UNIVERSIDAD DE BARCELONA
DIVISION "CIENCIAS DE LA SALUD"
DEPARTAMENTO DE ESPECIALIDADES MEDICAS
AREA DE PEDIATRIA

REGULACION GLUCEMICA Y PANCREAS ENDOCRINO EN EL RECIEN NACIDO NORMAL Y EN EL HIJO DE DIABETICA. ESTUDIO FUNCIONAL Y EVOLUTIVO.

(ANEXOS)

Memoria para optar al Grado de Doctor en Medicina presentada por Xavier Pastor Durán.

Barcelona, Abril de 1987

ANEXO 0

HOJAS DE RECOGIDA DE DATOS

ESTUDIO HMD (1)

DATOS MATERNOS (DM)

Nº HCM ..... Ingresada en: ..... Cama: .....
Nombre y apellidos: .....
Dirección ..... Teléfono .....
Edad: ..... Peso habitual: ..... Talla: .....
Pl SCP: ..... Pl TRP: .....
Abortos: ..... Macrosomas: .....
Gestación actual nº: .... FUR: .../.../... FPP:.../.../....
Control obstétrico:...(..Trim) Control diabético:...(..Trim)
Tipo diabetes (White): ..... Transfusiones gestación: .....
Patología asociada: .....
Otros tratamientos: .....
Datos parto: S. Glucosado:..... Insulina: .....
Glicemia materna Max. 24 h:.....
Glicemia materna promedio 24 h: .....

	1-13 s.	14-26 s.	27-42 s.	ult. s.
Dieta				
Peso				
Insulina				
Hipoglucemia				
Cetonuria				
HbA1				

DATOS NEONATALES (DN)

Nº HCN: ..... Ingresado en: ..... Cama: .....
Nombre y apellidos: .....
Fecha nacimiento: .../.../.../ Hora: ...:... Sexo: .....
Tipo parto: ..... Apgar: ../../.. Edad gestacional .....
Peso: ..... Longitud: ..... P.C.: .....
Pl SCP: ..... Pl TRP: ..... Pl BCP: ..... Pl SPI: .....
Patología asociada: .....
Gasometría arterial: Ph: .... pCO2: .... pO2: .... E.B.: ...
Gasometría venosa: Ph: .... pCO2: .... pO2: .... E.B.: ...
Tratamientos aplicados: Fármacos: .....
Perfusión: .....
Otros:
Peso placenta: ..... Aspecto placentario: .....
Anatomía patológica placenta: .....

ESTUDIO HMD (2)

DATOS DE BIENESTAR FETAL

Funcionalismo placentario : Estriol

.....(/ /); .....(/ /); .....(/ /)

.....(/ /); .....(/ /); .....(/ /)

Vitalidad Fetal :

- Movimientos fetales:

.....(/ /); .....(/ /); .....(/ /)

.....(/ /); .....(/ /); .....(/ /)

.....(/ /); .....(/ /); .....(/ /)

.....(/ /); .....(/ /); .....(/ /)

.....(/ /); .....(/ /); .....(/ /)

- Non-Stress-Test :

.....(/ /); .....(/ /); .....(/ /)

.....(/ /); .....(/ /); .....(/ /)

.....(/ /); .....(/ /); .....(/ /)

.....(/ /); .....(/ /); .....(/ /)

.....(/ /); .....(/ /); .....(/ /)

- POSE :

.....(/ /); .....(/ /); .....(/ /)

.....(/ /); .....(/ /); .....(/ /)

Crecimiento fetal (DBP por ECO) :

..... sem. (/ /); ..... sem. (/ /)

..... sem. (/ /); ..... sem. (/ /)

..... sem. (/ /); ..... sem. (/ /)

..... sem. (/ /); ..... sem. (/ /)

ESTUDIO HMD (3)

SOBRECARGA (15 cc/Kg Suero Glucosado 10%)

	Día	Hora	Peso	cc SG 10%	Aliment.	Ext. Glu.
2						
4						
7						
mes						
mes						
mes						

Peso mínimo alcanzado 1ª semana: .....

Curvas de glucemia capilar

	Basal	15'	30'	45'	60'	Otras
0						
2						
4						
7						
Mes						
Mes						
Mes						

Incidencias:

ESTUDIO HMD (4)

DATOS DE LABORATORIO

Nº LAB.									
Tiempo	M	0	60	2A	2D	4A	4D	7A	7D
HORMONAS									
Glucemia									
IRI									
CPR									
Pro-IRI									
IRG									
Ac-AntiIRI									
ICA									
RECEPTORES									
V. Inicial									
V. Final									
Htes. Final									
VCM									
Leucocitos									
Reticulocitos									
CPM alicuota									
Nº Exp.									

Incidencias :

ESTUDIO HMD (5)

ENZIMAS INTRAGRANULOCITARIOS

	MADRE	CORDON	1ª H.	2 A	2 D
ENZIMAS					
C. Cetónicos					
Nº gránulos					
Pureza					
HK					
PFK					
PK					
LDH					
Hexosas-P					
Lactato					
ATP					
Fructosa 2,6 P_2					

Incidencias :

ESTUDIO HMD (6)

DATOS DE LABORATORIO:

Nº LAB.								
Tiempo	M	0	60	4A	4D	Mes	Mes	Mes
Glucemia								
IRI								
ProIRI								
CPR								
IRG								
Ac-Anti-IRI								
POLIGLOBULIA								
Hematies								
Hemoglobina								
Hematocrito								
Leucocitos								
HbA1								
HbA								
HbF								
HbF1								
Ferritina								
Eritropoyetina								
2-3 DPG								

HTO (10-18 h.):

ESTUDIO HMD (6)

ESTUDIO LONGITUDINAL SOMATOMETRICO

	Mes 1	Mes 2	Mes 3	Mes 5	Mes 7	Mes12	Otros
Peso							
Longitud							
P.C.							
Pl SCP							
Pl TRP							
Pl BCP							
Pl SPI							
Lact. Mat.							
Lact. Art.							
P. Fruta (3)							
P. Vegetal (5)							
P. Dulce (6)							
Completa (7)							
Otros							

Incidencias:

ANEXO I

LISTADOS DE PROGRAMAS

```
* Programa XPD001.CDB que define el primer grupo de variables.
DATA LIST FILE = 'XPD001.DAT' / ORDINAL 1-3 CODIGO 4-9(A) TIPOGES 10
     PATOMAT 11 MACPRECL 12 ABOPRECL 13 CONOBSCL 14 CONDIACL 15 HIPOGLU1 16
     HIPOGLU2 17 HIPOGLU3 18 CETON1 19 CETON2 20 CETON3 21 HBGL1CL 22
     HBGL2CL 23 HBGL3CL 24 HBGLUSCL 25 HBGLMPCL 26 ACIRIMCL 27 CUREST 28
     VITFET 29 ASPLA 30 CRECFET 31 TIPORN 32 SEXRN 33 PESADEC 34 TIPOALIM 35
     SGEXRNCL 36 PATORN 37 ESTUD1 38 ESTUD2 39 ESTUD4 40 ESTUD7 41
     ESTINSRC 42 NUMGEST 43-44 EDADMAT 45-46 TALLAMAT 47-50(1)
     PESMATH 51-54(1) PESMATT 55-58(1) PESMAT1T 59-62(1) PESMAT2T 63-66(1)
     PESMAT3T 67-70(1) PESMATP 71-74(1) PESMATMX 75-78(1) PSSEMAT 79-81(1)
     PSTRMAT 82-84(1) INSEX1T 85-87(2) INSEX2T 88-90(2) INSEX3T 91-93(2)
     HBGL1CN 94-96(1) HBGL2CN 97-99(1) HBGL3CN 100-102(1)
     HBGLUSCN 103-105(1) HBGLMATP 106-108(1) GLEXMATP 109-112(2)
     INSEXPAR 113-115(2) ACIRIMCN 116-119(2) GLMATP 120-122
     IRIMATP 123-126(1) CPMATP 127-130(2) IRGMATP 131-135(1)
     PESPLA 136-139(3) EGRN 140-142(1) PESRN 143-145(2) PESMINRN 146-148(2)
     LONGRN 149-151(1) PCRN 152-154(1) PSSERN 155-157(1) PSTRRN 158-160(1)
     GLCORD 161-163 IRICORD 164-167(1) CPCORD 168-171(2) IRGCORD 172-176(1)
     ACIRICOR 177-179(1) HBFCORD 180-182(1) HBGLCORD 183-185(1)
     HBF1COR 186-188(1) GLMIN1H 189-191 IRI1H 192-195(1) CP1H 196-199(2)
     IRG1H 200-204(1) SEMGL1H 205-208(1) PHFET 209-211(2) EBFET 212-215(1)
     VISDIAB 216-217 PESP50RN 218-221(3) GLUPREMX 222-224 GLUPROMP 225-227
     RAZA 228.
VARIABLE LABELS ORDINAL 'Nº de orden de introducción en archivo'/
     CODIGO 'Código del caso'/ TIPOGES 'Tipo de gestante' /
     PATOMAT 'Patología materna asociada' / MACPRECL 'Macrosomas previos' /
     ABOPRECL 'Abortos previos' / CONOBSCL 'Control obstétrico' /
     CONDIACL 'Control diabetológico' / HIPOGLU1 'Hipoglucemia trimestre 1'/
     HIPOGLU2 'Hipoglucemia trimestre 2'/HIPOGLU3 'Hipoglucemia trimestre 3'/
     CETON1 'Cetonuria trimestre 1' / CETON2 'Cetonuria trimestre 2' /
     CETON3 'Cetonuria trimestre 3' / HBGL1CL 'HbA1 trimestre 1' /
     HBGL2CL 'HbA1 trimestre 2' / HBGL3CL 'HbA1 trimestre 3' /
     HBGLUSCL 'HbA1 última semana de embarazo' / HBGLMPCL 'HbA1 en el parto'/
     ACIRIMCL 'Anticuerpos anti-IRI maternos' / CUREST 'Curva de estriol' /
     VITFET 'Vitalidad fetal' / ASPLA 'Aspecto placentario' /
     CRECFET 'Crecimiento fetal' / TIPORN 'Tipo de Recién nacido' /
     SEXRN 'Sexo neonatal' / PESADEC 'Adecuación del peso neonatal' /
     TIPOALIM 'Tipo de alimentación' /
     SGEXRNCL 'Administración de glucosa parenteral' /
     PATORN 'Patología asociada neonatal'
     ESTUD1 'Estudio analítico 1ª hora'/ESTUD2 'Estudio analítico día 2' /
     ESTUD4 'Estudio analítico día 4' / ESTUD7 'Estudio analítico día 7' /
     ESTINSRC 'Estudio de receptores de insulina' /
     NUMGEST 'Nº de la gestación actual' / EDADMAT 'Edad materna (años)' /
     TALLAMAT 'Talla materna (cm)' / PESMATH 'Peso habitual materno (kg)'/
     PESMATT 'Peso teórico materno (kg)' /
     PESMAT1T 'Peso materno en trimestre 1 (kg)' /
     PESMAT2T 'Peso materno en trimestre 2 (kg)' /
     PESMAT3T 'Peso materno en trimestre 3 (kg)' /
     PESMATP 'Peso materno en el parto (kg)' /
     PESMATMX 'Peso materno máximo (kg)' /
     PSSEMAT 'Pliegue subescapular materno (mm)' /
     PSTRMAT 'Pliegue tricipital materno (mm)' /
     INSEX1T 'Insulina exógena trimestre 1 (ui/kg/d)' /
     INSEX2T 'Insulina exógena trimestre 2 (ui/kg/d)' /
     INSEX3T 'Insulina exógena trimestre 3 (ui/kg/d)' /
     HBGL1CN 'HbA1 trimestre 1 (%)'/HBGL2CN 'HbA1 trimestre 2 (%)' /
     HBGL3CN 'HbA1 trimestre 3 (%)'
     HBGLUSCN 'HbA1 última semana de embarazo (%)' /
     HBGLMATP 'HbA1 materna en el parto (%)' /
     GLEXMATP 'Glucosa parenteral en parto (mg/kg/min)' /
     INSEXPAR 'Insulina exógena en dia parto (ui/kg)' /
     ACIRIMCN 'Anticuerpos anti-IRI maternos (%)' /
     GLMATP 'Glucemia materna en el parto (mg/dl)' /
     IRIMATP 'Insulinemia materna en el parto (µU/ml)' /
     CPMATP 'C-péptido materno en el parto (ng/ml)' /
     IRGMATP 'Glucagón materno en el parto (pg/ml)' /
     PESPLA 'Peso placentario (kg)' / EGRN 'Edad gestacional (sem.)' /
     PESRN 'Peso neonatal (kg)' / PESMINRN 'Peso mínimo en la 1ª semana (kg)'
     LONGRN 'Longitud neonatal (cm)'/PCRN 'Perímetro craneal neonatal (cm)'/
     PSSERN 'Pliegue subescapular neonatal (mm)' /
     PSTRRN 'Pliegue tricipital neonatal (mm)' /
     GLCORD 'Glucemia en cordón (mg/dl)' /
     IRICORD 'Insulinemia en cordón (µU/ml)' /
     CPCORD 'C-péptido en cordón (ng/ml)' /
     IRGCORD 'Glucagón en cordón (pg/ml)' /
     ACIRICOR 'Anticuerpos anti-IRI en cordón (%)' /
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     HBFCORD 'Hemoglobina F en cordón (%)' /
     HBGLCORD 'Hemoglobina A1 en cordón (%)' /
     HBF1COR 'Hemoglobina F1 en cordón (%)' /
     GLMIN1H 'Glucemia mínima en la 1ª hora (mg/dl)' /
     IRI1H 'Insulinemia a los 60 min. (µU/ml)' /
     CP1H 'C-péptido a los 60 min. (ng/ml)' /
     IRG1H 'Glucagón a los 60 min. (pg/ml)' /
     SEMGL1H 'Semivida de la glucosa 1ª hora (min.)' /
     PHFET 'Ph en arteria umbilical' /
     EBFET 'Exceso de base en arteria umbilical' /
     VISDIAB 'Nº de visitas en Disp. Diabetes' /
     PESP50RN 'P50 para la E.G. (kg)'/
     GLUPREMX 'Glucemia mat. max. 24 h previas parto' /
     GLUPROMP 'Glucemia promedio 24 h previas parto' /
     RAZA 'Raza familiar'.
VALUE LABELS TIPOGES 1 'Normal' 2 'Diabética A White' 3 'Diabética A ins.'
     4 'Diabética B,C,D...' / PATOMAT TO ABOPRECL 1 'Sí' 2 'No' /
     CONOBSCL 1 '> 27 sem.' 2 '> 14 sem.' 3 '> 0 sem.' 4 'No control' /
     CONDIACL 1 '> 27 sem.' 2 '> 14 sem.' 3 '> 0 sem.' 4 'Preconcepcional'
     5 'No control' / HIPOGLU1 TO CETON3 1 'Sí' 2 'No' /
     HBGL1CL TO HBGLMPCL 1 '<= 8.2%' 2 '8.3 - 9.5%' 3 '> 9.5%' /
     ACIRIMCL 1 'Sí (>3.6 %)' 2 'No (<3.6 %)' /
     CUREST 1 'Normal' 2 'Patológica' /
     VITFET 1 'Buena' 2 'Regular' 3 'Mala' /
     ASPLA 1 'Normal' 2 'Retrasado' / CRECFET 1 'Normal' 2 'Retrasado' /
     TIPORN 1 'Normal' 2 'HMD A White' 3 'HMD A White ins.' 4 'HMD B,C,D White'
     5 'Macro no HMD' / SEXRN 1 'Varón' 2 'Hembra' /
     PESADEC 1 'Adecuado' 2 'Bajo peso' 3 'Elevado' /
     TIPOALIM 1 'Materna' 2 'Mixta' 3 'Artificial' /
     SGEXRNCL TO ESTINSRC 1 'Sí' 2 'No'/
     RAZA 1 'Celtíbera' 2 'Gitana' 3 'Arabe' 4 'Anglosajona' 5 'Otras' .
MISSING VALUE TIPOGES TO RAZA (0).

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* Programa auxiliar XPD1AUX0.CDB para definir nuevas variables.
IF (TIPORN=1) RNTIPO=1.
IF (TIPORN=2 OR TIPORN=3) RNTIPO=2.
IF (TIPORN=4) RNTIPO=3.
IF (TIPORN=5) RNTIPO=4.
IF (TIPORN=1) KONTROL=1.
IF ((TIPORN>1 AND TIPORN<5) AND HBGLMPCL=1) KONTROL=2.
IF ((TIPORN>1 AND TIPORN<5) AND HBGLMPCL>1) KONTROL=3.
IF (TIPORN=5) KONTROL=4.
VARIABLE LABELS RNTIPO 'Tipo de Recién Nacido'/
     KONTROL 'Control materno por HbA1 parto'.
VALUE LABELS RNTIPO 1 'Normal' 2 'HMD tipo A de White' 3 'HMD B,C y D White'
     4 'Macrosomas'/KONTROL 1 'R.N. normal' 2 'HMD con HbA1≤8.2'
     3 'HMD con HbA1>8.2' 4 'Macrosoma no HMD'.
FORMATS RNTIPO KONTROL (F1.0).
MISSING VALUE RNTIPO KONTROL (0).

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* Programa auxiliar XPD1AUX1.CDB para el cálculo de índices somatométricos.
COMPUTE SCMAT=(0.024256*(TALLAMAT**0.3964)*(PESMATH**0.5378)).
COMPUTE IMCMAT=(PESMATH/((TALLAMAT/100)**2)).
COMPUTE RPMATEO=((PESMATH-PESMATT)/PESMATT)*100.
COMPUTE INCPESM=PESMATMX-PESMATH.
COMPUTE RPLARN=PESPLA/PESRN.
COMPUTE SCRN=(0.024256*(LONGRN**0.3964)*(PESRN**0.5378)).
COMPUTE IMCRN=(PESRN/((LONGRN/100)**2)).
COMPUTE RDP50RN=((PESRN-PESP50RN)/PESP50RN)*100.
COMPUTE PERPESRN=((PESRN-PESMINRN)/PESMINRN)*100.
VARIABLE LABELS SCMAT 'Superficie Corporal materna (m²)'/
     IMCMAT 'Indice Masa Corporal materno (*100)'/
     RPMATEO 'Desviación % del peso teórico materno'/
     INCPESM 'Incremento de peso materno (kg)'/
     RPLARN 'Relación placento/neonatal'/
     SCRN 'Superficie Corporal neonatal (m²)'/
     IMCRN 'Indice Masa Corporal neonatal (*100)'/
     RDP50RN 'Desviación % del P50 para E.G'/
     PERPESRN 'Pérdida % de peso 1ª semana'.
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FORMATS SCMAT SCRN IMCMAT IMCRN (F6.4) RPLARN (F4.2)
     RPMATEO INCPESM RDP5ORN PERPESRN (F4.1).
MISSING VALUE SCMAT TO PERPESRN (0).

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* Programa auxiliar XPD1AUX2.CDB para cálculo de ratios molares.
COMPUTE RIRIGMP=(IRIMATP/GLMATP)*12.42.
COMPUTE RCPGMP=(CPMATP/GLMATP)*595.8.
COMPUTE RIRGGMP=(IRGMATP/GLMATP)*0.52.
COMPUTE RIRICPMP=(IRIMATP/CPMATP)*0.0208.
COMPUTE RIRIRGMP=(IRIMATP/IRGMATP)*24.04.
COMPUTE RCPIRGMP=(CPMATP/IRGMATP)*1153.31.
COMPUTE RIRIGSC=(IRICORD/GLCORD)*12.42.
COMPUTE RCPGSC=(CPCORD/GLCORD)*595.8.
COMPUTE RIRGGSC=(IRGCORD/GLCORD)*0.52.
COMPUTE RIRICPSC=(IRICORD/CPCORD)*0.0208.
COMPUTE RIRIRGSC=(IRICORD/IRGCORD)*24.04.
COMPUTE RCP1RGSC=(CPCORD/IRGCORD)*1153.31.
COMPUTE RIRIG1H=(IRI1H/GLMIN1H)*12.42.
COMPUTE RCPG1H=(CP1H/GLMIN1H)*595.8.
COMPUTE RIRGG1H=(IRG1H/GLMIN1H)*0.52.
COMPUTE RIRICP1H=(IRI1H/CP1H)*0.0208.
COMPUTE RIRIRG1H=(IRI1H/IRG1H)*24.04.
COMPUTE RCPIRG1H=(CP1H/IRG1H)*1153.31.
COMPUTE GLUDES=GLCORD-GLMIN1H.
COMPUTE GLUDESP=((GLCORD-GLMIN1H)/GLCORD)*100.
COMPUTE IRIVAR1=IRICORD-IRI1H.
COMPUTE IRIVAR1P=((IRICORD-IRI1H)/IRICORD)*100.
COMPUTE CPVAR1=CPCORD-CP1H.
COMPUTE CPVAR1P=((CPCORD-CP1H)/CPCORD)*100.
COMPUTE IRGVAR1=IRG1H-IRGCORD.
COMPUTE IRGVAR1P=((IRG1H-IRGCORD)/IRGCORD)*100.
VARIABLE LABELS RIRIGMP 'Ratio IRI/Gl materna (*10^-8)'/
     RCPGMP 'Ratio CP/Gl materna (*10^-8)'/
     RIRGGMP 'Ratio IRG/Gl materna (*10^-8)'/
     RIRICPMP 'Ratio IRI/CP materna'/
     RIRIRGMP 'Ratio IRI/IRG materna'/RCPIRGMP 'Ratio CP/IRG materna'/
     RIRIGSC 'Ratio IRI/Gl en cordón (*10^-8)'/
     RCPGSC 'Ratio CP/Gl en cordón (*10^-8)'/
     RIRGGSC 'Ratio IRG/Gl en cordón (*10^-8)'/
     RIRICPSC 'Ratio IRI/CP en cordón'/
     RIRIRGSC 'Ratio IRI/IRG en cordón'/RCPIRGSC 'Ratio CP/IRG en cordón'/
     RIRIG1H 'Ratio IRI/Gl a los 60 min (*10^-8)'/
     RCPG1H 'Ratio CP/Gl a los 60 min (*10^-8)'/
     RIRGG1H 'Ratio IRG/GL a los 60 min (*10^-8)'/
     RIRICP1H 'Ratio IRI/CP a los 60 min'/
     RIRIRG1H 'Ratio IRI/IRG a los 60 min'/
     RCPIRG1H 'Ratio CP/IRG a los 60 min'/
     GLUDES 'Descenso glucémico'/GLUDESP 'Descenso % de la glucosa'/
     IRIVAR1 'Variación de la IRI 1ª H'/
     IRIVAR1P 'Variación % de la IRI 1ª H'/CPVAR1 'Variación del CP 1ª H'/
     CPVAR1P 'Variación % del CP 1ª H'/IRGVAR1 'Variación del IRG 1ª H'/
     IRGVAR1P 'Variación % del IRG 1ª H'.
FORMATS RIRIGMP RCPGMP RIRGGMP RIRIGSC RCPGSC RIRGGSC RIRIG1H RCPG1H
     RIRGG1H (F8.5) RIRICPMP RIRIRGMP RCPIRGMP RIRICPSC RIRIRGSC RCPIRGSC
     RIRICP1H RIRIRG1H RCPIRG1H (F7.4) GLUDES (F3.0) IRIVAR1 IRGVAR1 (F4.1)
     CPVAR1 IRIVAR1P CPVAR1P IRGVAR1P (F4.2).
MISSING VALUE RIRIGMP TO GLUDES (0).

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* Programa auxiliar XPD1AUX3.CDB para análisis de las variaciones entre las
     ratios molares durante la 1ª hora de vida.
COMPUTE RIRIGA1=(RIRIG1H - RIRIGSC).
COMPUTE RIRIGP1=((RIRIG1H - RIRIGSC)/RIRIGSC) * 100.
COMPUTE RCPGA1=(RCPG1H - RCPGSC).
COMPUTE RCPGP1=((RCPG1H - RCPGSC)/RCPGSC) * 100.
COMPUTE RIRGGA1=(RIRGG1H - RIRGGSC).
COMPUTE RIRGGP1=((RIRGG1H - RIRGGSC)/RIRGGSC) * 100.
COMPUTE RIRICPA1=(RIRICP1H - RIRICPSC).
COMPUTE RIRICPP1=((RIRICP1H - RIRICPSC)/RIRICPSC) * 100.
COMPUTE RIRIRGA1=(RIRIRG1H - RIRIRGSC).
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COMPUTE RIRIRGP1=((RIRIRG1H - RIRIRGSC)/RIRIRGSC) * 100.
COMPUTE RCPIRGA1=(RCPIRG1H - RCPIRGSC).
COMPUTE RCPIRGP1=((RCPIRG1H - RCPIRGSC)/RCPIRGSC) * 100.
VARIABLE LABELS
    /RIRIGA1 'Ratio IRI/Glucosa : variación 1ª h.'
    /RIRIGP1 'Ratio IRI/Glucosa : variación % 1ª h.'
    /RCPGA1 'Ratio CPR/Glucosa : variación 1ª h.'
    /RCPGP1 'Ratio CPR/Glucosa : variación % 1ª h.'
    /RIRGGA1 'Ratio IRG/Glucosa : variación 1ª h.'
    /RIRGGP1 'Ratio IRG/Glucosa : variación % 1ª h.'
    /RIRICPA1 'Ratio IRI/CPR : variación 1ª h.'
    /RIRICPP1 'Ratio IRI/CPR : variación % 1ª h.'
    /RIRIRGA1 'Ratio IRI/IRG : variación 1ª h.'
    /RIRIRGP1 'Ratio IRI/IRG : variación % 1ª h.'
    /RCPIRGA1 'Ratio CPR/IRG : variación 1ª h.'
    /RCPIRGP1 'Ratio CPR/IRG : variación % 1ª h.'.
FORMATS RIRIGA1 TO RCPIRGP1 (F7.4).

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* Programa auxiliar XPD1AUX4.CDB para reagrupar los recién nacidos.
SET PRINTER=OFF LISTING=OFF WIDTH=80.
IF (RNTIPO=1) MACTIPO=1.
IF (PESADEC<3 AND (RNTIPO=2 OR RNTIPO=3)) MACTIPO=2.
IF (PESADEC=3 AND (RNTIPO=2 OR RNTIPO=3)) MACTIPO=3.
IF (RNTIPO=4) MACTIPO=4.
IF (PESADEC<3) MACTIPO2=1.
IF (PESADEC=3) MACTIPO2=2.
IF (RNTIPO=1) TIPRN=1.
IF (RNTIPO=2 OR RNTIPO=3) TIPRN=2.
IF (RNTIPO=4) TIPRN=3.
IF (HBGL3CL<2) KONTROL3=1.
IF (HBGL3CL>1) KONTROL3=2.
IF (HBGLUSCL<2) KONTROLU=1.
IF (HBGLUSCL>1) KONTROLU=2.
IF (MACTIPO=1) MACTIPOE=1.
IF (MACTIPO=4) MACTIPOE=2.
IF (MACTIPO=3) MACTIPOE=3.
VARIABLE LABELS MACTIPO TO MACTIPOE 'Tipo de Recién Nacido'.
VALUE LABELS MACTIPO 1 'Normal' 2 'HMD no macrosoma' 3 'HMD macrosoma'
     4 'Macrosoma no HMD'
     /MACTIPO2 1 'No macrosoma' 2 'Macrosoma'
     /TIPRN 1 'Normal' 2 'HMD'3 'Macrosoma'
     /KONTROL3 KONTROLU 1 'Bueno' 2 'Malo'
     /MACTIPOE 1'Normal' 2 'Macrosoma' 3 'Macrosoma HMD'.
FORMATS MACTIPO TO MACTIPOE (F1.0).

################################################################################

* Programa XPD002.CDB que define el segundo grupo de variables.
DATA LIST FILE='XPD002.DAT'/ORDINAL 1-3 CODIGO 4-9(A) GL2A 10-12
     IRI2A 13-16(1) CP2A 17-20(2) IRG2A 21-25(1) GLMAX2 26-28 GL2D 29-31
     IRI2D 32-35(1) CP2D 36-39(2) IRG2D 40-44(1) ESTGL2 45-50(1) GL4A 51-53
     IRI4A 54-57(1) CP4A 58-61(2) IRG4A 62-66(1) GLMAX4 67-69 GL4D 70-72
     IRI4D 73-76(1) CP4D 77-80(2) IRG4D 81-85(1) ESTGL4 86-91(1) GL7A 92-94
     IRI7A 95-98(1) CP7A 99-102(2) IRG7A 103-107(1) GLMAX7 108-110 GL7D 111-113
     IRI7D 114-117(1) CP7D 118-121(2) IRG7D 122-126(1) ESTGL7 127-132(1)
     HBF4 133-135(1) HBGL4 136-138(1) HBF14 139-141(1).
VARIABLE LABELS ORDINAL 'Nº de orden'/CODIGO 'Codificación'/
     GL2A 'Glucemia basal día 2'/IRI2A 'Insulina basal día 2'/
     CP2A 'C-péptido basal día 2'/IRG2A 'Glucagón basal día 2'/
     GLMAX2 'Glucémia máxima día 2'/GL2D 'Glucemia final día 2'/
     IRI2D 'Insulina final día 2'/CP2D 'C-péptido final día 2'/
     IRG2D 'Glucagón final día 2'/ESTGL2 'Estímulo glucémico día 2'/
     GL4A 'Glucemia basal día 4'/ IRI4A 'Insulina basal día 4'/
     CP4A 'C-péptido basal día 4'/IRG4A 'Glucagón basal día 4'/
     GLMAX4 'Glucemia máxima día 4'/GL4D 'Glucemia final día 4'/
     IRI4D 'Insulina final día 4'/CP4D 'C-péptido final día 4'/
     IRG4D 'Glucagón final día 4'/ESTGL4 'Estímulo glucémico día 4'/
     GL7A 'Glucemia basal día 7'/IRI7A 'Insulina basal día 7'/
     CP7A 'C-péptido basal día 7'/IRG7A 'Glucagon basal día 7'/
     GLMAX7 'Glucemia máxima día 7'/GL7D 'Glucemia final día 7'/
     IRI7D 'Insulina final día 7'/CP7D 'C-péptido final día 7'/
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     IRG7D 'Glucagón final día 7'/ESTGL7 'Estímulo glucémico día 7'/
     HBF4 'HbF día 4'/HBGL4 'HbA1 neonatal día 4'/HBF14 'HbF1 día 4'.
MISSING VALUE GL2A TO HBF14 (0).

################################################################################

* Programa XPD2AUX0.CDB para cálculo de variaciones hormonales.
COMPUTE IRIVAR2=IRI2D-IRI2A.
COMPUTE IRIVAR2P=((IRI2D-IRI2A)/IRI2A)*100.
COMPUTE CPVAR2=CP2D-CP2A.
COMPUTE CPVAR2P=((CP2D-CP2A)/CP2A)*100.
COMPUTE IRGVAR2=IRG2D-IRG2A.
COMPUTE IRGVAR2P=((IRG2D-IRG2A)/IRG2A)*100.
COMPUTE IRIVAR4=IRI4D-IRI4A.
COMPUTE IRIVAR4P=((IRI4D-IRI4A)/IRI4A)*100.
COMPUTE CPVAR4=CP4D-CP4A.
COMPUTE CPVAR4P=((CP4D-CP4A)/CP4A)*100.
COMPUTE IRGVAR4=IRG4D-IRG4A.
COMPUTE IRGVAR4P=((IRG4D-IRG4A)/IRG4A)*100.
COMPUTE IRIVAR7=IRI7D-IRI7A.
COMPUTE IRIVAR7P=((IRI7D-IRI7A)/IRI7A)*100.
COMPUTE CPVAR7=CP7D-CP7A.
COMPUTE CPVAR7P=((CP7D-CP7A)/CP7A)*100.
COMPUTE IRGVAR7=IRG7D-IRG7A.
COMPUTE IRGVAR7P=((IRG7D-IRG7A)/IRG7A)*100.
VARIABLE LABELS IRIVAR2 'Incremento de IRI día 2'/
     IRIVAR2P 'Incremento % de IRI día 2'/CPVAR2 'Incremento de CP día 2'/
     CPVAR2P 'Incremento % de CP día 2'/IRGVAR2 'Incremento de IRG día 2'/
     IRGVAR2P 'Incremento % de IRG día 2'/IRIVAR4 'Incremento de IRI día 4'/
     IRIVAR4P 'Incremento % de IRI día 4'/CPVAR4 'Incremento de CP día 4'/
     CPVAR4P 'Incremento % de CP día 4'/IRGVAR4 'Incremento de IRG día 4'/
     IRGVAR4P 'Incremento % de IRG día 4'/IRIVAR7 'Incremento de IRI día 7'/
     IRIVAR7P 'Incremento % de IRI día 7'/CPVAR7 'Incremento de CP día 7'/
     CPVAR7P 'Incremento % de CP día 7'/IRGVAR7 'Incremento de IRG día 7'/
     IRGVAR7P 'Incremento % de IRG día 7'.
FORMATS IRIVAR2 IRGVAR2 IRIVAR4 IRGVAR4 IRIVAR7 IRGVAR7 (F4.1)
     CPVAR2 CPVAR4 CPVAR7 IRIVAR2P CPVAR2P IRGVAR2P IRIVAR4P CPVAR4P IRGVAR4P
     IRIVAR7P CPVAR7P IRGVAR7P (F4.2).

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* Programa auxiliar XPD2AUX1.CDB para cálculo de ratios molares.
COMPUTE RIRIG2A=((IRI2A/GL2A)*12.42).
COMPUTE RCPG2A=((CP2A/GL2A)*595.8).
COMPUTE RIRGG2A=((IRG2A/GL2A)*0.52).
COMPUTE RIRICP2A=((IRI2A/CP2A)*0.0208).
COMPUTE RIRIRG2A=((IRI2A/IRG2A)*24.04).
COMPUTE RCPIRG2A=((CP2A/IRG2A)*1153.31).
COMPUTE RIRIG2D=((IRI2D/GL2D)*12.42).
COMPUTE RCPG2D=((CP2D/GLMAX2)*595.8).
COMPUTE RIRGG2D=((IRG2D/GL2D)*0.52).
COMPUTE RIRICP2D=((IRI2D/CP2D)*0.0208).
COMPUTE RIRIRG2D=((IRI2D/IRG2D)*24.04).
COMPUTE RCPIRG2D=((CP2D/IRG2D)*1153.31).
COMPUTE RIRIG4A=((IRI4A/GL4A)*12.42).
COMPUTE RCPG4A=((CP4A/GL4A)*595.8).
COMPUTE RIRGG4A=((IRG4A/GL4A)*0.52).
COMPUTE RIRICP4A=((IRI4A/CP4A)*0.0208).
COMPUTE RIRIRG4A=((IRI4A/IRG4A)*24.04).
COMPUTE RCPIRG4A=((CP4A/IRG4A)*1153.31).
COMPUTE RIRIG4D=((IRI4D/GL4D)*12.42).
COMPUTE RCPG4D=((CP4D/GLMAX4)*595.8).
COMPUTE RIRGG4D=((IRG4D/GL4D)*0.52).
COMPUTE RIRICP4D=((IRI4D/CP4D)*0.0208).
COMPUTE RIRIRG4D=((IRI4D/IRG4D)*24.04).
COMPUTE RCPIRG4D=((CP4D/IRG4D)*1153.31).
COMPUTE RIRIG7A=((IRI7A/GL7A)*12.42).
COMPUTE RCPG7A=((CP7A/GL7A)*595.8).
COMPUTE RIRGG7A=((IRG7A/GL7A)*0.52).
COMPUTE RIRICP7A=((IRI7A/CP7A)*0.0208).
COMPUTE RIRIRG7A=((IRI7A/IRG7A)*24.04).
COMPUTE RCPIRG7A=((CP7A/IRG7A)*1153.31).
COMPUTE RIRIG7D=((IRI7D/GL7D)*12.42).
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COMPUTE RCPG7D=((CP7D/GLMAX7)*595.8).
COMPUTE RIRGG7D=((IRG7D/GL7D)*0.52).
COMPUTE RIRICP7D=((IRI7D/CP7D)*0.0208).
COMPUTE RIRIRG7D=((IRI7D/IRG7D)*24.04).
COMPUTE RCPIRG7D=((CP7D/IRG7D)*1153.31).
VARIABLE LABELS RIRIG2A 'Ratio IRI/Gl 2A (*10^-8)'/
     RCPG2A 'Ratio CP/Gl 2A (*10^-8)'/RIRGG2A 'Ratio IRG/Gl 2A (*10^-8)'/
     RIRICP2A 'Ratio IRI/CP 2A'/ RIRIRG2A 'Ratio IRI/IRG 2A' /
     RCPIRG2A 'Ratio CP/IRG 2A'/ RIRIG2D 'Ratio IRI/Gl 2D (*10^-8)'/
     RCPG2D 'Ratio CP/Gl 2D (*10^-8)'/RIRGG2D 'Ratio IRG/Gl 2D (*10^-8)'/
     RIRICP2D 'Ratio IRI/CP 2D' / RIRIRG2D 'Ratio IRI/IRG 2D' /
     RCPIRG2D 'Ratio CP/IRG 2D'/ RIRIG4A 'Ratio IRI/Gl 4A (*10^-8)'/
     RCPG4A 'Ratio CP/Gl 4A (*10^-8)'/RIRGG4A 'Ratio IRG/Gl 4A (*10^-8)'/
     RIRICP4A 'Ratio IRI/CP 4A' / RIRIRG4A 'Ratio IRI/IRG 4A'/
     RCPIRG4A 'Ratio CP/IRG 4A' / RIRIG4D 'Ratio IRI/Gl (*10^-8)'/
     RCPG4D 'Ratio CP/Gl 4D (*10^-8)'/RIRGG4D 'Ratio IRG/Gl (*10^-8)'/
     RIRICP4D 'Ratio IRI/CP 4D'/ RIRIRG4D 'Ratio IRI/IRG 4D'/
     RCPIRG4D 'Ratio CP/IRG 4D'/ RIRIG7A 'Ratio IRI/Gl 7A (*10^-8)'/
     RCPG7A 'Ratio CP/Gl 7A (*10^-8)'/RIRGG7A 'Ratio IRG/Gl 7A (*10^-8)'/
     RIRICP7A 'Ratio IRI/CP 7A'/RIRIRG7A 'Ratio IRI/IRG 7A'/
     RCPIRG7A 'Ratio CP/IRG 7A'/RIRIG7D 'Ratio IRI/Gl 7D (*10^-8)'/
     RCPG7D 'Ratio CP/Gl 7D (*10^-8)'/RIRGG7D 'Ratio IRG/Gl 7D (*10^-8)'/
     RIRICP7D 'Ratio IRI/CP 7D'/RIRIRG7D 'Ratio IRI/IRG 7D'/
     RCPIRG7D 'Ratio CP/IRG 7D'.
FORMATS RIRIG2A RCPG2A RIRGG2A RIRIG2D RCPG2D RIRGG2D RIRIG4A RCPG4A
     RIRGG4A RIRIG4D RCPG4D RIRGG4D RIRIG7A RCPG7A RIRGG7A RIRIG7D RCPG7D
     RIRGG7D (F8.5) RIRICP2A RIRIRG2A RCPIRG2A RIRICP2D RIRIRG2D RCPIRG2D
     RIRICP4A RIRIRG4A RCPIRG4A RIRICP4D RIRIRG4D RCPIRG4D RIRICP7A
     RIRIRG7A RCPIRG7A RIRICP7D RIRIRG7D RCPIRG7D (F7.4).
MISSING VALUE RIRIG2A TO RCPIRG7D (0).

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* Programa auxiliar XPD2AUX2.CDB para comparación de SOG.
COMPUTE SOGRAT1=(ESTGL7/ESTGL2).
COMPUTE SOGRAT2=(ESTGL4/ESTGL2).
COMPUTE SOGRAT3=(ESTGL7/ESTGL4).
VARIABLE LABELS SOGRAT1 'Ratio SOG día 7/día 2'/
     SOGRAT2 'Ratio SOG día 4/día 2'/SOGRAT3 'Ratio SOG día 7/día 4'.
FORMATS SOGRAT1 SOGRAT2 SOGRAT3 (F5.2).
MISSING VALUE SOGRAT1 TO SOGRAT3 (0).

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* Programa XPD1R001.CNT para estudio de frecuencias y normalidades.
SET WIDTH=80 LISTING='XPD1R001.RST'.
TITLE 'Análisis descriptivo global y pruebas de normalidad'.
FREQUENCIES VARIABLES=RNTIPO SEXRN PESADEC KONTROL RAZA/HISTOGRAM.
FREQUENCIES VARIABLES=NUMGEST TO PESMATH PESMATMX TO PSTRMAT HBGL1CN TO
     HBGLMATP GLMATP TO IRGCORD HBFCORD GLMIN1H TO EBFET
     /FORMAT=NOTABLE
     /PERCENTILES=3 10 90 97
     /STATISTICS=ALL.
NPAR TESTS K-S(NORMAL)=NUMGEST TO PESMATH PESMATMX TO PSTRMAT HBGL1CN TO
     HBGLMATP GLMATP TO IRGCORD HBFCORD GLMIN1H TO EBFET.
SET LISTING='XPD1R001.TB1'.
COMPUTE X=1.
VARIABLE LABELS X ' '.
VALUE LABELS X 1 ''.
TABLES / FORMATS MARGIN(15,79) LENGTH(2,64) BOX BOLD LEADER('.')
     ZERO CWIDTH(20)
     /PTITLE=LEFT 'Análisis descriptivo global'
     /FTOTAL=T1 'Total'
   /TABLE=(RNTIPO+PESADEC) BY X
     /STATISTICS=COUNT('Nº de casos') CPCT((PCT7.2)'Porcentaje')
     /TTITLE=LEFT 'Características principales de la muestra'
   /TABLE=(RAZA+T1) BY X
     /STATISTICS=COUNT('Nº de casos') CPCT((PCT7.2)'Porcentaje')
     /TTITLE=LEFT 'Composición racial de la muestra'
   /TABLE=(KONTROL+T1) BY X
     /STATISTICS=COUNT('Nº de casos') CPCT((PCT7.2)'Porcentaje')
     /TTITLE=LEFT 'Consideración sobre el control materno'
     /TFOOTNOTE=LEFT '(Límite superior de normalidad para HbA1 : 8.2%)'.
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SET LISTING='XPD1R001.TB2'.
TABLES / FORMATS MARGIN(15,79) LENGTH(2,64) BOX BOLD LEADER('.')
     ZERO CWIDTH(20)
     /PTITLE=LEFT 'Análisis descriptivo global'
     /FTOTAL=T1 'Total'
     /OBSERVATION=NUMGEST TO PESMATH PESMATP TO PSTRMAT HBGL1CN TO
      HBGLMATP PESPLA
   /TABLE=(EDADMAT+NUMGEST+TALLAMAT)
     /STATISTICS=VALIDN('Nº de casos') MEAN('Media') SEMEAN('Error estándar')
      STDDEV('Desv. estándar') VARIANCE('Varianza') MEDIAN('Mediana')
      MODE('Moda') MAXIMUM('Valor máximo') MINIMUM('Valor mínimo')
        RANGE('Intervalo')
     /TTITLE=LEFT 'Variabilidad general de los datos maternos'
   /TABLE=(PESMATH+PESMATMX+PESMATP)
     /STATISTICS=VALIDN('Nº de casos') MEAN('Media') SEMEAN('Error estándar')
      STDDEV('Desv. estándar') VARIANCE('Varianza') MEDIAN('Mediana')
      MODE('Moda') MAXIMUM('Valor máximo') MINIMUM('Valor mínimo')
      RANGE('Intervalo')
     /TTITLE=LEFT 'Variabilidad de datos somatométricos maternos'
   /TABLE=(PSSEMAT+PSTRMAT+PESPLA)
     /STATISTICS=VALIDN('Nº de casos') MEAN('Media') SEMEAN('Error estándar')
      STDDEV('Desv. estándar') VARIANCE('Varianza') MEDIAN('Mediana')
      MODE('Moda') MAXIMUM('Valor máximo') MINIMUM('Valor mínimo')
      RANGE('Intervalo')
     /TTITLE='Variabilidad de datos somatométricos maternos y placentarios'
   /TABLE=(HBGL1CN+HBGL2CN+HBGL3CN+HBGLMATP)
     /STATISTICS=VALIDN('Nº de casos') MEAN('Media') SEMEAN('Error estándar')
      STDDEV('Desv. estándar') MEDIAN('Mediana') MAXIMUM('Valor máximo')
      MINIMUM('Valor mínimo') RANGE('Intervalo')
     /TTITLE=LEFT 'Variabilidad de las hemoglobinas glucosiladas (%)'.
SET LISTING='XPD1R001.TB3'.
TABLES / FORMATS MARGIN(15,79) LENGTH(3,62) BOX BOLD LEADER('.')
     ZERO CWIDTH(20)
     /PTITLE=LEFT 'Análisis descriptivo global'
     /FTOTAL=T1 'Total'
     /OBSERVATION=GLMATP TO IRGCORD
   /TABLE=(GLMATP+IRIMATP+CPMATP+IRGMATP) BY (SEXRN+T1)
     /STATISTICS=VALIDN('Nº de casos') MEAN('Media') SEMEAN('Error estándar')
      STDDEV('Desv. estándar') MEDIAN('Mediana') MAXIMUM('Valor máximo')
      MINIMUM('Valor mínimo') RANGE('Intervalo')
      /TTITLE=LEFT 'Variabilidad de parámetros metabólicos maternos'
   /TABLE=(EGRN+PESRN+PESMINRN+LONGRN) BY (SEXRN+T1)
     /STATISTICS=VALIDN('Nº de casos') MEAN('Media') SEMEAN('Error estándar')
      STDDEV('Desv. estándar') MEDIAN('Mediana') MAXIMUM('Valor máximo')
      MINIMUM('Valor mínimo') RANGE('Intervalo')
      /TTITLE=LEFT 'Variabilidad de parámetros somatométricos neonatales'
   /TABLE=(PCRN+PSSERN+PSTRRN) BY (SEXRN+T1)
     /STATISTICS=VALIDN('Nº de casos') MEAN('Media') SEMEAN('Error estándar')
      STDDEV('Desv. estándar') MEDIAN('Mediana') MAXIMUM('Valor máximo')
      MINIMUM('Valor mínimo') RANGE('Intervalo')
      /TTITLE=LEFT 'Variabilidad de parámetros somatométricos neonatales'
   /TABLE=(GLCORD+IRICORD+CPCORD+IRGCORD) BY (SEXRN+T1)
     /STATISTICS=VALIDN('Nº de casos') MEAN('Media') SEMEAN('Error estándar')
      STDDEV('Desv. estándar') MEDIAN('Mediana') MAXIMUM('Valor máximo')
      MINIMUM('Valor mínimo') RANGE('Intervalo')
      /TTITLE=LEFT 'Variabilidad de parámetros metabólicos en cordón'.
SET LISTING='XPD1R001.TB4'.
TABLES / FORMATS MARGIN(15,79) LENGTH(3,62) BOX BOLD LEADER('.')
     ZERO CWIDTH(20)
     /PTITLE=LEFT 'Análisis descriptivo global'
     /FTOTAL=T1 'Total'
     /OBSERVATION=GLMIN1H TO EBFET
   /TABLE=(GLMIN1H+IRI1H+CP1H+IRG1H) BY (SEXRN+T1)
     /STATISTICS=VALIDN('Nº de casos') MEAN('Media') SEMEAN('Error estándar')
      STDDEV('Desv. estándar') MEDIAN('Mediana') MAXIMUM('Valor máximo')
      MINIMUM('Valor mínimo') RANGE('Intervalo')
      /TTITLE=LEFT 'Variabilidad de parámetros metabólicos a los 60 min.'
   /TABLE=(SEMGL1H+PHFET+EBFET) BY (SEXRN+T1)
     /STATISTICS=VALIDN('Nº de casos') MEAN('Media') SEMEAN('Error estándar')
      STDDEV('Desv. estándar') MEDIAN('Mediana') MAXIMUM('Valor máximo')
      MINIMUM('Valor mínimo') RANGE('Intervalo')
      /TTITLE=LEFT 'Variabilidad de parámetros metabólicos neonatales'.
GRAPH/PIE=COUNT BY RNTIPO/OUTFILE='RNTIPO.CHT'/HOLD.
GRAPH/PIE=COUNT BY PESADEC/OUTFILE='PESADEC.CHT'/HOLD.
GRAPH/PIE=COUNT BY KONTROL/OUTFILE='KONTROL.CHT'/HOLD.
GRAPH/PIE=COUNT BY SEXRN/OUTFILE='SEXRN.CHT'/HOLD.
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* Programa XPD1R002.CNT para análisis descriptivo en la 1ª hora de vida.
SET PRINTER=OFF WIDTH=80.
TITLE 'Análisis descriptivo de la primera hora de vida'.
SUBTITLE 'Estudio limitado a R.N. normales y HMD'.
SELECT IF (RNTIPO LT 4).
SET LISTING='XPD1R002.RS1'.
MEANS TABLES=GLCORD TO IRGCORD GLMIN1H TO EBFET BY RNTIPO KONTROL/STA=ALL.
SET LISTING='XPD1R002.TB1'.
TABLES/FORMATS MARGIN(15,79) LENGTH(2,64) BOX BOLD LEADER('.') ZERO CWIDTH(20)
     /PTITLE=LEFT 'Análisis descriptivo en los R.N. normales y HMD'
     /OBSERVATION=GLCORD TO IRGCORD GLMIN1H TO EBFET
   /TABLE=(GLCORD+IRICORD+CPCORD+IRGCORD) BY RNTIPO
     /STATISTICS=VALIDN('Nº de casos') MEAN('Media') SEMEAN('Error estándar')
      STDDEV('Desv. estándar') MEDIAN('Mediana')
     /TTITLE=LEFT 'Situación metabólica neonatal en cordón según tipo R.N.'
   /TABLE=(GLMIN1H+IRI1H+CP1H+IRG1H) BY RNTIPO
      /STATISTICS=VALIDN('Nº de casos') MEAN('Media') SEMEAN('Error estándar')
       STDDEV('Desv. estándar') MEDIAN('Mediana')
      /TTITLE=LEFT 'Situación metabólica neonatal a los 60 m. según tipo R.N.'
   /TABLE=(SEMGL1H+PHFET+EBFET) BY RNTIPO
      /STATISTICS=VALIDN('Nº de casos') MEAN('Media') SEMEAN('Error estándar')
       STDDEV('Desv. estándar') MEDIAN('Mediana')
      /TTITLE=LEFT 'Situación metabólica neonatal según tipo R.N.'.
SET LISTING='XPD1R002.TB2'.
TABLES/FORMATS MARGIN(15,79) LENGTH(2,64) BOX BOLD LEADER('.') ZERO CWIDTH(20)
      /PTITLE=LEFT 'Análisis descriptivo en los R.N. normales y HMD'
      /OBSERVATION=GLCORD TO IRGCORD GLMIN1H TO EBFET
   /TABLE=(GLCORD+IRICORD+CPCORD+IRGCORD) BY KONTROL
      /STATISTICS=VALIDN('Nº de casos') MEAN('Media') SEMEAN('Error estándar')
       STDDEV('Desv. estándar') MEDIAN('Mediana')
      /TTITLE=LEFT 'Situación metabólica neonatal en cordón según control'
   /TABLE=(GLMIN1H+IRI1H+CP1H+IRG1H) BY KONTROL
      /STATISTICS=VALIDN('Nº de casos') MEAN('Media') SEMEAN('Error estándar')
       STDDEV('Desv. estándar') MEDIAN('Mediana')
      /TTITLE=LEFT 'Situación metabólica neonatal a los 60 m. según control'
   /TABLE=(SEMGL1H+PHFET+EBFET) BY KONTROL
      /STATISTICS=VALIDN('Nº de casos') MEAN('Media') SEMEAN('Error estándar')
       STDDEV('Desv. estándar') MEDIAN('Mediana')
      /TTITLE=LEFT 'Situación metabólica neonatal según control'.
SET LISTING='XPD1R002.TB3'.
TABLES/FORMATS MARGIN(15,79) LENGTH(2,64) BOX BOLD LEADER('.') ZERO CWIDTH(20)
      /PTITLE=LEFT 'Análisis descriptivo en los R.N. normales y HMD'
      /OBSERVATION=GLMATP TO IRGMATP
   /TABLE=(GLMATP+IRIMATP+CPMATP+IRGMATP) BY RNTIPO
      /STATISTICS=VALIDN('Nº de casos') MEAN('Media') SEMEAN('Error estándar')
       STDDEV('Desv. estándar') MEDIAN('Mediana')
      /TTITLE=LEFT 'Situación metabólica materna según tipo de R.N.'
   /TABLE=(GLMATP+IRIMATP+CPMATP+IRGMATP) BY KONTROL
      /STATISTICS=VALIDN('Nº de casos') MEAN('Media') SEMEAN('Error estándar')
       STDDEV('Desv. estándar') MEDIAN('Mediana')
      /TTITLE=LEFT 'Situación metabólica materna según control'.
SET LISTING='XPD1R002.RS2'.
MEANS TABLES=GLMATP TO IRGMATP BY RNTIPO KONTROL/STA=ALL.
SET LISTING=OFF.
GRAPH BAR=MEAN(GLMATP GLCORD GLMIN1H) BY RNTIPO/OUTFILE='GLU1TIP.CHT'/HOLD.
GRAPH BAR=MEAN(IRIMATP IRICORD IRI1H) BY RNTIPO/OUTFILE='IRI1TIP.CHT'/HOLD.
GRAPH BAR=MEAN(CPMATP CPCORD CP1H) BY RNTIPO/OUTFILE='CP1TIP.CHT'/HOLD.
GRAPH BAR=MEAN(IRGMATP IRGCORD IRG1H) BY RNTIPO/OUTFILE='IRG1TIP.CHT'/HOLD.
GRAPH BAR=MEAN(GLMATP GLCORD GLMIN1H) BY KONTROL/OUTFILE='GLU1CON.CHT'/HOLD.
GRAPH BAR=MEAN(IRIMATP IRICORD IRI1H) BY KONTROL/OUTFILE='IRI1CON.CHT'/HOLD.
GRAPH BAR=MEAN(CPMATP CPCORD CP1H) BY KONTROL/OUTFILE='CP1CON.CHT'/HOLD.
GRAPH BAR=MEAN(IRGMATP IRGCORD IRG1H) BY KONTROL/OUTFILE='IRG1CON.CHT'/HOLD.

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* Programa XPD1R003.CNT para estudio descriptivo de variables calculadas.
* Limitado a la 1ª hora de vida.
SET WIDTH=80 LISTING='XPD1R003.RST'.
TITLE 'Análisis descriptivo de la primera hora de vida'.
SUBTITLE 'Estudio limitado a R.N. normales y HMD'.
SELECT IF (RNTIPO LT 4).
MEANS TABLES=RIRIGMP TO IRGVAR1P BY RNTIPO KONTROL /STA=ALL.
SET LISTING=OFF.

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* Programa XPD1R004.CNT para estudio de características somatométricas.
SET WIDTH=80 PRINTER=OFF.
TITLE 'Análisis descriptivo de los parámetros somatométricos'.
SUBTITLE 'Estudio limitado a R.N. normales y HMD'.
SELECT IF (RNTIPO LT 4).
SET LISTING='XPD1R004.RST'.
MEANS TABLES=NUMGEST TO PESMATH PESMATMX TO PSTRMAT HBGL3CN HBGLMATP
      PESPLA TO PSTRRN SCMAT TO PERPESRN BY RNTIPO KONTROL
      /STA=ALL.
SET LISTING='XPD1R004.TB1'.
TABLES/FORMATS MARGIN(15,79) LENGTH(2,64) BOX BOLD LEADER('.') ZERO CWIDTH(20)
      /PTITLE=LEFT 'Análisis descriptivo de los R.N. normales y HMD'
      /OBSERVATION=NUMGEST TO PESMATH PESMATMX TO PSTRMAT PESPLA TO PSTRRN
   /TABLE=(NUMGEST+EDADMAT+TALLAMAT) BY RNTIPO
      /STATISTICS=VALIDN('Nº de casos') MEAN('Media') SEMEAN('Error estándar')
       STDDEV('Desv. estándar') MEDIAN('Mediana')
      /TTITLE=LEFT 'Datos somatométricos maternos según tipo de R.N.'
   /TABLE=(PESMATH+PESMATMX+PSSEMAT+PSTRMAT) BY RNTIPO
      /STATISTICS=VALIDN('Nº de casos') MEAN('Media') SEMEAN('Error estándar')
       STDDEV('Desv. estándar') MEDIAN('Mediana')
      /TTITLE=LEFT 'Datos somatométricos maternos según tipo de R.N.'
   /TABLE=(PESPLA+EGRN+PESRN+PESMINRN) BY RNTIPO
      /STATISTICS=VALIDN('Nº de casos') MEAN('Media') SEMEAN('Error estándar')
       STDDEV('Desv. estándar') MEDIAN('Mediana')
      /TTITLE=LEFT 'Datos somatométricos neonatales según tipo de R.N.'
   /TABLE=(LONGRN+PCRN+PSSERN+PSTRRN) BY RNTIPO
      /STATISTICS=VALIDN('Nº de casos') MEAN('Media') SEMEAN('Error estándar')
       STDDEV('Desv. estándar') MEDIAN('Mediana')
      /TTITLE=LEFT 'Datos somatométricos neonatales según tipo de R.N.'.
SET LISTING='XPD1R004.TB2'.
TABLES/FORMATS MARGIN(15,79) LENGTH(2,64) BOX BOLD LEADER('.') ZERO CWIDTH(20)
      /PTITLE=LEFT 'Análisis descriptivo de los R.N. normales y HMD'
      /OBSERVATION=NUMGEST TO PESMATH PESMATMX TO PSTRMAT PESPLA TO PSTRRN
   /TABLE=(NUMGEST+EDADMAT+TALLAMAT) BY KONTROL
      /STATISTICS=VALIDN('Nº de casos') MEAN('Media') SEMEAN('Error estándar')
       STDDEV('Desv. estándar') MEDIAN('Mediana')
      /TTITLE=LEFT 'Datos somatométricos maternos según control'
   /TABLE=(PESMATH+PESMATMX+PSSEMAT+PSTRMAT) BY KONTROL
      /STATISTICS=VALIDN('Nº de casos') MEAN('Media') SEMEAN('Error estándar')
       STDDEV('Desv. estándar') MEDIAN('Mediana')
      /TTITLE=LEFT 'Datos somatométricos maternos según control'
   /TABLE=(PESPLA+EGRN+PESRN+PESMINRN) BY KONTROL
      /STATISTICS=VALIDN('Nº de casos') MEAN('Media') SEMEAN('Error estándar')
       STDDEV('Desv. estándar') MEDIAN('Mediana')
      /TTITLE=LEFT 'Datos somatométricos neonatales según control'
   /TABLE=(LONGRN+PCRN+PSSERN+PSTRRN) BY KONTROL
      /STATISTICS=VALIDN('Nº de casos') MEAN('Media') SEMEAN('Error estándar')
       STDDEV('Desv. estándar') MEDIAN('Mediana')
      /TTITLE=LEFT 'Datos somatométricos neonatales según control'.
SET LISTING='XPD1R004.TB3'.
TABLES/FORMATS MARGIN(15,79) LENGTH(2,64) BOX BOLD LEADER('.') ZERO CWIDTH(20)
      /PTITLE=LEFT 'Análisis descriptivo de los R.N. normales y HMD'
      /OBSERVATION=SCMAT TO PERPESRN
   /TABLE=(SCMAT+IMCMAT+RPMATEO+INCPESM) BY RNTIPO
      /STATISTICS=VALIDN('Nº de casos') MEAN('Media') SEMEAN('Error estándar')
       STDDEV('Desv. estándar') MEDIAN('Mediana')
      /TTITLE=LEFT 'Datos somatométricos maternos según tipo de R.N.'
   /TABLE=(RPLARN+SCRN+IMCRN+RDP50RN+PERPESRN) BY RNTIPO
      /STATISTICS=VALIDN('Nº de casos') MEAN('Media') SEMEAN('Error estándar')
       STDDEV('Desv. estándar') MEDIAN('Mediana')
      /TTITLE=LEFT 'Datos somatométricos neonatales según tipo de R.N.'.
TABLES/FORMATS MARGIN(15,79) LENGTH(2,64) BOX BOLD LEADER('.') ZERO CWIDTH(20)
      /PTITLE=LEFT 'Análisis descriptivo de los R.N. normales y HMD'
      /OBSERVATION=SCMAT TO PERPESRN
   /TABLE=(SCMAT+IMCMAT+RPMATEO+INCPESM) BY KONTROL
      /STATISTICS=VALIDN('Nº de casos') MEAN('Media') SEMEAN('Error estándar')
       STDDEV('Desv. estándar') MEDIAN('Mediana')
      /TTITLE=LEFT 'Datos somatométricos maternos según control'
   /TABLE=(RPLARN+SCRN+IMCRN+RDP50RN+PERPESRN) BY KONTROL
      /STATISTICS=VALIDN('Nº de casos') MEAN('Media') SEMEAN('Error estándar')
       STDDEV('Desv. estándar') MEDIAN('Mediana')
      /TTITLE=LEFT 'Datos somatométricos neonatales según control'.
SET LISTING=OFF.

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* Programa XPD1R005.CNT para estudio de correlaciones bivariadas.
SET WIDTH=80 PRINTER=OFF.
TITLE 'Estudio de correlaciones bivariadas con variables críticas'.
SUBTITLE 'Estudio limitado a R.N. normales y HMD'.
SELECT IF (RNTIPO LT 4).
SET LISTING='XPD1R005.RS1'.
CORRELATION VARIABLES=NUMGEST TO PESMATH SCMAT TO INCPESM PESMATP TO PSTRMAT
     HBGL3CN HBGLMATP GLMATP IRIMATP VISDIAB GLUPREMX GLUPROMP
     WITH SEMGL1H GLUDES TO IRGVAR1P
     /OPTIONS=2 5.
SET LISTING='XPD1R005.RS2'.
CORRELATION VARIABLES=GLCORD TO IRGCORD GLMIN1H TO IRG1H PHFET EBFET
     RIRIGMP TO RCPIRG1H
     WITH SEMGL1H GLUDES TO IRGVAR1P
     /OPTIONS=2 5.
SET LISTING=OFF.

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* Programa XPD1R006.CNT para cálculo de normalidades en variables computadas.
TITLE 'Análisis descriptivo global y pruebas de normalidad'.
SUBTITLE 'Variables computadas en la 1ª hora de vida'.
SET WIDTH=80 PRINTER=OFF LISTING='XPD1R006.RS1'.
NPAR TESTS K-S(NORMAL)=RIRIGMP TO RCPIRG1H.
SET LISTING='XPD1R006.RS2'.
NPAR TESTS K-S(NORMAL)=GLUDES TO IRGVAR1P.
SET LISTING='XPD1R006.RS3'.
NPAR TESTS K-S(NORMAL)=SCMAT TO PERPESRN.
SET LISTING=OFF.

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* Programa XPD1R007.CNT para estudio de ANOVA en la 1ª hora de vida.
SET WIDTH=80 PRINTER=OFF LISTING=OFF.
TITLE 'ANOVA en la 1ª hora de vida'.
SUBTITLE 'Estudio limitado a R.N. normales y HMD'.
SELECT IF (RNTIPO LT 4).
SET LISTING='XPD1R007.RS1'.
ONEWAY VARIABLES=GLMATP TO IRGMATP GLCORD TO IRGCORD GLMIN1H TO EBFET BY
     RNTIPO(1,3)
     /CONTRAST=-1 .5 .5
     /CONTRAST=0 -1 1
     /RANGES=SCHEFFE
     /STA=3.
SET LISTING='XPD1R007.RS2'.
ONEWAY VARIABLES=GLMATP TO IRGMATP GLCORD TO IRGCORD GLMIN1H TO EBFET BY
     KONTROL(1,3)
     /CONTRAST=0 -1 1
     /RANGES=SCHEFFE
     /STA=3.
SET LISTING='XPD1R007.RS3'.
ONEWAY VARIABLES=RIRIGMP TO RCPIRG1H BY RNTIPO(1,3)
     /CONTRAST=-1 .5 .5
     /CONTRAST=0 -1 1
     /RANGES=SCHEFFE
     /STA=3.
SET LISTING='XPD1R007.RS4'.
ONEWAY VARIABLES=RIRIGMP TO RCPIRG1H BY KONTROL(1,3)
     /CONTRAST=0 -1 1
     /RANGES=SCHEFFE
     /STA=3.
SET LISTING='XPD1R007.RS5'.
ONEWAY VARIABLES=GLUDES TO IRGVAR1P BY RNTIPO(1,3)
     /CONTRAST=-1 .5 .5
     /CONTRAST=0 -1 1
     /RANGES=SCHEFFE
     /STA=3.
SET LISTING='XPD1R007.RS6'.
ONEWAY VARIABLES=GLUDES TO IRGVAR1P BY KONTROL(1,3)
     /CONTRAST=0 -1 1
     /RANGES=SCHEFFE
     /STA=3.
SET LISTING=OFF.
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* Programa XPD1R008.CNT para estudio de ANOVA en somatometría.
SET WIDTH=80 PRINTER=OFF LISTING=OFF.
TITLE 'ANOVA de las características somatométricas'.
SUBTITLE 'Estudio limitado a R.N. normales y HMD'.
SELECT IF (RNTIPO LT 4).
SET LISTING='XPD1R008.RS1'.
ONEWAY VARIABLES=NUMGEST TO PESMATH PESMATMX TO PSTRMAT BY RNTIPO(1,3)
     /CONTRAST=-1 .5 .5
     /CONTRAST=0 -1 1
     /RANGES=SCHEFFE
     /STA=3.
SET LISTING='XPD1R008.RS2'.
ONEWAY VARIABLES=NUMGEST TO PESMATH PESMATMX TO PSTRMAT BY KONTROL(1,3)
     /CONTRAST=0 -1 1
     /RANGES=SCHEFFE
     /STA=3.
SET LISTING='XPD1R008.RS3'.
ONEWAY VARIABLES=SCMAT TO PERPESRN BY RNTIPO(1,3)
     /CONTRAST=-1 .5 .5
     /CONTRAST=0 -1 1
     /RANGES=SCHEFFE
     /STA=3.
SET LISTING='XPD1R008.RS4'.
ONEWAY VARIABLES=SCMAT TO PERPESRN BY KONTROL(1,3)
     /CONTRAST=0 -1 1
     /RANGES=SCHEFFE
     /STA=3.
SET LISTING='XPD1R008.RS5'.
ONEWAY VARIABLES=PESPLA TO PSTRRN BY RNTIPO(1,3)
     /CONTRAST=-1 .5 .5
     /CONTRAST=0 -1 1
     /RANGES=SCHEFFE
     /STA=3.
SET LISTING='XPD1R008.RS6'.
ONEWAY VARIABLES=PESPLA TO PSTRRN BY KONTROL(1,3)
     /CONTRAST=0 -1 1
     /RANGES=SCHEFFE
     /STA=3.
SET LISTING=OFF.

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* Programa XPD1R009.CNT para la estadística no paramétrica la 1ª hora de vida.
* Estudio limitado a la somatometría de los R.N. normales y HMD.
SET WIDTH=80 PRINTER=OFF LISTING=OFF.
SELECT IF (RNTIPO LT 4).
TITLE 'Estadística no paramétrica de la 1ª hora de vida'.
SUBTITLE 'Estudio limitado a los R.N. normales y HMD'.
SET LISTING='XPD1R009.RS1'.
NPAR TESTS K-W=NUMGEST TO PESMATH PESMATMX TO PSTRMAT SCMAT TO PERPESRN
     PESPLA TO PSTRRN BY RNTIPO (1,3).
SET LISTING='XPD1R009.RS2'.
NPAR TESTS K-W=NUMGEST TO PESMATH PESMATMX TO PSTRMAT SCMAT TO PERPESRN
     PESPLA TO PSTRRN BY KONTROL (1,3).
SET LISTING='XPD1R009.RS3'.
NPAR TESTS M-W=NUMGEST TO PESMATH PESMATMX TO PSTRMAT SCMAT TO PERPESRN
     PESPLA TO PSTRRN BY RNTIPO (2,3).
SET LISTING='XPD1R009.RS4'.
NPAR TESTS M-W=NUMGEST TO PESMATH PESMATMX TO PSTRMAT SCMAT TO PERPESRN
     PESPLA TO PSTRRN BY RNTIPO (1,2).
SET LISTING='XPD1R009.RS5'.
NPAR TESTS M-W=NUMGEST TO PESMATH PESMATMX TO PSTRMAT SCMAT TO PERPESRN
     PESPLA TO PSTRRN BY RNTIPO (1,3).
SET LISTING='XPD1R009.RS6'.
NPAR TESTS M-W=NUMGEST TO PESMATH PESMATMX TO PSTRMAT SCMAT TO PERPESRN
     PESPLA TO PSTRRN BY KONTROL (2,3).
SET LISTING='XPD1R009.RS7'.
NPAR TESTS M-W=NUMGEST TO PESMATH PESMATMX TO PSTRMAT SCMAT TO PERPESRN
     PESPLA TO PSTRRN BY KONTROL (1,2).
SET LISTING='XPD1R009.RS8'.
NPAR TESTS M-W=NUMGEST TO PESMATH PESMATMX TO PSTRMAT SCMAT TO PERPESRN
     PESPLA TO PSTRRN BY KONTROL (1,3).
SET LISTING=OFF.

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* Programa XPD1R010.CNT para estadística no paramétrica la 1ª hora de vida.
* Estudio limitado a resultados de analítica de R.N. normales y HMD.
SET WIDTH=80 PRINTER=OFF LISTING=OFF.
SELECT IF (RNTIPO LT 4).
SELECT IF (ORDINAL <> 1 AND ORDINAL <> 88 AND ORDINAL <> 89 AND ORDINAL <> 90).
TITLE 'Estadística no paramétrica de la 1ª hora de vida'.
SUBTITLE 'Estudio limitado a R.N. normales y HMD'.
SET LISTING='XPD1R010.RS1'.
NPAR TESTS K-W=GLMATP TO IRGMATP GLCORD TO IRGCORD GLMIN1H TO EBFET RIRIGMP
      TO RCPIRG1H GLUDES TO IRGVAR1P BY RNTIPO (1,3).
SET LISTING='XPD1R010.RS3'.
NPAR TESTS K-W=GLMATP TO IRGMATP GLCORD TO IRGCORD GLMIN1H TO EBFET RIRIGMP
      TO RCPIRG1H GLUDES TO IRGVAR1P BY KONTROL (1,3).
SET LISTING='XPD1R010.RS4'.
NPAR TESTS M-W=GLMATP TO IRGMATP GLCORD TO IRGCORD GLMIN1H TO EBFET RIRIGMP
      TO RCPIRG1H GLUDES TO IRGVAR1P BY RNTIPO (2,3).
SET LISTING='XPD1R010.RS5'.
NPAR TESTS M-W=GLMATP TO IRGMATP GLCORD TO IRGCORD GLMIN1H TO EBFET RIRIGMP
      TO RCPIRG1H GLUDES TO IRGVAR1P BY RNTIPO (1,2).
SET LISTING='XPD1R010.RS6'.
NPAR TESTS M-W=GLMATP TO IRGMATP GLCORD TO IRGCORD GLMIN1H TO EBFET RIRIGMP
      TO RCPIRG1H GLUDES TO IRGVAR1P BY RNTIPO (1,3).
SET LISTING='XPD1R010.RS7'.
NPAR TESTS M-W=GLMATP TO IRGMATP GLCORD TO IRGCORD GLMIN1H TO EBFET RIRIGMP
      TO RCPIRG1H GLUDES TO IRGVAR1P BY KONTROL (2,3).
SET LISTING='XPD1R010.RS8'.
NPAR TESTS M-W=GLMATP TO IRGMATP GLCORD TO IRGCORD GLMIN1H TO EBFET RIRIGMP
      TO RCPIRG1H GLUDES TO IRGVAR1P BY KONTROL (1,2).
SET LISTING='XPD1R010.RS9'.
NPAR TESTS M-W=GLMATP TO IRGMATP GLCORD TO IRGCORD GLMIN1H TO EBFET RIRIGMP
      TO RCPIRG1H GLUDES TO IRGVAR1P BY KONTROL (1,3).
SET LISTING=OFF.

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* Programa XPD1R011.CNT para estadística no paramétrica la 1ª hora de vida.
* Estudio limitado a resultados analíticos en R.N. normales y HMD.
SET WIDTH=80 PRINTER=OFF LISTING=OFF.
SELECT IF (RNTIPO LT 4).
TITLE 'Estadística no paramétrica en la 1ª hora de vida'.
SUBTITLE 'Estudio limitado a R.N. normales y HMD'.
RECODE RNTIPO (1=1) (2,3=2).
VALUE LABELS RNTIPO 1 'R.N. normal' 2 'Hijo de diabética'.
SET LISTING='XPD1R011.RS1'.
NPAR TESTS M-W=NUMGEST TO PESMATH PESMATMX TO PSTRMAT SCMAT TO PERPESRN
      PESPLA TO PSTRRN BY RNTIPO(1,2).
SET LISTING=OFF.
SELECT IF (ORDINAL <> 0 AND ORDINAL <> 88 AND ORDINAL <> 89 AND ORDINAL <> 90).
SET LISTING='XPD1R011.RS2'.
NPAR TESTS M-W=GLMATP TO IRGMATP GLCORD TO IRGCORD GLMIN1H TO EBFET RIRIGMP
      TO RCPIRG1H GLUDES TO IRGVAR1P BY RNTIPO(1,2).
SET LISTING=OFF.

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* Programa XPD1R012.CNT para estudio de modelos de regresión multiple por
     grupos neonatales diversos y tomando como variables dependiente los
     marcadores de descenso glucémico.
SET WIDTH=80 PRINTER=OFF LISTING=OFF.
TITLE 'Modelos de regresión múltiple sobre el descenso glucémico'.
SELECT IF (RNTIPO LT 4).
SUBTITLE 'Estudio en todos los hijos de diabética'.
SET LISTING='XPD1R012.RS1'.
REGRESSION VARIABLES=(COLLECT)
     /DESCRIPTIVES=MEAN STDDEV CORR N
     /SELECT=RNTIPO GT 1
     /MISSING=PAIRWISE
     /STATISTICS=R ANOVA COEFF OUTS CI TOL END HISTORY
     /DEPENDENT=SEMGL1H GLUDES GLUDESP
     /METHOD=STEP GLUPROMP HBGL3CN NUMGEST SCMAT RPMATEO
     /DEPENDENT=SEMGL1H GLUDES GLUDESP
     /METHOD=STEP GLUPROMP HBGLMATP NUMGEST SCMAT RPMATEO
     /DEPENDENT=SEMGL1H GLUDES GLUDESP
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     /METHOD=STEP GLUPREMX HBGL3CN NUMGEST SCMAT RPMATEO
     /DEPENDENT=SEMGL1H GLUDES GLUDESP
     /METHOD=STEP GLUPREMX HBGLMATP NUMGEST SCMAT RPMATEO
     /DEPENDENT=SEMGL1H GLUDES GLUDESP
     /METHOD=STEP GLMATP HBGL3CN NUMGEST SCMAT RPMATEO
     /DEPENDENT=SEMGL1H GLUDES GLUDESP
     /METHOD=STEP GLMATP HBGLMATP NUMGEST SCMAT RPMATEO
     /DEPENDENT=SEMGL1H GLUDES GLUDESP
     /METHOD=STEP GLCORD EGRN SCRN RDP5ORN PHFET
     /DEPENDENT=SEMGL1H GLUDES GLUDESP
     /METHOD=STEP GLCORD EGRN SCRN RDP5ORN PSSERN PSTRRN PHFET
     /DEPENDENT=SEMGL1H GLUDES GLUDESP
     /METHOD=STEP GLCORD NUMGEST SCMAT RPMATEO PHFET
     /DEPENDENT=SEMGL1H GLUDES GLUDESP
     /METHOD=STEP GLUPROMP HBGL3CN EGRN SCRN RDP5ORN
     /DEPENDENT=SEMGL1H GLUDES GLUDESP
     /METHOD=STEP GLUPROMP HBGLMATP EGRN SCRN RDP5ORN
     /DEPENDENT=SEMGL1H GLUDES GLUDESP
     /METHOD=STEP GLUPREMX HBGL3CN EGRN SCRN RDP5ORN
     /DEPENDENT=SEMGL1H GLUDES GLUDESP
     /METHOD=STEP GLUPREMX HBGLMATP EGRN SCRN RDP5ORN
     /DEPENDENT=SEMGL1H GLUDES GLUDESP
     /METHOD=STEP GLMATP HBGL3CN EGRN SCRN RDP5ORN
     /DEPENDENT=SEMGL1H GLUDES GLUDESP
     /METHOD=STEP GLMATP HBGLMATP EGRN SCRN RDP5ORN
     /DEPENDENT=SEMGL1H GLUDES GLUDESP
     /METHOD=STEP GLUPROMP HBGL3CN EGRN SCRN RDP5ORN PSSERN PSTRRN
     /DEPENDENT=SEMGL1H GLUDES GLUDESP
     /METHOD=STEP GLUPROMP HBGLMATP EGRN SCRN RDP5ORN PSSERN PSTRRN
     /DEPENDENT=SEMGL1H GLUDES GLUDESP
     /METHOD=STEP GLUPREMX HBGL3CN EGRN SCRN RDP5ORN PSSERN PSTRRN
     /DEPENDENT=SEMGL1H GLUDES GLUDESP
     /METHOD=STEP GLUPREMX HBGLMATP EGRN SCRN RDP5ORN PSSERN PSTRRN
     /DEPENDENT=SEMGL1H GLUDES GLUDESP
     /METHOD=STEP GLMATP HBGL3CN EGRN SCRN RDP5ORN PSSERN PSTRRN
     /DEPENDENT=SEMGL1H GLUDES GLUDESP
     /METHOD=STEP GLMATP HBGLMATP EGRN SCRN RDP5ORN PSSERN PSTRRN.
SET LISTING=OFF.
SUBTITLE 'Hijos de madre diabética gestacional'.
SET LISTING='XPD1R012.RS2'.
REGRESSION VARIABLES=(COLLECT)
     /DESCRIPTIVES=MEAN STDDEV CORR N
     /SELECT=RNTIPO EQ 2
     /MISSING=PAIRWISE
     /STATISTICS=R ANOVA COEFF OUTS CI TOL END HISTORY
     /DEPENDENT=SEMGL1H GLUDES GLUDESP
     /METHOD=STEP GLUPROMP HBGL3CN NUMGEST SCMAT RPMATEO
     /DEPENDENT=SEMGL1H GLUDES GLUDESP
     /METHOD=STEP GLUPROMP HBGLMATP NUMGEST SCMAT RPMATEO
     /DEPENDENT=SEMGL1H GLUDES GLUDESP
     /METHOD=STEP GLUPREMX HBGL3CN NUMGEST SCMAT RPMATEO
     /DEPENDENT=SEMGL1H GLUDES GLUDESP
     /METHOD=STEP GLUPREMX HBGLMATP NUMGEST SCMAT RPMATEO
     /DEPENDENT=SEMGL1H GLUDES GLUDESP
     /METHOD=STEP GLMATP HBGL3CN NUMGEST SCMAT RPMATEO
     /DEPENDENT=SEMGL1H GLUDES GLUDESP
     /METHOD=STEP GLMATP HBGLMATP NUMGEST SCMAT RPMATEO
     /DEPENDENT=SEMGL1H GLUDES GLUDESP
     /METHOD=STEP GLCORD EGRN SCRN RDP5ORN PHFET
     /DEPENDENT=SEMGL1H GLUDES GLUDESP
     /METHOD=STEP GLCORD EGRN SCRN RDP5ORN PSSERN PSTRRN PHFET
     /DEPENDENT=SEMGL1H GLUDES GLUDESP
     /METHOD=STEP GLCORD NUMGEST SCMAT RPMATEO PHFET
     /DEPENDENT=SEMGL1H GLUDES GLUDESP
     /METHOD=STEP GLUPROMP HBGL3CN EGRN SCRN RDP5ORN
     /DEPENDENT=SEMGL1H GLUDES GLUDESP
     /METHOD=STEP GLUPROMP HBGLMATP EGRN SCRN RDP5ORN
     /DEPENDENT=SEMGL1H GLUDES GLUDESP
     /METHOD=STEP GLUPREMX HBGL3CN EGRN SCRN RDP5ORN
     /DEPENDENT=SEMGL1H GLUDES GLUDESP
     /METHOD=STEP GLUPREMX HBGLMATP EGRN SCRN RDP5ORN
     /DEPENDENT=SEMGL1H GLUDES GLUDESP
     /METHOD=STEP GLMATP HBGL3CN EGRN SCRN RDP5ORN
     /DEPENDENT=SEMGL1H GLUDES GLUDESP
     /METHOD=STEP GLMATP HBGLMATP EGRN SCRN RDP5ORN
     /DEPENDENT=SEMGL1H GLUDES GLUDESP
     /METHOD=STEP GLUPROMP HBGL3CN EGRN SCRN RDP5ORN PSSERN PSTRRN
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     /DEPENDENT=SEMGL1H GLUDES GLUDESP
     /METHOD=STEP GLUPROMP HBGLMATP EGRN SCRN RDP50RN PSSERN PSTRRN
     /DEPENDENT=SEMGL1H GLUDES GLUDESP
     /METHOD=STEP GLUPREMX HBGL3CN EGRN SCRN RDP50RN PSSERN PSTRRN
     /DEPENDENT=SEMGL1H GLUDES GLUDESP
     /METHOD=STEP GLUPREMX HBGLMATP EGRN SCRN RDP50RN PSSERN PSTRRN
     /DEPENDENT=SEMGL1H GLUDES GLUDESP
     /METHOD=STEP GLMATP HBGL3CN EGRN SCRN RDP50RN PSSERN PSTRRN
     /DEPENDENT=SEMGL1H GLUDES GLUDESP
     /METHOD=STEP GLMATP HBGLMATP EGRN SCRN RDP50RN PSSERN PSTRRN.
SET LISTING=OFF.
SUBTITLE='Hijos de madre diabética insulinodependiente'.
SET LISTING='XPD1R012.RS3'.
REGRESSION VARIABLES=(COLLECT)
     /DESCRIPTIVES=MEAN STDDEV CORR N
     /SELECT=RNTIPO EQ 3
     /MISSING=PAIRWISE
     /STATISTICS=R ANOVA COEFF OUTS CI TOL END HISTORY
     /DEPENDENT=SEMGL1H GLUDES GLUDESP
     /METHOD=STEP GLUPROMP HBGL3CN NUMGEST SCMAT RPMATEO
     /DEPENDENT=SEMGL1H GLUDES GLUDESP
     /METHOD=STEP GLUPROMP HBGLMATP NUMGEST SCMAT RPMATEO
     /DEPENDENT=SEMGL1H GLUDES GLUDESP
     /METHOD=STEP GLUPREMX HBGL3CN NUMGEST SCMAT RPMATEO
     /DEPENDENT=SEMGL1H GLUDES GLUDESP
     /METHOD=STEP GLUPREMX HBGLMATP NUMGEST SCMAT RPMATEO
     /DEPENDENT=SEMGL1H GLUDES GLUDESP
     /METHOD=STEP GLMATP HBGL3CN NUMGEST SCMAT RPMATEO
     /DEPENDENT=SEMGL1H GLUDES GLUDESP
     /METHOD=STEP GLMATP HBGLMATP NUMGEST SCMAT RPMATEO
     /DEPENDENT=SEMGL1H GLUDES GLUDESP
     /METHOD=STEP GLCORD EGRN SCRN RDP50RN PHFET
     /DEPENDENT=SEMGL1H GLUDES GLUDESP
     /METHOD=STEP GLCORD EGRN SCRN RDP50RN PSSERN PSTRRN PHFET
     /DEPENDENT=SEMGL1H GLUDES GLUDESP
     /METHOD=STEP GLCORD NUMGEST SCMAT RPMATEO PHFET
     /DEPENDENT=SEMGL1H GLUDES GLUDESP
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     /DEPENDENT=SEMGL1H GLUDES GLUDESP
     /METHOD=STEP GLUPREMX HBGL3CN EGRN SCRN RDP50RN
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     /DEPENDENT=SEMGL1H GLUDES GLUDESP
     /METHOD=STEP GLMATP HBGLMATP EGRN SCRN RDP50RN
     /DEPENDENT=SEMGL1H GLUDES GLUDESP
     /METHOD=STEP GLUPROMP HBGL3CN EGRN SCRN RDP50RN PSSERN PSTRRN
     /DEPENDENT=SEMGL1H GLUDES GLUDESP
     /METHOD=STEP GLUPROMP HBGLMATP EGRN SCRN RDP50RN PSSERN PSTRRN
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     /METHOD=STEP GLUPREMX HBGL3CN EGRN SCRN RDP50RN PSSERN PSTRRN
     /DEPENDENT=SEMGL1H GLUDES GLUDESP
     /METHOD=STEP GLUPREMX HBGLMATP EGRN SCRN RDP50RN PSSERN PSTRRN
     /DEPENDENT=SEMGL1H GLUDES GLUDESP
     /METHOD=STEP GLMATP HBGL3CN EGRN SCRN RDP50RN PSSERN PSTRRN
     /DEPENDENT=SEMGL1H GLUDES GLUDESP
     /METHOD=STEP GLMATP HBGLMATP EGRN SCRN RDP50RN PSSERN PSTRRN.
SET LISTING=OFF.
SUBTITLE 'Descenso glucémico absoluto superior a 50 mg/dl/hora'.
PROCESS IF (GLUDES GT 50).
SET LISTING='XPD1R012.RS4'.
REGRESSION VARIABLES=(COLLECT)
     /DESCRIPTIVES=MEAN STDDEV CORR N
     /SELECT=RNTIPO GT 1
     /MISSING=PAIRWISE
     /STATISTICS=R ANOVA COEFF OUTS CI TOL END HISTORY
     /DEPENDENT=SEMGL1H GLUDES GLUDESP
     /METHOD=STEP GLUPROMP HBGL3CN NUMGEST SCMAT RPMATEO
     /DEPENDENT=SEMGL1H GLUDES GLUDESP
     /METHOD=STEP GLUPROMP HBGLMATP NUMGEST SCMAT RPMATEO
     /DEPENDENT=SEMGL1H GLUDES GLUDESP
     /METHOD=STEP GLUPREMX HBGL3CN NUMGEST SCMAT RPMATEO
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     /METHOD=STEP GLUPREMX HBGLMATP NUMGEST SCMAT RPMATEO
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     /METHOD=STEP GLCORD EGRN SCRN RDP50RN PHFET
     /DEPENDENT=SEMGL1H GLUDES GLUDESP
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     /METHOD=STEP GLCORD NUMGEST SCMAT RPMATEO PHFET
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     /METHOD=STEP GLUPREMX HBGL3CN EGRN SCRN RDP50RN
     /DEPENDENT=SEMGL1H GLUDES GLUDESP
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     /DEPENDENT=SEMGL1H GLUDES GLUDESP
     /METHOD=STEP GLMATP HBGLMATP EGRN SCRN RDP50RN
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     /METHOD=STEP GLUPROMP HBGLMATP EGRN SCRN RDP50RN PSSERN PSTRRN
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     /DEPENDENT=SEMGL1H GLUDES GLUDESP
     /METHOD=STEP GLUPREMX HBGLMATP EGRN SCRN RDP50RN PSSERN PSTRRN
     /DEPENDENT=SEMGL1H GLUDES GLUDESP
     /METHOD=STEP GLMATP HBGL3CN EGRN SCRN RDP50RN PSSERN PSTRRN
     /DEPENDENT=SEMGL1H GLUDES GLUDESP
     /METHOD=STEP GLMATP HBGLMATP EGRN SCRN RDP50RN PSSERN PSTRRN.
SET LISTING=OFF.
SUBTITLE 'Descenso glucémico porcentual superior a 2 D.E. de la media normal'.
PROCESS IF (GLUDESP GT 72.78).
SET LISTING='XPD1R012.RS5'.
REGRESSION VARIABLES=(COLLECT)
     /DESCRIPTIVES=MEAN STDDEV CORR N
     /SELECT=RNTIPO GT 1
     /MISSING=PAIRWISE
     /STATISTICS=R ANOVA COEFF OUTS CI TOL END HISTORY
     /DEPENDENT=SEMGL1H GLUDES GLUDESP
     /METHOD=STEP GLUPROMP HBGL3CN NUMGEST SCMAT RPMATEO
     /DEPENDENT=SEMGL1H GLUDES GLUDESP
     /METHOD=STEP GLUPROMP HBGLMATP NUMGEST SCMAT RPMATEO
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     /METHOD=STEP GLUPREMX HBGL3CN NUMGEST SCMAT RPMATEO
     /DEPENDENT=SEMGL1H GLUDES GLUDESP
     /METHOD=STEP GLUPREMX HBGLMATP NUMGEST SCMAT RPMATEO
     /DEPENDENT=SEMGL1H GLUDES GLUDESP
     /METHOD=STEP GLMATP HBGL3CN NUMGEST SCMAT RPMATEO
     /DEPENDENT=SEMGL1H GLUDES GLUDESP
     /METHOD=STEP GLMATP HBGLMATP NUMGEST SCMAT RPMATEO
     /DEPENDENT=SEMGL1H GLUDES GLUDESP
     /METHOD=STEP GLCORD EGRN SCRN RDP50RN PHFET
     /DEPENDENT=SEMGL1H GLUDES GLUDESP
     /METHOD=STEP GLCORD EGRN SCRN RDP50RN PSSERN PSTRRN PHFET
     /DEPENDENT=SEMGL1H GLUDES GLUDESP
     /METHOD=STEP GLCORD NUMGEST SCMAT RPMATEO PHFET
     /DEPENDENT=SEMGL1H GLUDES GLUDESP
     /METHOD=STEP GLUPROMP HBGL3CN EGRN SCRN RDP50RN
     /DEPENDENT=SEMGL1H GLUDES GLUDESP
     /METHOD=STEP GLUPROMP HBGLMATP EGRN SCRN RDP50RN
     /DEPENDENT=SEMGL1H GLUDES GLUDESP
     /METHOD=STEP GLUPREMX HBGL3CN EGRN SCRN RDP50RN
     /DEPENDENT=SEMGL1H GLUDES GLUDESP
     /METHOD=STEP GLUPREMX HBGLMATP EGRN SCRN RDP50RN
     /DEPENDENT=SEMGL1H GLUDES GLUDESP
     /METHOD=STEP GLMATP HBGL3CN EGRN SCRN RDP50RN
     /DEPENDENT=SEMGL1H GLUDES GLUDESP
     /METHOD=STEP GLMATP HBGLMATP EGRN SCRN RDP50RN
     /DEPENDENT=SEMGL1H GLUDES GLUDESP
     /METHOD=STEP GLUPROMP HBGL3CN EGRN SCRN RDP50RN PSSERN PSTRRN
     /DEPENDENT=SEMGL1H GLUDES GLUDESP
     /METHOD=STEP GLUPROMP HBGLMATP EGRN SCRN RDP50RN PSSERN PSTRRN
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     /DEPENDENT=SEMGL1H GLUDES GLUDESP
     /METHOD=STEP GLUPREMX HBGL3CN EGRN SCRN RDP5ORN PSSERN PSTRRN
     /DEPENDENT=SEMGL1H GLUDES GLUDESP
     /METHOD=STEP GLUPREMX HBGLMATP EGRN SCRN RDP5ORN PSSERN PSTRRN
     /DEPENDENT=SEMGL1H GLUDES GLUDESP
     /METHOD=STEP GLMATP HBGL3CN EGRN SCRN RDP5ORN PSSERN PSTRRN
     /DEPENDENT=SEMGL1H GLUDES GLUDESP
     /METHOD=STEP GLMATP HBGLMATP EGRN SCRN RDP5ORN PSSERN PSTRRN.
SET LISTING=OFF.


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* Programa XPD1R013.CNT para estudio de modelos de regresión múltiple por
     grupos neonatales diversos para estudio de la fisiopatología de la
     glucemia en la primera hora de vida.
SET WIDTH=80 PRINTER=OFF LISTING=OFF.
TITLE 'Modelos de regresión múltiple sobre el descenso glucémico'.
SELECT IF (RNTIPO LT 4).
SUBTITLE 'Estudio en todos los hijos de diabética'.
SET LISTING='XPD1R013.RS1'.
REGRESSION VARIABLES=(COLLECT)
    /DESCRIPTIVES=MEAN STDDEV CORR N
    /SELECT=RNTIPO GT 1
    /MISSING=PAIRWISE
    /STATISTICS=R ANOVA COEFF OUTS CI TOL END HISTORY
    /DEPENDENT=SEMGL1H GLUDES GLUDESP
    /METHOD=STEP CPVAR1 IRGVAR1
    /DEPENDENT=SEMGL1H GLUDES GLUDESP
    /METHOD=STEP CPVAR1P IRGVAR1P
    /DEPENDENT=SEMGL1H GLUDES GLUDESP
    /METHOD=STEP CPCORD IRG1H
    /DEPENDENT=SEMGL1H GLUDES GLUDESP
    /METHOD=STEP IRIVAR1 IRGVAR1
    /DEPENDENT=SEMGL1H GLUDES GLUDESP
    /METHOD=STEP IRIVAR1P IRGVAR1P
    /DEPENDENT=SEMGL1H GLUDES GLUDESP
    /METHOD=STEP IRICORD IRG1H.
SET LISTING=OFF.
SUBTITLE 'Estudio en los hijos de diabética gestacional'.
SET LISTING='XPD1R013.RS2'.
REGRESSION VARIABLES=(COLLECT)
    /DESCRIPTIVES=MEAN STDDEV CORR N
    /SELECT=RNTIPO EQ 2
    /MISSING=PAIRWISE
    /STATISTICS=R ANOVA COEFF OUTS CI TOL END HISTORY
    /DEPENDENT=SEMGL1H GLUDES GLUDESP
    /METHOD=STEP CPVAR1 IRGVAR1
    /DEPENDENT=SEMGL1H GLUDES GLUDESP
    /METHOD=STEP CPVAR1P IRGVAR1P
    /DEPENDENT=SEMGL1H GLUDES GLUDESP
    /METHOD=STEP CPCORD IRG1H
    /DEPENDENT=SEMGL1H GLUDES GLUDESP
    /METHOD=STEP IRIVAR1 IRGVAR1
    /DEPENDENT=SEMGL1H GLUDES GLUDESP
    /METHOD=STEP IRIVAR1P IRGVAR1P
    /DEPENDENT=SEMGL1H GLUDES GLUDESP
    /METHOD=STEP IRICORD IRG1H.
SET LISTING=OFF.
SUBTITLE 'Estudio en los hijos de diabética insulinodependiente'.
SET LISTING='XPD1R013.RS3'.
REGRESSION VARIABLES=(COLLECT)
    /DESCRIPTIVES=MEAN STDDEV CORR N
    /SELECT=RNTIPO EQ 3
    /MISSING=PAIRWISE
    /STATISTICS=R ANOVA COEFF OUTS CI TOL END HISTORY
    /DEPENDENT=SEMGL1H GLUDES GLUDESP
    /METHOD=STEP CPVAR1 IRGVAR1
    /DEPENDENT=SEMGL1H GLUDES GLUDESP
    /METHOD=STEP CPVAR1P IRGVAR1P
    /DEPENDENT=SEMGL1H GLUDES GLUDESP
    /METHOD=STEP CPCORD IRG1H
    /DEPENDENT=SEMGL1H GLUDES GLUDESP
    /METHOD=STEP IRIVAR1 IRGVAR1
    /DEPENDENT=SEMGL1H GLUDES GLUDESP
    /METHOD=STEP IRIVAR1P IRGVAR1P
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    /DEPENDENT=SEMGL1H GLUDES GLUDESP
    /METHOD=STEP IRICORD IRG1H.
SET LISTING=OFF.
SUBTITLE 'Descenso glucémico absoluto > 50 mg/dl/hora'.
PROCESS IF (GLUDES GT 50).
SET LISTING='XPD1R013.RS4'.
REGRESSION VARIABLES=(COLLECT)
    /DESCRIPTIVES=MEAN STDDEV CORR N
    /SELECT=RNTIPO GT 1
    /MISSING=PAIRWISE
    /STATISTICS=R ANOVA COEFF OUTS CI TOL END HISTORY
    /DEPENDENT=SEMGL1H GLUDES GLUDESP
    /METHOD=STEP CPVAR1 IRGVAR1
    /DEPENDENT=SEMGL1H GLUDES GLUDESP
    /METHOD=STEP CPVAR1P IRGVAR1P
    /DEPENDENT=SEMGL1H GLUDES GLUDESP
    /METHOD=STEP CPCORD IRG1H
    /DEPENDENT=SEMGL1H GLUDES GLUDESP
    /METHOD=STEP IRIVAR1 IRGVAR1
    /DEPENDENT=SEMGL1H GLUDES GLUDESP
    /METHOD=STEP IRIVAR1P IRGVAR1P
    /DEPENDENT=SEMGL1H GLUDES GLUDESP
    /METHOD=STEP IRICORD IRG1H.
SET LISTING=OFF.
SUBTITLE 'Descenso glucémico % superior a 2 D.E. de la media normal'.
PROCESS IF (GLUDESP GT 72.78).
SET LISTING='XPD1R013.RS5'.
REGRESSION VARIABLES=(COLLECT)
    /DESCRIPTIVES=MEAN STDDEV CORR N
    /SELECT=RNTIPO GT 1
    /MISSING=PAIRWISE
    /STATISTICS=R ANOVA COEFF OUTS CI TOL END HISTORY
    /DEPENDENT=SEMGL1H GLUDES GLUDESP
    /METHOD=STEP CPVAR1 IRGVAR1
    /DEPENDENT=SEMGL1H GLUDES GLUDESP
    /METHOD=STEP CPVAR1P IRGVAR1P
    /DEPENDENT=SEMGL1H GLUDES GLUDESP
    /METHOD=STEP CPCORD IRG1H
    /DEPENDENT=SEMGL1H GLUDES GLUDESP
    /METHOD=STEP IRIVAR1 IRGVAR1
    /DEPENDENT=SEMGL1H GLUDES GLUDESP
    /METHOD=STEP IRIVAR1P IRGVAR1P
    /DEPENDENT=SEMGL1H GLUDES GLUDESP
    /METHOD=STEP IRICORD IRG1H.
SET LISTING=OFF.

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* Programa XPD1R014.CNT para estudio de modelos de regresión multiple por
     grupos neonatales diversos y tomando como variables dependiente los
     marcadores de descenso glucémico.
SET WIDTH=80 PRINTER=OFF LISTING=OFF.
TITLE 'Modelos de regresión múltiple sobre el descenso glucémico'.
SELECT IF (RNTIPO LT 4).
SUBTITLE 'Estudio en los hijos de diabética bien controlada'.
SET LISTING='XPD1R014.RS1'.
REGRESSION VARIABLES=(COLLECT)
     /DESCRIPTIVES=MEAN STDDEV CORR N
     /SELECT=KONTROL EQ 2
     /MISSING=PAIRWISE
     /STATISTICS=R ANOVA COEFF OUTS CI TOL END HISTORY
     /DEPENDENT=SEMGL1H GLUDES GLUDESP
     /METHOD=STEP GLUPROMP HBGL3CN NUMGEST SCMAT RPMATEO
     /DEPENDENT=SEMGL1H GLUDES GLUDESP
     /METHOD=STEP GLUPROMP HBGLMATP NUMGEST SCMAT RPMATEO
     /DEPENDENT=SEMGL1H GLUDES GLUDESP
     /METHOD=STEP GLUPREMX HBGL3CN NUMGEST SCMAT RPMATEO
     /DEPENDENT=SEMGL1H GLUDES GLUDESP
     /METHOD=STEP GLUPREMX HBGLMATP NUMGEST SCMAT RPMATEO
     /DEPENDENT=SEMGL1H GLUDES GLUDESP
     /METHOD=STEP GLMATP HBGL3CN NUMGEST SCMAT RPMATEO
     /DEPENDENT=SEMGL1H GLUDES GLUDESP
     /METHOD=STEP GLMATP HBGLMATP NUMGEST SCMAT RPMATEO
     /DEPENDENT=SEMGL1H GLUDES GLUDESP
     /METHOD=STEP GLCORD EGRN SCRN RDP50RN PHFET
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     /DEPENDENT=SEMGL1H GLUDES GLUDESP
     /METHOD=STEP GLCORD EGRN SCRN RDP50RN PSSERN PSTRRN PHFET
     /DEPENDENT=SEMGL1H GLUDES GLUDESP
     /METHOD=STEP GLCORD NUMGEST SCMAT RPMATEO PHFET
     /DEPENDENT=SEMGL1H GLUDES GLUDESP
     /METHOD=STEP GLUPROMP HBGL3CN EGRN SCRN RDP50RN
     /DEPENDENT=SEMGL1H GLUDES GLUDESP
     /METHOD=STEP GLUPROMP HBGLMATP EGRN SCRN RDP50RN
     /DEPENDENT=SEMGL1H GLUDES GLUDESP
     /METHOD=STEP GLUPREMX HBGL3CN EGRN SCRN RDP50RN
     /DEPENDENT=SEMGL1H GLUDES GLUDESP
     /METHOD=STEP GLUPREMX HBGLMATP EGRN SCRN RDP50RN
     /DEPENDENT=SEMGL1H GLUDES GLUDESP
     /METHOD=STEP GLMATP HBGL3CN EGRN SCRN RDP50RN
     /DEPENDENT=SEMGL1H GLUDES GLUDESP
     /METHOD=STEP GLMATP HBGLMATP EGRN SCRN RDP50RN
     /DEPENDENT=SEMGL1H GLUDES GLUDESP
     /METHOD=STEP GLUPROMP HBGL3CN EGRN SCRN RDP50RN PSSERN PSTRRN
     /DEPENDENT=SEMGL1H GLUDES GLUDESP
     /METHOD=STEP GLUPROMP HBGLMATP EGRN SCRN RDP50RN PSSERN PSTRRN
     /DEPENDENT=SEMGL1H GLUDES GLUDESP
     /METHOD=STEP GLUPREMX HBGL3CN EGRN SCRN RDP50RN PSSERN PSTRRN
     /DEPENDENT=SEMGL1H GLUDES GLUDESP
     /METHOD=STEP GLUPREMX HBGLMATP EGRN SCRN RDP50RN PSSERN PSTRRN
     /DEPENDENT=SEMGL1H GLUDES GLUDESP
     /METHOD=STEP GLMATP HBGL3CN EGRN SCRN RDP50RN PSSERN PSTRRN
     /DEPENDENT=SEMGL1H GLUDES GLUDESP
     /METHOD=STEP GLMATP HBGLMATP EGRN SCRN RDP50RN PSSERN PSTRRN.
SET LISTING=OFF.
SUBTITLE 'Hijos de madre diabética mal controlada'.
SET LISTING='XPD1R014.RS2'.
REGRESSION VARIABLES=(COLLECT)
     /DESCRIPTIVES=MEAN STDDEV CORR N
     /SELECT=KONTROL EQ 3
     /MISSING=PAIRWISE
     /STATISTICS=R ANOVA COEFF OUTS CI TOL END HISTORY
     /DEPENDENT=SEMGL1H GLUDES GLUDESP
     /METHOD=STEP GLUPROMP HBGL3CN NUMGEST SCMAT RPMATEO
     /DEPENDENT=SEMGL1H GLUDES GLUDESP
     /METHOD=STEP GLUPROMP HBGLMATP NUMGEST SCMAT RPMATEO
     /DEPENDENT=SEMGL1H GLUDES GLUDESP
     /METHOD=STEP GLUPREMX HBGL3CN NUMGEST SCMAT RPMATEO
     /DEPENDENT=SEMGL1H GLUDES GLUDESP
     /METHOD=STEP GLUPREMX HBGLMATP NUMGEST SCMAT RPMATEO
     /DEPENDENT=SEMGL1H GLUDES GLUDESP
     /METHOD=STEP GLMATP HBGL3CN NUMGEST SCMAT RPMATEO
     /DEPENDENT=SEMGL1H GLUDES GLUDESP
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     /DEPENDENT=SEMGL1H GLUDES GLUDESP
     /METHOD=STEP GLCORD EGRN SCRN RDP50RN PHFET
     /DEPENDENT=SEMGL1H GLUDES GLUDESP
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     /METHOD=STEP GLCORD NUMGEST SCMAT RPMATEO PHFET
     /DEPENDENT=SEMGL1H GLUDES GLUDESP
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     /METHOD=STEP GLUPROMP HBGLMATP EGRN SCRN RDP50RN
     /DEPENDENT=SEMGL1H GLUDES GLUDESP
     /METHOD=STEP GLUPREMX HBGL3CN EGRN SCRN RDP50RN
     /DEPENDENT=SEMGL1H GLUDES GLUDESP
     /METHOD=STEP GLUPREMX HBGLMATP EGRN SCRN RDP50RN
     /DEPENDENT=SEMGL1H GLUDES GLUDESP
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     /METHOD=STEP GLUPROMP HBGLMATP EGRN SCRN RDP50RN PSSERN PSTRRN
     /DEPENDENT=SEMGL1H GLUDES GLUDESP
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     /METHOD=STEP GLUPREMX HBGLMATP EGRN SCRN RDP50RN PSSERN PSTRRN
     /DEPENDENT=SEMGL1H GLUDES GLUDESP
     /METHOD=STEP GLMATP HBGL3CN EGRN SCRN RDP50RN PSSERN PSTRRN
     /DEPENDENT=SEMGL1H GLUDES GLUDESP
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     /METHOD=STEP GLMATP HBGLMATP EGRN SCRN RDP5ORN PSSERN PSTRRN.
SET LISTING=OFF.

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* Programa XPD1R015.CNT para estudio de modelos de regresión múltiple por
     grupos neonatales diversos para estudio de la fisiopatología de la
     glucemia en la primera hora de vida según control.
SET WIDTH=80 PRINTER=OFF LISTING=OFF.
TITLE 'Modelos de regresión múltiple sobre el descenso glucémico'.
SELECT IF (RNTIPO LT 4).
SUBTITLE 'Estudio los hijos de diabética bien controlada'.
SET LISTING='XPD1R015.RS1'.
REGRESSION VARIABLES=(COLLECT)
    /DESCRIPTIVES=MEAN STDDEV CORR N
    /SELECT=KONTROL EQ 2
    /MISSING=PAIRWISE
    /STATISTICS=R ANOVA COEFF OUTS CI TOL END HISTORY
    /DEPENDENT=SEMGL1H GLUDES GLUDESP
    /METHOD=STEP CPVAR1 IRGVAR1
    /DEPENDENT=SEMGL1H GLUDES GLUDESP
    /METHOD=STEP CPVAR1P IRGVAR1P
    /DEPENDENT=SEMGL1H GLUDES GLUDESP
    /METHOD=STEP CPCORD IRG1H
    /DEPENDENT=SEMGL1H GLUDES GLUDESP
    /METHOD=STEP IRIVAR1 IRGVAR1
    /DEPENDENT=SEMGL1H GLUDES GLUDESP
    /METHOD=STEP IRIVAR1P IRGVAR1P
    /DEPENDENT=SEMGL1H GLUDES GLUDESP
    /METHOD=STEP IRICORD IRG1H.
SET LISTING=OFF.
SUBTITLE 'Estudio en los hijos de diabética mal controlada'.
SET LISTING='XPD1R015.RS2'.
REGRESSION VARIABLES=(COLLECT)
    /DESCRIPTIVES=MEAN STDDEV CORR N
    /SELECT=KONTROL EQ 3
    /MISSING=PAIRWISE
    /STATISTICS=R ANOVA COEFF OUTS CI TOL END HISTORY
    /DEPENDENT=SEMGL1H GLUDES GLUDESP
    /METHOD=STEP CPVAR1 IRGVAR1
    /DEPENDENT=SEMGL1H GLUDES GLUDESP
    /METHOD=STEP CPVAR1P IRGVAR1P
    /DEPENDENT=SEMGL1H GLUDES GLUDESP
    /METHOD=STEP CPCORD IRG1H
    /DEPENDENT=SEMGL1H GLUDES GLUDESP
    /METHOD=STEP IRIVAR1 IRGVAR1
    /DEPENDENT=SEMGL1H GLUDES GLUDESP
    /METHOD=STEP IRIVAR1P IRGVAR1P
    /DEPENDENT=SEMGL1H GLUDES GLUDESP
    /METHOD=STEP IRICORD IRG1H.
SET LISTING=OFF.

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* Programa XPD1R016.CNT para comprobar si existen dirferencias respecto al sexo
     de los recién nacidos.
SET WIDTH=80 PRINTER=OFF LISTING=OFF.
TITLE 'Análisis descriptivo global de variables'.
SUBTITLE 'Diferencias por sexos en las variables crudas'.
SET LISTING='XPD1R016.RS1'.
T-TEST GROUPS=SEXRN(1,2)/VARIABLES=NUMGEST TO PSTRMAT HBGL1CN TO HBGLMATP
     GLMATP TO IRGCORD HBFCORD GLMIN1H TO EBFET.
SET LISTING=OFF.

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* Programa XPD1R017.CNT para completar el estudio descriptivo.
SET PRINTER=OFF LISTING=OFF WIDTH=80.
TITLE 'Análisis descriptivo global'.
SUBTITLE 'Distribución de frecuencias'.
SET LISTING='XPD1R017.RS1'.
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FREQUENCIES VARIABLES=ESTUD1 TO ESTUD7 TIPOGES CONOBSCL PATOMAT VITFET TIPOALIM
     PATORN ASPLA.
SUBTITLE 'Análisis de Chi cuadrado'.
CROSSTABS TABLES=CONOBSCL PATOMAT TIPOALIM PATORN BY RNTIPO
     /OPTIONS=3 4
     /STA=ALL.
SELECT IF (RNTIPO=2 OR RNTIPO=3).
SUBTITLE 'Análisis de Chi cuadrado en diabéticas'.
CROSSTABS TABLES=PATOMAT TIPOALIM PATORN CONDIACL BY RNTIPO
     /OPTIONS=3 4
     /STA=ALL.
SUBTITLE 'Distribución de frecuencias en gestantes insulinodependientes'.
SELECT IF (RNTIPO=3).
FREQUENCIES VARIABLES=HIPOGLU1 TO ACIRIMCL.
FREQUENCIES VARIABLES=INSEX1T TO HBGLMATP ACIRIMCN VISDIAB/STA=ALL.
NPAR TESTS FRIEDMAN=INSEX1T INSEX2T INSEX3T.
NPAR TESTS FRIEDMAN=HBGL1CN HBGL2CN HBGL3CN.
NPAR TESTS FRIEDMAN=HBGL1CN HBGL2CN HBGL3CN HBGLMATP.
SET LISTING=OFF.

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* Programa XPD1R018.CNT para tablas de contingencia.
SET LISTING=OFF PRINTER=OFF WIDTH=80.
TITLE 'Análisis descriptivo global'.
SUBTITLE 'Presentación de tablas de contingencia'.
RECODE TIPOGES (1=1) (2 3=2) (4=4).
SET LISTING='XPD1R018.TB1'.
TABLES FORMAT=MARGIN(15,79) LENGTH(2,64) BOX ZERO CWIDTH(15)
     /PTITLE='Análisis descriptivo global'
     /FTOTAL=CTOTAL 'Total por columna' RTOTAL 'Total por fila'
     /TABLE=(CONOBSCL + CTOTAL) BY (TIPOGES + RTOTAL)
     /STATISTICS=COUNT(CONOBSCL'') CPCT(CONOBSCL'':CONOBSCL)
                 CPCT(CONOBSCL' ':TIPOGES)
     /TTITLE='Control obstétrico según tipo de gestante'.
SET LISTING=OFF.

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* Programa XPD1R019.CNT para tablas de contingencia.
SET LISTING=OFF PRINTER=OFF WIDTH=80.
TITLE 'Análisis descriptivo global'.
SUBTITLE 'Presentación de tablas de contingencia'.
RECODE TIPOGES (1=1) (2 3=2) (4=4).
SET LISTING='XPD1R019.RS1'.
CROSSTABS TABLES=TIPOALIM PATORN BY TIPOGES/OPTIONS=3 4/
     /STATISTICS=ALL.
SET LISTING='XPD1R019.TB1'.
TABLES FORMAT=MARGIN(15,79) LENGTH(2,64) BOX ZERO CWIDTH(15)
     /PTITLE='Análisis descriptivo global'
     /FTOTAL=CTOTAL 'Total por columna' RTOTAL 'Total por fila'
     /TABLE=(TIPOALIM + CTOTAL) BY (TIPOGES + RTOTAL)
     /STATISTICS=COUNT(TIPOALIM'') CPCT(TIPOALIM'':TIPOALIM)
                 CPCT(TIPOALIM' ':TIPOGES)
     /TTITLE='Alimentación neonatal según tipo de gestante'.
TABLES FORMAT=MARGIN(15,79) LENGTH(2,64) BOX ZERO CWIDTH(15)
     /PTITLE='Análisis descriptivo global'
     /FTOTAL=CTOTAL 'Total por columna' RTOTAL 'Total por fila'
     /TABLE=(PATORN + CTOTAL) BY (TIPOGES + RTOTAL)
     /STATISTICS=COUNT(PATORN'') CPCT(PATORN'':PATORN)
                 CPCT(PATORN' ':TIPOGES)
     /TTITLE='Patología neonatal según tipo de gestante'.
SET LISTING=OFF.

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* Programa XPD1R020.CNT para análisis de las correlaciones de la HbA1 de las
     gestantes diabéticas.
SET LISTING=OFF PRINTER=OFF WIDTH=80.
TITLE 'Análisis descriptivo global'.
SUBTITLE 'Correlación de hemoglobinas glucosiladas'.
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SET LISTING='XPD1R020.RS1'.
PLOT /TITLE='Correlación entre la HbA1 del tercer trimestre y del parto'
     /FORMAT=REGRESSION
     /PLOT=HBGL3CN WITH HBGLMATP
     /TITLE='Correlación entre la HbA1 de la última semana y del parto'
     /FORMAT=REGRESSION
     /PLOT=HBGLUSCN WITH HBGLMATP.
CORRELATION VARIABLES=HBGL3CN HBGLUSCN WITH HBGLMATP
     /OPTIONS=2 3 5
     /STATISTICS=1.
DISPLAY HBGL3CN TO HBGLMATP.
SET LISTING=OFF.

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* Programa XPD1R021.CNT para análisis apareado de los parámetros metabólicos
     neonatales en cordón y a los 60 minutos de vida.
SET PRINTER=OFF LISTING=OFF WIDTH=80.
TITLE 'Análisis apareado de parámetros metabólicos neonatales'.
SELECT IF (RNTIPO LT 4).
SET LISTING='XPD1R021.RS1'.
PROCESS IF (RNTIPO=1).
SUBTITLE 'Recién nacidos normales'.
T-TEST PAIRS=GLCORD IRICORD CPCORD IRGCORD RIRIGSC RCPGSC RIRGGSC RIRICPSC
     RIRIRGSC RCPIRGSC WITH GLMIN1H IRI1H CP1H IRG1H RIRIG1H RCPG1H RIRGG1H
     RIRICP1H RIRIRG1H RCPIRG1H
    /OPTIONS=5.
SUBTITLE 'R.N. HMD tipo A de White'.
PROCESS IF (RNTIPO=2).
T-TEST PAIRS=GLCORD IRICORD CPCORD IRGCORD RIRIGSC RCPGSC RIRGGSC RIRICPSC
     RIRIRGSC RCPIRGSC WITH GLMIN1H IRI1H CP1H IRG1H RIRIG1H RCPG1H RIRGG1H
     RIRICP1H RIRIRG1H RCPIRG1H
    /OPTIONS=5.
SUBTITLE 'R.N. HMD tipos B,C y D de White'.
PROCESS IF (RNTIPO=3).
T-TEST PAIRS=GLCORD IRICORD CPCORD IRGCORD RIRIGSC RCPGSC RIRGGSC RIRICPSC
     RIRIRGSC RCPIRGSC WITH GLMIN1H IRI1H CP1H IRG1H RIRIG1H RCPG1H RIRGG1H
     RIRICP1H RIRIRG1H RCPIRG1H
    /OPTIONS=5.
SUBTITLE 'R.N. HMD con HbA1 ≤ 8.2%'.
PROCESS IF (KONTROL=2).
T-TEST PAIRS=GLCORD IRICORD CPCORD IRGCORD RIRIGSC RCPGSC RIRGGSC RIRICPSC
     RIRIRGSC RCPIRGSC WITH GLMIN1H IRI1H CP1H IRG1H RIRIG1H RCPG1H RIRGG1H
     RIRICP1H RIRIRG1H RCPIRG1H
    /OPTIONS=5.
SUBTITLE 'R.N. HMD con HbA1 > 8.2%'.
PROCESS IF (KONTROL=3).
T-TEST PAIRS=GLCORD IRICORD CPCORD IRGCORD RIRIGSC RCPGSC RIRGGSC RIRICPSC
     RIRIRGSC RCPIRGSC WITH GLMIN1H IRI1H CP1H IRG1H RIRIG1H RCPG1H RIRGG1H
     RIRICP1H RIRIRG1H RCPIRG1H
    /OPTIONS=5.
SET LISTING='XPD1R021.RS2'.
PROCESS IF (RNTIPO=1).
SUBTITLE 'Recién nacidos normales'.
NPAR TESTS WILCOXON=GLCORD IRICORD CPCORD IRGCORD RIRIGSC RCPGSC RIRGGSC
     RIRICPSC RIRIRGSC RCPIRGSC WITH GLMIN1H IRI1H CP1H IRG1H RIRIG1H RCPG1H
     RIRGG1H RIRICP1H RIRIRG1H RCPIRG1H
    /OPTIONS=3.
SUBTITLE 'R.N. HMD tipo A de White'.
PROCESS IF (RNTIPO=2).
NPAR TESTS WILCOXON=GLCORD IRICORD CPCORD IRGCORD RIRIGSC RCPGSC RIRGGSC
     RIRICPSC RIRIRGSC RCPIRGSC WITH GLMIN1H IRI1H CP1H IRG1H RIRIG1H RCPG1H
     RIRGG1H RIRICP1H RIRIRG1H RCPIRG1H
    /OPTIONS=3.
SUBTITLE 'R.N. HMD tipos B,C y D de White'.
PROCESS IF (RNTIPO=3).
NPAR TESTS WILCOXON=GLCORD IRICORD CPCORD IRGCORD RIRIGSC RCPGSC RIRGGSC
     RIRICPSC RIRIRGSC RCPIRGSC WITH GLMIN1H IRI1H CP1H IRG1H RIRIG1H RCPG1H
     RIRGG1H RIRICP1H RIRIRG1H RCPIRG1H
    /OPTIONS=3.
SUBTITLE 'R.N. HMD con HbA1 ≤ 8.2%'.
PROCESS IF (KONTROL=2).
NPAR TESTS WILCOXON=GLCORD IRICORD CPCORD IRGCORD RIRIGSC RCPGSC RIRGGSC
     RIRICPSC RIRIRGSC RCPIRGSC WITH GLMIN1H IRI1H CP1H IRG1H RIRIG1H RCPG1H
     RIRGG1H RIRICP1H RIRIRG1H RCPIRG1H
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    /OPTIONS=3.
SUBTITLE 'R.N. HMD con HbA1 > 8.2%'.
PROCESS IF (KONTROL=3).
NPAR TESTS WILCOXON=GLCORD IRICORD CPCORD IRGCORD RIRIGSC RCPGSC RIRGGSC
     RIRICPSC RIRIRGSC RCPIRGSC WITH GLMIN1H IRI1H CP1H IRG1H RIRIG1H RCPG1H
     RIRGG1H RIRICP1H RIRIRG1H RCPIRG1H
    /OPTIONS=3.
SET LISTING='XPD1R021.TB1'.
TABLES / FORMAT=MARGIN(15,79) LENGTH(2,64) BOX ZERO CWIDTH(20) LEADER('.')
    /PTITLE='Análisis de datos apareados'
    /OBSERVATION=GLCORD TO IRGCORD GLMIN1H TO IRG1H RIRIGSC TO RCPIRG1H
    /TABLE=(GLCORD + GLMIN1H) BY RNTIPO
       /STATISTICS=VALIDN('Nº de casos') MEAN('Media')
        SEMEAN('Error estándar') STDDEV('Desv. estándar')
       /TFOOTNOTE=LEFT'Variación glucémica analizada por grupos'
    /TABLE=(IRICORD + IRI1H) BY RNTIPO
       /STATISTICS=VALIDN('Nº de casos') MEAN('Media')
        SEMEAN('Error estándar') STDDEV('Desv. estándar')
       /TFOOTNOTE=LEFT'Variación de la insulinemia analizada por grupos'
    /TABLE=(CPCORD + CP1H) BY RNTIPO
       /STATISTICS=VALIDN('Nº de casos') MEAN('Media')
        SEMEAN('Error estándar') STDDEV('Desv. estándar')
       /TFOOTNOTE=LEFT'Variación del C-péptido analizado por grupos'
    /TABLE=(IRGCORD + IRG1H) BY RNTIPO
       /STATISTICS=VALIDN('Nº de casos') MEAN('Media')
        SEMEAN('Error estándar') STDDEV('Desv. estándar')
       /TFOOTNOTE=LEFT'Variación del glucagón analizada por grupos'
    /TABLE=(RIRIGSC + RIRIG1H) BY RNTIPO
       /STATISTICS=VALIDN('Nº de casos') MEAN('Media')
        SEMEAN('Error estándar') STDDEV('Desv. estándar')
       /TFOOTNOTE=LEFT'Variación de la ratio IRI/Glucosa analizada por grupos'
    /TABLE=(RCPGSC + RCPG1H) BY RNTIPO
       /STATISTICS=VALIDN('Nº de casos') MEAN('Media')
        SEMEAN('Error estándar') STDDEV('Desv. estándar')
       /TFOOTNOTE=LEFT'Variación de la ratio CPR/Glucosa analizada por grupos'
    /TABLE=(RIRGGSC + RIRGG1H) BY RNTIPO
       /STATISTICS=VALIDN('Nº de casos') MEAN('Media')
        SEMEAN('Error estándar') STDDEV('Desv. estándar')
       /TFOOTNOTE=LEFT'Variación de la ratio IRG/Glucosa analizada por grupos'
    /TABLE=(RIRICPSC + RIRICP1H) BY RNTIPO
       /STATISTICS=VALIDN('Nº de casos') MEAN('Media')
        SEMEAN('Error estándar') STDDEV('Desv. estándar')
       /TFOOTNOTE=LEFT'Variación de la ratio IRI/CPR analizada por grupos'
    /TABLE=(RIRIRGSC + RIRIRG1H) BY RNTIPO
       /STATISTICS=VALIDN('Nº de casos') MEAN('Media')
        SEMEAN('Error estándar') STDDEV('Desv. estándar')
       /TFOOTNOTE=LEFT'Variación de la ratio IRI/IRG analizada por grupos'
    /TABLE=(RCPIRGSC + RCPIRG1H) BY RNTIPO
       /STATISTICS=VALIDN('Nº de casos') MEAN('Media')
        SEMEAN('Error estándar') STDDEV('Desv. estándar')
       /TFOOTNOTE=LEFT'Variación de la ratio CPR/IRG analizada por grupos'.
SET LISTING='XPD1R021.TB2'.
TABLES / FORMAT=MARGIN(15,79) LENGTH(2,64) BOX ZERO CWIDTH(20) LEADER('.')
    /PTITLE='Análisis de datos apareados'
    /OBSERVATION=GLCORD TO IRGCORD GLMIN1H TO IRG1H RIRIGSC TO RCPIRG1H
    /TABLE=(GLCORD + GLMIN1H) BY KONTROL
       /STATISTICS=VALIDN('Nº de casos') MEAN('Media')
        SEMEAN('Error estándar') STDDEV('Desv. estándar')
       /TFOOTNOTE=LEFT'Variación glucémica analizada por grupos'
    /TABLE=(IRICORD + IRI1H) BY KONTROL
       /STATISTICS=VALIDN('Nº de casos') MEAN('Media')
        SEMEAN('Error estándar') STDDEV('Desv. estándar')
       /TFOOTNOTE=LEFT'Variación de la insulinemia analizada por grupos'
    /TABLE=(CPCORD + CP1H) BY KONTROL
       /STATISTICS=VALIDN('Nº de casos') MEAN('Media')
        SEMEAN('Error estándar') STDDEV('Desv. estándar')
       /TFOOTNOTE=LEFT'Variación del C-péptido analizado por grupos'
    /TABLE=(IRGCORD + IRG1H) BY KONTROL
       /STATISTICS=VALIDN('Nº de casos') MEAN('Media')
        SEMEAN('Error estándar') STDDEV('Desv. estándar')
       /TFOOTNOTE=LEFT'Variación del glucagón analizada por grupos'
    /TABLE=(RIRIGSC + RIRIG1H) BY KONTROL
       /STATISTICS=VALIDN('Nº de casos') MEAN('Media')
        SEMEAN('Error estándar') STDDEV('Desv. estándar')
       /TFOOTNOTE=LEFT'Variación de la ratio IRI/Glucosa analizada por grupos'
    /TABLE=(RCPGSC + RCPG1H) BY KONTROL
       /STATISTICS=VALIDN('Nº de casos') MEAN('Media')
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        SEMEAN('Error estándar') STDDEV('Desv. estándar')
       /TFOOTNOTE=LEFT'Variación de la ratio CPR/Glucosa analizada por grupos'
    /TABLE=(RIRGGSC + RIRGG1H) BY KONTROL
       /STATISTICS=VALIDN('Nº de casos') MEAN('Media')
        SEMEAN('Error estándar') STDDEV('Desv. estándar')
       /TFOOTNOTE=LEFT'Variación de la ratio IRG/Glucosa analizada por grupos'
    /TABLE=(RIRICPSC + RIRICP1H) BY KONTROL
       /STATISTICS=VALIDN('Nº de casos') MEAN('Media')
        SEMEAN('Error estándar') STDDEV('Desv. estándar')
       /TFOOTNOTE=LEFT'Variación de la ratio IRI/CPR analizada por grupos'
    /TABLE=(RIRIRGSC + RIRIRG1H) BY KONTROL
       /STATISTICS=VALIDN('Nº de casos') MEAN('Media')
        SEMEAN('Error estándar') STDDEV('Desv. estándar')
       /TFOOTNOTE=LEFT'Variación de la ratio IRI/IRG analizada por grupos'
    /TABLE=(RCPIRGSC + RCPIRG1H) BY KONTROL
       /STATISTICS=VALIDN('Nº de casos') MEAN('Media')
        SEMEAN('Error estándar') STDDEV('Desv. estándar')
       /TFOOTNOTE=LEFT'Variación de la ratio CPR/IRG analizada por grupos'.
SET LISTING=OFF.

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* Programa XPD1R022.CNT para análisis de las variaciones de las ratios molares
     durante la 1ª hora de vida.
SET PRINTER=OFF LISTING=OFF WIDTH=80.
TITLE 'Análisis de las variaciones de ratios en la 1ª hora'.
SELECT IF (RNTIPO LT 4).
SET LISTING='XPD1R022.RS1'.
SUBTITLE 'Según tipo de recién nacido'.
ONEWAY VARIABLES=RIRIGA1 TO RCPIRGP1 BY RNTIPO(1,3)
    /CONTRAST=-1 .5 .5
    /CONTRAST=0 -1 1
    /RANGES=SCHEFFE
    /STA=3.
NPAR TESTS K-W=RIRIGA1 TO RCPIRGP1 BY RNTIPO(1,3).
NPAR TESTS M-W=RIRIGA1 TO RCPIRGP1 BY RNTIPO(1,2).
NPAR TESTS M-W=RIRIGA1 TO RCPIRGP1 BY RNTIPO(1,3).
NPAR TESTS M-W=RIRIGA1 TO RCPIRGP1 BY RNTIPO(2,3).
SET LISTING='XPD1R022.RS2'.
SUBTITLE 'Según control materno por HbA1'.
ONEWAY VARIABLES=RIRIGA1 TO RCPIRGP1 BY KONTROL(1,3)
    /CONTRAST=-1 .5 .5
    /CONTRAST=0 -1 1
    /RANGES=SCHEFFE
    /STA=3.
NPAR TESTS K-W=RIRIGA1 TO RCPIRGP1 BY KONTROL(1,3).
NPAR TESTS M-W=RIRIGA1 TO RCPIRGP1 BY KONTROL(1,2).
NPAR TESTS M-W=RIRIGA1 TO RCPIRGP1 BY KONTROL(1,3).
NPAR TESTS M-W=RIRIGA1 TO RCPIRGP1 BY KONTROL(2,3).
SET LISTING='XPD1R022.TB1'.
TABLES / FORMATS MARGIN(15,79) LENGTH(2,64) BOX ZERO CWIDTH(20) LEADER ('.')
    /PTITLE='Variaciones entre las ratios molares'
    /OBSERVATION=RIRIGA1 TO RCPIRGP1
    /TABLE=(RIRIGA1 + RCPGA1 + RIRGGA1 + RIRICPA1 + RIRIRGA1 + RCPIRGA1) BY
         RNTIPO
    /STATISTICS=VALIDN('Nº de casos') MEAN('Media') SEMEAN('Error estándar')
         STDDEV('Desv. estándar')
    /TFOOTNOTE=LEFT'Comparación de las variaciones absolutas de las ratios'
               'según el tipo de recién nacido'
    /TABLE=(RIRIGP1 + RCPGP1 + RIRGGP1 + RIRICPP1 + RIRIRGP1 + RCPIRGP1) BY
         RNTIPO
    /STATISTICS=VALIDN('Nº de casos') MEAN('Media') SEMEAN('Error estándar')
         STDDEV('Desv. estándar')
    /TFOOTNOTE=LEFT'Comparación de las variaciones porcentuales de las ratios'
               'según el tipo de recién nacido'.
SET LISTING='XPD1R022.TB2'.
TABLES / FORMATS MARGIN(15,79) LENGTH(2,64) BOX ZERO CWIDTH(20) LEADER ('.')
    /PTITLE='Variaciones entre las ratios molares'
    /OBSERVATION=RIRIGA1 TO RCPIRGP1
    /TABLE=(RIRIGA1 + RCPGA1 + RIRGGA1 + RIRICPA1 + RIRIRGA1 + RCPIRGA1) BY
         KONTROL
    /STATISTICS=VALIDN('Nº de casos') MEAN('Media') SEMEAN('Error estándar')
         STDDEV('Desv. estándar')
    /TFOOTNOTE=LEFT'Comparación de las variaciones absolutas de las ratios'
               'según el control metabólico materno'
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    /TABLE=(RIRIGP1 + RCPGP1 + RIRGGP1 + RIRICPP1 + RIRIRGP1 + RCPIRGP1) BY
         KONTROL
    /STATISTICS=VALIDN('Nº de casos') MEAN('Media') SEMEAN('Error estándar')
         STDDEV('Desv. estándar')
    /TFOOTNOTE=LEFT'Comparación de las variaciones porcentuales de las ratios'
               'según el control metabólico materno'.
SET LISTING=OFF.


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* Programa XPD1R023.CNT para estudio de la regresión múltiple forzada con las
     variables más involucradas.
SET LISTING=OFF PRINTER=OFF WIDTH=80.
TITLE 'Regresión múltiple forzada'.
SELECT IF (RNTIPO LT 4).
SUBTITLE 'Estudio en todos los hijos de diabética'.
SET LISTING='XPD1R023.RS1'.
PROCESS IF (RNTIPO GT 1).
REGRESSION VARIABLES=(COLLECT)
     /DESCRIPTIVES=MEAN STDDEV CORR N
     /MISSING=PAIRWISE
     /WIDTH=132
     /STATISTICS=R ANOVA COEFF OUTS CI TOL END HISTORY
     /DEPENDENT=SEMGL1H GLUDES GLUDESP
     /METHOD=ENTER GLUPROMP HBGLMATP PSSERN PHFET
     /RESIDUALS=DEFAULT ID(CODIGO)
     /CASEWISE
     /DEPENDENT=SEMGL1H GLUDES GLUDESP
     /METHOD=ENTER GLCORD HBGLMATP PSSERN PHFET
     /RESIDUALS=DEFAULT ID(CODIGO)
     /CASEWISE
     /DEPENDENT=SEMGL1H GLUDES GLUDESP
     /METHOD=ENTER GLUPROMP HBGL3CN PSSERN PHFET
     /RESIDUALS=DEFAULT ID(CODIGO)
     /CASEWISE
     /DEPENDENT=SEMGL1H GLUDES GLUDESP
     /METHOD=ENTER GLCORD HBGL3CN PSSERN PHFET
     /RESIDUALS=DEFAULT ID(CODIGO)
     /CASEWISE.
SUBTITLE 'Estudio en los HMD tipo A de White'.
SET LISTING='XPD1R023.RS2'.
PROCESS IF (RNTIPO GT 1).
REGRESSION VARIABLES=(COLLECT)
     /DESCRIPTIVES=MEAN STDDEV CORR N
     /SELECT=RNTIPO EQ 2
     /MISSING=PAIRWISE
     /WIDTH=132
     /STATISTICS=R ANOVA COEFF OUTS CI TOL END HISTORY
     /DEPENDENT=SEMGL1H GLUDES GLUDESP
     /METHOD=ENTER GLCORD EGRN PHFET
     /RESIDUALS=DEFAULT ID(CODIGO)
     /CASEWISE
     /DEPENDENT=SEMGL1H GLUDES GLUDESP
     /METHOD=ENTER GLMATP EGRN PHFET
     /RESIDUALS=DEFAULT ID(CODIGO)
     /CASEWISE.
SUBTITLE 'Estudio en los HMD tipos B,C y D de White'.
SET LISTING='XPD1R023.RS3'.
PROCESS IF (RNTIPO GT 1).
REGRESSION VARIABLES=(COLLECT)
     /DESCRIPTIVES=MEAN STDDEV CORR N
     /SELECT=RNTIPO EQ 3
     /MISSING=PAIRWISE
     /WIDTH=132
     /STATISTICS=R ANOVA COEFF OUTS CI TOL END HISTORY
     /DEPENDENT=SEMGL1H GLUDES GLUDESP
     /METHOD=ENTER GLMATP HBGL3CN PSSERN NUMGEST PHFET
     /RESIDUALS=DEFAULT ID(CODIGO)
     /CASEWISE
     /DEPENDENT=SEMGL1H GLUDES GLUDESP
     /METHOD=ENTER GLMATP HBGLMATP PSSERN NUMGEST PHFET
     /RESIDUALS=DEFAULT ID(CODIGO)
     /CASEWISE
     /DEPENDENT=SEMGL1H GLUDES GLUDESP
     /METHOD=ENTER GLCORD HBGL3CN PSSERN NUMGEST PHFET
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     /RESIDUALS=DEFAULT ID(CODIGO)
     /CASEWISE
     /DEPENDENT=SEMGL1H GLUDES GLUDESP
     /METHOD=ENTER GLCORD HBGLMATP PSSERN NUMGEST PHFET
     /RESIDUALS=DEFAULT ID(CODIGO)
     /CASEWISE.
SUBTITLE 'Estudio en los HMD con descenso glucémico > 50 mg/dl/hora'.
PROCESS IF (GLUDES GT 50).
SET LISTING='XPD1R023.RS4'.
REGRESSION VARIABLES=(COLLECT)
     /DESCRIPTIVES=MEAN STDDEV CORR N
     /MISSING=PAIRWISE
     /WIDTH=132
     /STATISTICS=R ANOVA COEFF OUTS CI TOL END HISTORY
     /DEPENDENT=SEMGL1H GLUDES GLUDESP
     /METHOD=ENTER GLUPREMX HBGLMATP EGRN
     /RESIDUALS=DEFAULT ID(CODIGO)
     /CASEWISE
     /DEPENDENT=SEMGL1H GLUDES GLUDESP
     /METHOD=ENTER GLUPROMP HBGLMATP EGRN
     /RESIDUALS=DEFAULT ID(CODIGO)
     /CASEWISE
     /DEPENDENT=SEMGL1H GLUDES GLUDESP
     /METHOD=ENTER GLCORD HBGLMATP EGRN
     /RESIDUALS=DEFAULT ID(CODIGO)
     /CASEWISE.
SUBTITLE 'Estudio en los HMD con descenso glucémico > 2 SD'.
PROCESS IF (GLUDESP GT 72.78).
SET LISTING='XPD1R023.RS5'.
REGRESSION VARIABLES=(COLLECT)
     /DESCRIPTIVES=MEAN STDDEV CORR N
     /MISSING=PAIRWISE
     /WIDTH=132
     /STATISTICS=R ANOVA COEFF OUTS CI TOL END HISTORY
     /DEPENDENT=SEMGL1H GLUDES GLUDESP
     /METHOD=ENTER GLCORD HBGLMATP
     /RESIDUALS=DEFAULT ID(CODIGO)
     /CASEWISE.
SUBTITLE 'Estudio en HMD con HbA1 ≤ 8.2%'.
SET LISTING='XPD1R023.RS6'.
PROCESS IF (RNTIPO GT 1).
REGRESSION VARIABLES=(COLLECT)
     /DESCRIPTIVES=MEAN STDDEV CORR N
     /SELECT=KONTROL EQ 2
     /MISSING=PAIRWISE
     /WIDTH=132
     /STATISTICS=R ANOVA COEFF OUTS CI TOL END HISTORY
     /DEPENDENT=SEMGL1H GLUDES GLUDESP
     /METHOD=ENTER GLUPROMP SCMAT PHFET
     /RESIDUALS=DEFAULT ID(CODIGO)
     /CASEWISE
     /DEPENDENT=SEMGL1H GLUDES GLUDESP
     /METHOD=ENTER GLMATP SCMAT PHFET
     /RESIDUALS=DEFAULT ID(CODIGO)
     /CASEWISE
     /DEPENDENT=SEMGL1H GLUDES GLUDESP
     /METHOD=ENTER GLCORD SCMAT PHFET
     /RESIDUALS=DEFAULT ID(CODIGO)
     /CASEWISE.
SUBTITLE 'Estudio en HMD con HbA1 > 8.2%'.
SET LISTING='XPD1R023.RS7'.
PROCESS IF (RNTIPO GT 1).
REGRESSION VARIABLES=(COLLECT)
     /DESCRIPTIVES=MEAN STDDEV CORR N
     /SELECT=KONTROL EQ 3
     /MISSING=PAIRWISE
     /WIDTH=132
     /STATISTICS=R ANOVA COEFF OUTS CI TOL END HISTORY
     /DEPENDENT=SEMGL1H GLUDES GLUDESP
     /METHOD=ENTER GLUPROMP
     /RESIDUALS=DEFAULT ID(CODIGO)
     /CASEWISE
     /DEPENDENT=SEMGL1H GLUDES GLUDESP
     /METHOD=ENTER GLUPREMX
     /RESIDUALS=DEFAULT ID(CODIGO)
     /CASEWISE
     /DEPENDENT=SEMGL1H GLUDES GLUDESP
```

```
     /METHOD=ENTER GLCORD
     /RESIDUALS=DEFAULT ID(CODIGO)
     /CASEWISE.
SET LISTING=OFF.

################################################################################

* Programa XPD1R024.CNT para la confección de tablas de las variaciones
     hormonales absolutas y porcentuales.
SET LISTING=OFF PRINTER=OFF WIDTH=80.
SELECT IF (RNTIPO LT 4).
TITLE 'Variaciones hormonales absolutas'.
SET LISTING='XPD1R024.TB1'.
TABLES / FORMATS=MARGINS(15,79) LENGTH(2,64) BOX ZERO CWIDTH(20) LEADER('.')
     /OBSERVATION=GLUDES TO IRGVAR1P
     /TABLE=(GLUDES + IRIVAR1 + CPVAR1 + IRGVAR1) BY RNTIPO
        /STATISTICS=VALIDN('Nº de casos') MEAN('Media')
           SEMEAN('Error estándar') STDDEV('Desv. estándar')
        /TFOOTNOTE=LEFT'Variación hormonal absoluta en la 1ª hora de vida'
                   'según tipo de recién nacido'
     /TABLE=(GLUDESP + IRIVAR1P + CPVAR1P + IRGVAR1P) BY RNTIPO
        /STATISTICS=VALIDN('Nº de casos') MEAN('Media')
           SEMEAN('Error estándar') STDDEV('Desv. estándar')
        /TFOOTNOTE=LEFT'Variación hormonal porcentual en la 1ª hora de vida'
                   'según tipo de recién nacido'
     /TABLE=(GLUDES + IRIVAR1 + CPVAR1 + IRGVAR1) BY KONTROL
        /STATISTICS=VALIDN('Nº de casos') MEAN('Media')
           SEMEAN('Error estándar') STDDEV('Desv. estándar')
        /TFOOTNOTE=LEFT'Variación hormonal absoluta en la 1ª hora de vida'
                   'según control materno por HbA1'
     /TABLE=(GLUDESP + IRIVAR1P + CPVAR1P + IRGVAR1P) BY KONTROL
        /STATISTICS=VALIDN('Nº de casos') MEAN('Media')
           SEMEAN('Error estándar') STDDEV('Desv. estándar')
        /TFOOTNOTE=LEFT'Variación hormonal porcentual en la 1ª hora de vida'
                   'según control materno por HbA1'.
SET LISTING=OFF.

################################################################################

* Programa XPD1R025.CNT para estudio de la regresión múltiple con las
     variables más involucradas.
SET LISTING=OFF PRINTER=OFF WIDTH=132 LENGTH=59.
TITLE 'Regresión múltiple óptima'.
SELECT IF (RNTIPO LT 4).
SUBTITLE 'Estudio en todos los hijos de diabética'.
SET LISTING='XPD1R025.RS1'.
PROCESS IF (RNTIPO GT 1).
REGRESSION VARIABLES=(COLLECT)
     /DESCRIPTIVES=MEAN STDDEV CORR N
     /MISSING=PAIRWISE
     /WIDTH=132
     /STATISTICS=R ANOVA COEFF OUTS CI TOL END HISTORY
     /DEPENDENT=SEMGL1H
     /METHOD=STEP GLCORD EGRN SCRN RDP5ORN PSSERN PSTRRN PHFET
     /RESIDUALS=SIZE(SMALL) DURBIN HISTOGRAM(ZRESID) NORMPROB(ZRESID)
     /DEPENDENT=SEMGL1H
     /METHOD=ENTER GLCORD HBGLMATP PSSERN PHFET
     /RESIDUALS=SIZE(SMALL) DURBIN HISTOGRAM(ZRESID) NORMPROB(ZRESID)
     /DEPENDENT=GLUDES
     /METHOD=STEP GLCORD EGRN SCRN RDP5ORN PSSERN PSTRRN PHFET
     /RESIDUALS=SIZE(SMALL) DURBIN HISTOGRAM(ZRESID) NORMPROB(ZRESID)
     /DEPENDENT=GLUDES
     /METHOD=ENTER GLCORD HBGL3CN PSSERN PHFET
     /RESIDUALS=SIZE(SMALL) DURBIN HISTOGRAM(ZRESID) NORMPROB(ZRESID)
     /DEPENDENT=GLUDESP
     /METHOD=STEP GLUPROMP HBGL3CN NUMGEST SCMAT RPMATEO
     /RESIDUALS=SIZE(SMALL) DURBIN HISTOGRAM(ZRESID) NORMPROB(ZRESID)
     /DEPENDENT=GLUDESP
     /METHOD=ENTER GLUPROMP HBGLMATP PSSERN PHFET
     /RESIDUALS=SIZE(SMALL) DURBIN HISTOGRAM(ZRESID) NORMPROB(ZRESID).
SUBTITLE 'Estudio en los HMD tipo A de White'.
SET LISTING='XPD1R025.RS2'.
PROCESS IF (RNTIPO GT 1).
```

```
REGRESSION VARIABLES=(COLLECT)
     /DESCRIPTIVES=MEAN STDDEV CORR N
     /SELECT=RNTIPO EQ 2
     /MISSING=PAIRWISE
     /WIDTH=132
     /STATISTICS=R ANOVA COEFF OUTS CI TOL END HISTORY
     /DEPENDENT=SEMGL1H
     /METHOD=STEP GLCORD EGRN SCRN RDP5ORN PSSERN PSTRRN PHFET
     /RESIDUALS=SIZE(SMALL) DURBIN HISTOGRAM(ZRESID) NORMPROB(ZRESID)
     /DEPENDENT=GLUDES
     /METHOD=STEP GLCORD EGRN SCRN RDP5ORN PHFET
     /RESIDUALS=SIZE(SMALL) DURBIN HISTOGRAM(ZRESID) NORMPROB(ZRESID)
     /DEPENDENT=GLUDES
     /METHOD=ENTER GLCORD EGRN PHFET
     /RESIDUALS=SIZE(SMALL) DURBIN HISTOGRAM(ZRESID) NORMPROB(ZRESID)
     /DEPENDENT=GLUDESP
     /METHOD=STEP GLCORD EGRN SCRN RDP5ORN PHFET
     /RESIDUALS=SIZE(SMALL) DURBIN HISTOGRAM(ZRESID) NORMPROB(ZRESID)
     /DEPENDENT=GLUDESP
     /METHOD=ENTER PHFET GLCORD EGRN
     /RESIDUALS=SIZE(SMALL) DURBIN HISTOGRAM(ZRESID) NORMPROB(ZRESID).
SUBTITLE 'Estudio en los HMD tipos B,C y D de White'.
SET LISTING='XPD1R025.RS3'.
PROCESS IF (RNTIPO GT 1).
REGRESSION VARIABLES=(COLLECT)
     /DESCRIPTIVES=MEAN STDDEV CORR N
     /SELECT=RNTIPO EQ 3
     /MISSING=PAIRWISE
     /WIDTH=132
     /STATISTICS=R ANOVA COEFF OUTS CI TOL END HISTORY
     /DEPENDENT=SEMGL1H
     /METHOD=STEP GLUPREMX HBGL3CN EGRN SCRN RDP5ORN
     /RESIDUALS=SIZE(SMALL) DURBIN HISTOGRAM(ZRESID) NORMPROB(ZRESID)
     /DEPENDENT=SEMGL1H
     /METHOD=ENTER GLCORD HBGL3CN PSSERN NUMGEST PHFET
     /RESIDUALS=SIZE(SMALL) DURBIN HISTOGRAM(ZRESID) NORMPROB(ZRESID)
     /DEPENDENT=GLUDES
     /METHOD=STEP GLMATP HBGL3CN NUMGEST SCMAT RPMATEO
     /RESIDUALS=SIZE(SMALL) DURBIN HISTOGRAM(ZRESID) NORMPROB(ZRESID)
     /DEPENDENT=GLUDES
     /METHOD=ENTER GLMATP HBGL3CN PSSERN NUMGEST PHFET
     /RESIDUALS=SIZE(SMALL) DURBIN HISTOGRAM(ZRESID) NORMPROB(ZRESID)
     /DEPENDENT=GLUDESP
     /METHOD=STEP GLUPROMP HBGL3CN NUMGEST SCMAT RPMATEO
     /RESIDUALS=SIZE(SMALL) DURBIN HISTOGRAM(ZRESID) NORMPROB(ZRESID)
     /DEPENDENT=GLUDESP
     /METHOD=ENTER GLMATP HBGL3CN PSSERN NUMGEST PHFET
     /RESIDUALS=SIZE(SMALL) DURBIN HISTOGRAM(ZRESID) NORMPROB(ZRESID).
SUBTITLE 'Estudio en HMD con HbA1 ≤ 8.2%'.
SET LISTING='XPD1R025.RS4'.
PROCESS IF (RNTIPO GT 1).
REGRESSION VARIABLES=(COLLECT)
     /DESCRIPTIVES=MEAN STDDEV CORR N
     /SELECT=KONTROL EQ 2
     /MISSING=PAIRWISE
     /WIDTH=132
     /STATISTICS=R ANOVA COEFF OUTS CI TOL END HISTORY
     /DEPENDENT=GLUDES
     /METHOD=STEP GLCORD EGRN SCRN RDP5ORN PHFET
     /RESIDUALS=SIZE(SMALL) DURBIN HISTOGRAM(ZRESID) NORMPROB(ZRESID)
     /DEPENDENT=GLUDES
     /METHOD=ENTER GLCORD SCMAT PHFET
     /RESIDUALS=SIZE(SMALL) DURBIN HISTOGRAM(ZRESID) NORMPROB(ZRESID)
     /DEPENDENT=GLUDESP
     /METHOD=STEP GLUPROMP HBGL3CN NUMGEST SCMAT RPMATEO
     /RESIDUALS=SIZE(SMALL) DURBIN HISTOGRAM(ZRESID) NORMPROB(ZRESID)
     /DEPENDENT=GLUDESP
     /METHOD=ENTER GLUPROMP SCMAT PHFET
     /RESIDUALS=SIZE(SMALL) DURBIN HISTOGRAM(ZRESID) NORMPROB(ZRESID).
SUBTITLE 'Estudio en HMD con HbA1 > 8.2%'.
SET LISTING='XPD1R025.RS5'.
PROCESS IF (RNTIPO GT 1).
REGRESSION VARIABLES=(COLLECT)
     /DESCRIPTIVES=MEAN STDDEV CORR N
     /SELECT=KONTROL EQ 3
     /MISSING=PAIRWISE
     /WIDTH=132
```

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     /STATISTICS=R ANOVA COEFF OUTS CI TOL END HISTORY
     /DEPENDENT=GLUDES
     /METHOD=STEP GLCORD EGRN SCRN RDP50RN PHFET
     /RESIDUALS=SIZE(SMALL) DURBIN HISTOGRAM(ZRESID) NORMPROB(ZRESID)
     /DEPENDENT=GLUDES
     /METHOD=ENTER GLCORD
     /RESIDUALS=SIZE(SMALL) DURBIN HISTOGRAM(ZRESID) NORMPROB(ZRESID)
     /DEPENDENT=GLUDESP
     /METHOD=STEP GLUPREMX HBGL3CN NUMGEST SCMAT RPMATEO
     /RESIDUALS=SIZE(SMALL) DURBIN HISTOGRAM(ZRESID) NORMPROB(ZRESID)
     /DEPENDENT=GLUDESP
     /METHOD=ENTER GLUPREMX
     /RESIDUALS=SIZE(SMALL) DURBIN HISTOGRAM(ZRESID) NORMPROB(ZRESID).
SUBTITLE 'Estudio en los HMD con descenso glucémico > 50 mg/dl/hora'.
PROCESS IF (GLUDES GT 50).
SET LISTING='XPD1R025.RS6'.
REGRESSION VARIABLES=(COLLECT)
     /DESCRIPTIVES=MEAN STDDEV CORR N
     /MISSING=PAIRWISE
     /WIDTH=132
     /STATISTICS=R ANOVA COEFF OUTS CI TOL END HISTORY
     /DEPENDENT=SEMGL1H
     /METHOD=STEP GLUPREMX HBGLMATP EGRN SCRN RDP50RN
     /RESIDUALS=SIZE(SMALL) DURBIN HISTOGRAM(ZRESID) NORMPROB(ZRESID)
     /DEPENDENT=SEMGL1H
     /METHOD=ENTER GLUPREMX HBGLMATP EGRN
     /RESIDUALS=SIZE(SMALL) DURBIN HISTOGRAM(ZRESID) NORMPROB(ZRESID)
     /DEPENDENT=GLUDES
     /METHOD=STEP GLCORD EGRN SCRN RDP50RN PHFET
     /RESIDUALS=SIZE(SMALL) DURBIN HISTOGRAM(ZRESID) NORMPROB(ZRESID)
     /DEPENDENT=GLUDES
     /METHOD=ENTER GLCORD HBGLMATP EGRN
     /RESIDUALS=SIZE(SMALL) DURBIN HISTOGRAM(ZRESID) NORMPROB(ZRESID)
     /DEPENDENT=GLUDESP
     /METHOD=STEP GLUPREMX HBGLMATP EGRN SCRN RDP50RN
     /RESIDUALS=SIZE(SMALL) DURBIN HISTOGRAM(ZRESID) NORMPROB(ZRESID)
     /DEPENDENT=GLUDESP
     /METHOD=ENTER GLUPREMX HBGLMATP EGRN
     /RESIDUALS=SIZE(SMALL) DURBIN HISTOGRAM(ZRESID) NORMPROB(ZRESID).
SUBTITLE 'Estudio en los HMD con descenso glucémico > 2 SD'.
PROCESS IF (GLUDESP GT 72.78).
SET LISTING='XPD1R025.RS7'.
REGRESSION VARIABLES=(COLLECT)
     /DESCRIPTIVES=MEAN STDDEV CORR N
     /MISSING=PAIRWISE
     /WIDTH=132
     /STATISTICS=R ANOVA COEFF OUTS CI TOL END HISTORY
     /DEPENDENT=GLUDES
     /METHOD=STEP GLCORD EGRN SCRN RDP50RN PHFET
     /RESIDUALS=SIZE(SMALL) DURBIN HISTOGRAM(ZRESID) NORMPROB(ZRESID)
     /DEPENDENT=GLUDES
     /METHOD=ENTER GLCORD HBGLMATP
     /RESIDUALS=SIZE(SMALL) DURBIN HISTOGRAM(ZRESID) NORMPROB(ZRESID).
SET LISTING=OFF.


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* Programa XPD1R026.CNT para estudio de la regresión múltiple con las
     variables más involucradas.
SET LISTING=OFF PRINTER=OFF WIDTH=132 LENGTH=59.
TITLE 'Regresión múltiple óptima'.
SELECT IF (RNTIPO LT 4).
SUBTITLE 'Estudio en los HMD con descenso glucémico > 50 mg/dl/hora'.
PROCESS IF (GLUDES GT 50).
SET LISTING='XPD1R026.RS1'.
REGRESSION VARIABLES=(COLLECT)
     /DESCRIPTIVES=MEAN STDDEV CORR N
     /MISSING=PAIRWISE
     /WIDTH=132
     /STATISTICS=R ANOVA COEFF OUTS CI TOL END HISTORY
     /DEPENDENT=SEMGL1H GLUDES GLUDESP
     /METHOD=STEP CPVAR1 IRG1H IRICORD
     /RESIDUALS=SIZE(SMALL) DURBIN HISTOGRAM(ZRESID) NORMPROB(ZRESID)
     /DEPENDENT=SEMGL1H GLUDES GLUDESP
     /METHOD=ENTER CPVAR1 IRG1H IRICORD
```

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     /RESIDUALS=SIZE(SMALL) DURBIN HISTOGRAM(ZRESID) NORMPROB(ZRESID)
     /DEPENDENT=SEMGL1H GLUDES GLUDESP
     /METHOD=STEP CPVAR1P IRG1H IRICORD
     /RESIDUALS=SIZE(SMALL) DURBIN HISTOGRAM(ZRESID) NORMPROB(ZRESID)
     /DEPENDENT=SEMGL1H GLUDES GLUDESP
     /METHOD=ENTER CPVAR1P IRG1H IRICORD
     /RESIDUALS=SIZE(SMALL) DURBIN HISTOGRAM(ZRESID) NORMPROB(ZRESID).
SET LISTING=OFF.

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* Programa XPD1R027.CNT para estudio de la regresión múltiple con las
     variables más involucradas.
SET LISTING=OFF PRINTER=OFF WIDTH=132 LENGTH=59.
TITLE 'Regresión múltiple óptima'.
SELECT IF (RNTIPO LT 4).
SUBTITLE 'Estudio en los HMD tipos B,C y D'.
PROCESS IF (RNTIPO = 3).
SET LISTING='XPD1R027.RS1'.
REGRESSION VARIABLES=(COLLECT)
     /DESCRIPTIVES=MEAN STDDEV CORR N
     /MISSING=PAIRWISE
     /WIDTH=132
     /STATISTICS=R ANOVA COEFF OUTS CI TOL END HISTORY
     /DEPENDENT=SEMGL1H
     /METHOD=ENTER GLUPREMX PSSERN PHFET
     /RESIDUALS=SIZE(SMALL) DURBIN HISTOGRAM(ZRESID) NORMPROB(ZRESID)
     /DEPENDENT=GLUDESP
     /METHOD=ENTER GLUPROMP PSSERN PHFET
     /RESIDUALS=SIZE(SMALL) DURBIN HISTOGRAM(ZRESID) NORMPROB(ZRESID).
SET LISTING=OFF.

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* Programa XPD1R028.CNT para estudio de la regresión múltiple con las
     variables más involucradas.
SET LISTING=OFF PRINTER=OFF WIDTH=132 LENGTH=59.
TITLE 'Regresión múltiple óptima'.
SELECT IF (RNTIPO LT 4).
SUBTITLE 'Estudio en los HMD con HbA1 > 8.2%'.
SET LISTING='XPD1R028.RS1'.
REGRESSION VARIABLES=(COLLECT)
     /DESCRIPTIVES=MEAN STDDEV CORR N
     /SELECT=KONTROL EQ 3
     /MISSING=PAIRWISE
     /WIDTH=132
     /STATISTICS=R ANOVA COEFF OUTS CI TOL END HISTORY
     /DEPENDENT=GLUDES
     /METHOD=ENTER GLCORD HBGL3CN NUMGEST SCMAT
     /RESIDUALS=SIZE(SMALL) DURBIN HISTOGRAM(ZRESID) NORMPROB(ZRESID)
     /DEPENDENT=GLUDESP
     /METHOD=ENTER GLUPREMX HBGL3CN NUMGEST RDP5ORN
     /RESIDUALS=SIZE(SMALL) DURBIN HISTOGRAM(ZRESID) NORMPROB(ZRESID)
     /DEPENDENT=GLUDESP
     /METHOD=ENTER GLUPREMX HBGL3CN NUMGEST
     /RESIDUALS=SIZE(SMALL) DURBIN HISTOGRAM(ZRESID) NORMPROB(ZRESID).
SET LISTING=OFF.

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* Programa XPD1R029.CNT para estudio de la regresión múltiple con las
     variables más involucradas.
SET LISTING=OFF PRINTER=OFF WIDTH=132 LENGTH=59.
TITLE 'Regresión múltiple óptima'.
SELECT IF (RNTIPO LT 4).
SUBTITLE 'Estudio en los HMD con descenso glucémico > 50 mg/dl/hora'.
SET LISTING='XPD1R029.RS1'.
REGRESSION VARIABLES=(COLLECT)
     /DESCRIPTIVES=MEAN STDDEV CORR N
     /MISSING=PAIRWISE
     /SELECT=GLUDES GT 50
```

```
     /WIDTH=132
     /STATISTICS=R ANOVA COEFF OUTS CI TOL END HISTORY
     /DEPENDENT=SEMGL1H GLUDES GLUDESP
     /METHOD=STEP CPVAR1 IRG1H CPCORD
     /RESIDUALS=SIZE(SMALL) DURBIN HISTOGRAM(ZRESID) NORMPROB(ZRESID)
     /DEPENDENT=SEMGL1H GLUDES GLUDESP
     /METHOD=ENTER CPVAR1 IRG1H CPCORD
     /RESIDUALS=SIZE(SMALL) DURBIN HISTOGRAM(ZRESID) NORMPROB(ZRESID)
     /DEPENDENT=SEMGL1H GLUDES GLUDESP
     /METHOD=STEP CPVAR1P IRG1H CPCORD
     /RESIDUALS=SIZE(SMALL) DURBIN HISTOGRAM(ZRESID) NORMPROB(ZRESID)
     /DEPENDENT=SEMGL1H GLUDES GLUDESP
     /METHOD=ENTER CPVAR1P IRG1H CPCORD
     /RESIDUALS=SIZE(SMALL) DURBIN HISTOGRAM(ZRESID) NORMPROB(ZRESID).
SET LISTING=OFF.


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* Programa XPD1R030.CNT para análisis del fenómeno macrosómico.
SET PRINTER=OFF LISTING=OFF WIDTH=132.
TITLE 'ANOVA en la 1ª hora de vida'.
SUBTITLE 'Estudio atendiendo al factor macrosomía'.
IF (RNTIPO=1) MACTIPO=1.
IF (PESADEC<3 AND (RNTIPO=2 OR RNTIPO=3)) MACTIPO=2.
IF (PESADEC=3 AND (RNTIPO=2 OR RNTIPO=3)) MACTIPO=3.
IF (RNTIPO=4) MACTIPO=4.
IF (PESADEC<3) MACTIPO2=1.
IF (PESADEC=3) MACTIPO2=2.
VARIABLE LABELS MACTIPO MACTIPO2 'Tipo de Recién Nacido'.
VALUE LABELS MACTIPO 1 'Normal' 2 'HMD no macrosoma' 3 'HMD macrosoma'
     4 'Macrosoma no HMD'
     /MACTIPO2 1 'No macrosoma' 2 'Macrosoma'.
SET LISTING='XPD1R030.RS1'.
ONEWAY VARIABLES=NUMGEST TO PESMATH SCMAT TO INCPESM PSSEMAT PSTRMAT
     PESPLA RPLARN EGRN TO PSTRRN SCRN TO PERPESRN PESP50RN BY MACTIPO(1,4)
     /CONTRAST=1 0 0 -1/CONTRAST=0 0 1 -1/CONTRAST=0.5 0.5 -0.5 -0.5/
     /CONTRAST=1 -1 0 0/CONTRAST=0 1 -1 0
     /RANGES=SCHEFFE
     /STA=3.
SUBTITLE 'Regresión múltiple en los macrosomas HMD'.
SET LISTING='XPD1R030.RS2'.
REGRESSION VARIABLES=(COLLECT)
     /DESCRIPTIVES=MEAN STDDEV CORR N
     /SELECT=MACTIPO EQ 3
     /MISSING=PAIRWISE
     /WIDTH=132
     /STATISTICS=R ANOVA COEFF OUTS CI TOL END HISTORY
     /DEPENDENT=PESRN
     /METHOD=STEP NUMGEST EDADMAT PESMATH INCPESM HBGLMATP
     /RESIDUALS=SIZE(SMALL) DURBIN HISTOGRAM(ZRESID) NORMPROB(ZRESID)
     /DEPENDENT=PESRN
     /METHOD=STEP NUMGEST EDADMAT PESMATH PSSEMAT HBGLMATP
     /RESIDUALS=SIZE(SMALL) DURBIN HISTOGRAM(ZRESID) NORMPROB(ZRESID)
     /DEPENDENT=PESRN
     /METHOD=STEP NUMGEST EDADMAT PESMATH PSTRMAT HBGLMATP
     /RESIDUALS=SIZE(SMALL) DURBIN HISTOGRAM(ZRESID) NORMPROB(ZRESID)
     /DEPENDENT=PESRN
     /METHOD=STEP NUMGEST EDADMAT PESMATH ACIRIMCN HBGLMATP
     /RESIDUALS=SIZE(SMALL) DURBIN HISTOGRAM(ZRESID) NORMPROB(ZRESID)
     /DEPENDENT=PESRN
     /METHOD=STEP NUMGEST EDADMAT PESMATH INCPESM HBGL3CN
     /RESIDUALS=SIZE(SMALL) DURBIN HISTOGRAM(ZRESID) NORMPROB(ZRESID)
     /DEPENDENT=PESRN
     /METHOD=STEP NUMGEST EDADMAT PESMATH PSSEMAT HBGL3CN
     /RESIDUALS=SIZE(SMALL) DURBIN HISTOGRAM(ZRESID) NORMPROB(ZRESID)
     /DEPENDENT=PESRN
     /METHOD=STEP NUMGEST EDADMAT PESMATH PSTRMAT HBGL3CN
     /RESIDUALS=SIZE(SMALL) DURBIN HISTOGRAM(ZRESID) NORMPROB(ZRESID)
     /DEPENDENT=PESRN
     /METHOD=STEP NUMGEST EDADMAT PESMATH ACIRIMCN HBGL3CN
     /RESIDUALS=SIZE(SMALL) DURBIN HISTOGRAM(ZRESID) NORMPROB(ZRESID).
SET LISTING='XPD1R030.RS3'.
REGRESSION VARIABLES=(COLLECT)
     /DESCRIPTIVES=MEAN STDDEV CORR N
     /SELECT=MACTIPO EQ 4
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     /MISSING=PAIRWISE
     /WIDTH=132
     /STATISTICS=R ANOVA COEFF OUTS CI TOL END HISTORY
     /DEPENDENT=PESRN
     /METHOD=STEP NUMGEST EDADMAT PESMATH INCPESM EGRN
     /RESIDUALS=SIZE(SMALL) DURBIN HISTOGRAM(ZRESID) NORMPROB(ZRESID)
     /DEPENDENT=PESRN
     /METHOD=STEP NUMGEST EDADMAT PESMATH INCPESM EGRN PSSERN PSTRRN
     /RESIDUALS=SIZE(SMALL) DURBIN HISTOGRAM(ZRESID) NORMPROB(ZRESID)
     /DEPENDENT=PESRN
     /METHOD=STEP NUMGEST EDADMAT PESMATH PSSEMAT EGRN PSSERN
     /RESIDUALS=SIZE(SMALL) DURBIN HISTOGRAM(ZRESID) NORMPROB(ZRESID)
     /DEPENDENT=PESRN
     /METHOD=STEP NUMGEST EDADMAT PESMATH PSTRMAT EGRN PSTRRN
     /RESIDUALS=SIZE(SMALL) DURBIN HISTOGRAM(ZRESID) NORMPROB(ZRESID).
SET LISTING=OFF.


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* Programa XPD1R031.CNT para análisis del fenómeno macrosómico.
SET PRINTER=OFF LISTING=OFF WIDTH=132.
TITLE 'Análisis de las correlaciones univariadas'.
SUBTITLE 'Estudio atendiendo al factor macrosomía'.
IF (RNTIPO=1) MACTIPO=1.
IF (PESADEC<3 AND (RNTIPO=2 OR RNTIPO=3)) MACTIPO=2.
IF (PESADEC=3 AND (RNTIPO=2 OR RNTIPO=3)) MACTIPO=3.
IF (RNTIPO=4) MACTIPO=4.
IF (PESADEC<3) MACTIPO2=1.
IF (PESADEC=3) MACTIPO2=2.
VARIABLE LABELS MACTIPO MACTIPO2 'Tipo de Recién Nacido'.
VALUE LABELS MACTIPO 1 'Normal' 2 'HMD no macrosoma' 3 'HMD macrosoma'
     4 'Macrosoma no HMD'
     /MACTIPO2 1 'No macrosoma' 2 'Macrosoma'.
SET LISTING='XPD1R031.RS1'.
SUBTITLE 'Todos los recién nacidos'.
CORRELATION VARIABLES=PESRN LONGRN PCRN PSSERN PSTRRN SCRN IMCRN RDP5ORN
     WITH NUMGEST EDADMAT TALLAMAT PESMATH SCMAT IMCMAT RPMATEO INCPESM
     PSSEMAT PSTRRN PESPLA RPLARN EGRN HBGLMATP
     /OPTIONS=2 5.
PROCESS IF (RNTIPO=2).
SUBTITLE 'HMD gestacional'.
CORRELATION VARIABLES=PESRN LONGRN PCRN PSSERN PSTRRN SCRN IMCRN RDP5ORN
     WITH NUMGEST EDADMAT TALLAMAT PESMATH SCMAT IMCMAT RPMATEO INCPESM
     PSSEMAT PSTRMAT PESPLA RPLARN EGRN HBGL3CN HBGLUSCN HBGLMATP
     /OPTIONS=2 5.
PROCESS IF (RNTIPO=3).
SUBTITLE 'HMD insulinodependientes'.
CORRELATION VARIABLES=PESRN LONGRN PCRN PSSERN PSTRRN SCRN IMCRN RDP5ORN
     WITH NUMGEST EDADMAT TALLAMAT PESMATH SCMAT IMCMAT RPMATEO INCPESM
     PSSEMAT PSTRMAT PESPLA RPLARN EGRN HBGL1CN HBGL2CN HBGL3CN HBGLUSCN
     HBGLMATP ACIRIMCN
     /OPTIONS=2 5.
PROCESS IF (RNTIPO=4).
SUBTITLE 'Macrosomas no HMD'.
CORRELATION VARIABLES=PESRN LONGRN PCRN PSSERN PSTRRN SCRN IMCRN RDP5ORN
     WITH NUMGEST EDADMAT TALLAMAT PESMATH SCMAT IMCMAT RPMATEO INCPESM
     PSSEMAT PSTRMAT PESPLA RPLARN EGRN HBGLMATP
     /OPTIONS=2 5.
PROCESS IF (KONTROL=2).
SUBTITLE 'HMD bien controlados'.
CORRELATION VARIABLES=PESRN LONGRN PCRN PSSERN PSTRRN SCRN IMCRN RDP5ORN
     WITH NUMGEST EDADMAT TALLAMAT PESMATH SCMAT IMCMAT RPMATEO INCPESM
     PSSEMAT PSTRMAT PESPLA RPLARN EGRN HBGL1CN HBGL2CN HBGL3CN HBGLUSCN
     HBGLMATP ACIRIMCN
     /OPTIONS=2 5.
PROCESS IF (KONTROL=3).
SUBTITLE 'HMD mal controlados'.
CORRELATION VARIABLES=PESRN LONGRN PCRN PSSERN PSTRRN SCRN IMCRN RDP5ORN
     WITH NUMGEST EDADMAT TALLAMAT PESMATH SCMAT IMCMAT RPMATEO INCPESM
     PSSEMAT PSTRMAT PESPLA RPLARN EGRN HBGL1CN HBGL2CN HBGL3CN HBGLUSCN
     HBGLMATP ACIRIMCN
     /OPTIONS=2 5.
PROCESS IF (MACTIPO=2).
SUBTITLE 'HMD no macrosomas'.
CORRELATION VARIABLES=PESRN LONGRN PCRN PSSERN PSTRRN SCRN IMCRN RDP5ORN
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     WITH NUMGEST EDADMAT TALLAMAT PESMATH SCMAT IMCMAT RPMATEO INCPESM
     PSSEMAT PSTRMAT PESPLA RPLARN EGRN HBGL1CN HBGL2CN HBGL3CN HBGLUSCN
     HBGLMATP ACIRIMCN
     /OPTIONS=2 5.
PROCESS IF (MACTIPO=3).
SUBTITLE 'HMD y macrosomas'.
CORRELATION VARIABLES=PESRN LONGRN PCRN PSSERN PSTRRN SCRN IMCRN RDP5ORN
     WITH NUMGEST EDADMAT TALLAMAT PESMATH SCMAT IMCMAT RPMATEO INCPESM
     PSSEMAT PSTRMAT PESPLA RPLARN EGRN HBGL1CN HBGL2CN HBGL3CN HBGLUSCN
     HBGLMATP ACIRIMCN
     /OPTIONS=2 5.
PROCESS IF (MACTIPO2=2).
SUBTITLE 'Todos los macrosomas'.
CORRELATION VARIABLES=PESRN LONGRN PCRN PSSERN PSTRRN SCRN IMCRN RDP5ORN
     WITH NUMGEST EDADMAT TALLAMAT PESMATH SCMAT IMCMAT RPMATEO INCPESM
     PSSEMAT PSTRMAT PESPLA RPLARN EGRN HBGL1CN HBGL2CN HBGL3CN HBGLUSCN
     HBGLMATP ACIRIMCN
     /OPTIONS=2 5.
SELECT IF (RNTIPO=2 OR RNTIPO=3).
SUBTITLE 'Todos los HMD'.
CORRELATION VARIABLES=PESRN LONGRN PCRN PSSERN PSTRRN SCRN IMCRN RDP5ORN
     WITH NUMGEST EDADMAT TALLAMAT PESMATH SCMAT IMCMAT RPMATEO INCPESM
     PSSEMAT PSTRMAT PESPLA RPLARN EGRN HBGL1CN HBGL2CN HBGL3CN HBGLUSCN
     HBGLMATP ACIRIMCN
     /OPTIONS=2 5.
SET LISTING=OFF.

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* Programa XPD1R032.CNT para análisis del fenómeno macrosómico.
SET PRINTER=OFF LISTING=OFF WIDTH=132.
TITLE 'Regresión múltiple en la 1ª hora de vida'.
SUBTITLE 'Estudio atendiendo al factor macrosomía'.
IF (RNTIPO=1) MACTIPO=1.
IF (PESADEC<3 AND (RNTIPO=2 OR RNTIPO=3)) MACTIPO=2.
IF (PESADEC=3 AND (RNTIPO=2 OR RNTIPO=3)) MACTIPO=3.
IF (RNTIPO=4) MACTIPO=4.
IF (PESADEC<3) MACTIPO2=1.
IF (PESADEC=3) MACTIPO2=2.
IF (RNTIPO=1 OR RNTIPO=4) TIPRN=1.
IF (RNTIPO=2 OR RNTIPO=3) TIPRN=2.
VARIABLE LABELS MACTIPO MACTIPO2 TIPRN 'Tipo de Recién Nacido'.
VALUE LABELS MACTIPO 1 'Normal' 2 'HMD no macrosoma' 3 'HMD macrosoma'
     4 'Macrosoma no HMD'
     /MACTIPO2 1 'No macrosoma' 2 'Macrosoma'
     /TIPRN 1 'Normal' 2 'HMD'.
SET LISTING='XPD1R032.RS1'.
SUBTITLE 'Recién nacidos tipo A de White'.
REGRESSION VARIABLES=(COLLECT)
     /DESCRIPTIVES=MEAN STDDEV CORR N
     /SELECT=RNTIPO EQ 2
     /MISSING=PAIRWISE
     /WIDTH=132
     /STATISTICS=R ANOVA COEFF OUTS CI TOL END HISTORY
     /DEPENDENT=PESRN
     /METHOD=STEP PESMATH TALLAMAT INCPESM EGRN HBGL3CN
     /RESIDUALS=SIZE(SMALL) DURBIN HISTOGRAM(ZRESID) NORMPROB(ZRESID)
     /DEPENDENT=LONGRN
     /METHOD=STEP PESMATH TALLAMAT EGRN HBGL3CN
     /RESIDUALS=SIZE(SMALL) DURBIN HISTOGRAM(ZRESID) NORMPROB(ZRESID)
     /DEPENDENT=PCRN
     /METHOD=STEP PESMATH EGRN HBGLUSCN
     /RESIDUALS=SIZE(SMALL) DURBIN HISTOGRAM(ZRESID) NORMPROB(ZRESID)
     /DEPENDENT=SCRN
     /METHOD=STEP NUMGEST TALLAMAT PESMATH EGRN HBGL3CN
     /RESIDUALS=SIZE(SMALL) DURBIN HISTOGRAM(ZRESID) NORMPROB(ZRESID)
     /DEPENDENT=RDP5ORN
     /METHOD=STEP NUMGEST EGRN HBGL3CN
     /RESIDUALS=SIZE(SMALL) DURBIN HISTOGRAM(ZRESID) NORMPROB(ZRESID).
SET LISTING='XPD1R032.RS2'.
SUBTITLE 'HMD tipos B,C y D de White'.
REGRESSION VARIABLES=(COLLECT)
     /DESCRIPTIVES=MEAN STDDEV CORR N
     /SELECT=RNTIPO EQ 3
     /MISSING=PAIRWISE
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     /WIDTH=132
     /STATISTICS=R ANOVA COEFF OUTS CI TOL END HISTORY
     /DEPENDENT=PESRN
     /METHOD=STEP PESMATH TALLAMAT INCPESM EGRN HBGLUSCN ACIRIMCN
     /RESIDUALS=SIZE(SMALL) DURBIN HISTOGRAM(ZRESID) NORMPROB(ZRESID)
     /DEPENDENT=LONGRN
     /METHOD=STEP PESMATH TALLAMAT EGRN HBGL3CN ACIRIMCN
     /RESIDUALS=SIZE(SMALL) DURBIN HISTOGRAM(ZRESID) NORMPROB(ZRESID)
     /DEPENDENT=PCRN
     /METHOD=STEP NUMGEST EDADMAT HBGL1CN HBGLUSCN
     /RESIDUALS=SIZE(SMALL) DURBIN HISTOGRAM(ZRESID) NORMPROB(ZRESID)
     /DEPENDENT=SCRN
     /METHOD=STEP TALLAMAT PSSEMAT PSTRMAT HBGLUSCN ACIRIMCN
     /RESIDUALS=SIZE(SMALL) DURBIN HISTOGRAM(ZRESID) NORMPROB(ZRESID)
     /DEPENDENT=RDP50RN
     /METHOD=STEP EGRN HBGLUSCN ACIRIMCN
     /RESIDUALS=SIZE(SMALL) DURBIN HISTOGRAM(ZRESID) NORMPROB(ZRESID).
SET LISTING='XPD1R032.RS3'.
SUBTITLE 'Macrosomas no HMD'.
REGRESSION VARIABLES=(COLLECT)
     /DESCRIPTIVES=MEAN STDDEV CORR N
     /SELECT=RNTIPO EQ 4
     /MISSING=PAIRWISE
     /WIDTH=132
     /STATISTICS=R ANOVA COEFF OUTS CI TOL END HISTORY
     /DEPENDENT=PESRN
     /METHOD=STEP PESMATH TALLAMAT IMCMAT RPMATEO INCPESM EGRN
     /RESIDUALS=SIZE(SMALL) DURBIN HISTOGRAM(ZRESID) NORMPROB(ZRESID)
     /DEPENDENT=LONGRN
     /METHOD=STEP NUMGEST PESMATH TALLAMAT SCMAT RPMATEO INCPESM EGRN
     /RESIDUALS=SIZE(SMALL) DURBIN HISTOGRAM(ZRESID) NORMPROB(ZRESID)
     /DEPENDENT=PCRN
     /METHOD=STEP EGRN INCPESM
     /RESIDUALS=SIZE(SMALL) DURBIN HISTOGRAM(ZRESID) NORMPROB(ZRESID)
     /DEPENDENT=SCRN
     /METHOD=STEP TALLAMAT PESMATH IMCMAT RPMATEO INCPESM EGRN
     /RESIDUALS=SIZE(SMALL) DURBIN HISTOGRAM(ZRESID) NORMPROB(ZRESID)
     /DEPENDENT=RDP50RN
     /METHOD=STEP INCPESM EGRN
     /RESIDUALS=SIZE(SMALL) DURBIN HISTOGRAM(ZRESID) NORMPROB(ZRESID).
SET LISTING='XPD1R032.RS4'.
SUBTITLE 'Todos los HMD'.
REGRESSION VARIABLES=(COLLECT)
     /DESCRIPTIVES=MEAN STDDEV CORR N
     /SELECT=TIPRN EQ 2
     /MISSING=PAIRWISE
     /WIDTH=132
     /STATISTICS=R ANOVA COEFF OUTS CI TOL END HISTORY
     /DEPENDENT=PESRN
     /METHOD=STEP TALLAMAT PESMATH PESPLA INCPESM EGRN HBGL3CN ACIRIMCN
     /RESIDUALS=SIZE(SMALL) DURBIN HISTOGRAM(ZRESID) NORMPROB(ZRESID)
     /DEPENDENT=LONGRN
     /METHOD=STEP PESMATH TALLAMAT PESPLA EGRN HBGL3CN ACIRIMCN
     /RESIDUALS=SIZE(SMALL) DURBIN HISTOGRAM(ZRESID) NORMPROB(ZRESID)
     /DEPENDENT=PCRN
     /METHOD=STEP EDADMAT SCMAT PESPLA EGRN HBGL1CN
     /RESIDUALS=SIZE(SMALL) DURBIN HISTOGRAM(ZRESID) NORMPROB(ZRESID)
     /DEPENDENT=PSSERN
     /METHOD=STEP NUMGEST PESPLA HBGL3CN ACIRIMCN
     /RESIDUALS=SIZE(SMALL) DURBIN HISTOGRAM(ZRESID) NORMPROB(ZRESID)
     /DEPENDENT=PSTRRN
     /METHOD=STEP NUMGEST PESPLA HBGL3CN ACIRIMCN
     /RESIDUALS=SIZE(SMALL) DURBIN HISTOGRAM(ZRESID) NORMPROB(ZRESID)
     /DEPENDENT=SCRN
     /METHOD=STEP TALLAMAT PESPLA EGRN HBGL3CN ACIRIMCN
     /RESIDUALS=SIZE(SMALL) DURBIN HISTOGRAM(ZRESID) NORMPROB(ZRESID)
     /DEPENDENT=RDP50RN
     /METHOD=STEP PESPLA HBGL3CN ACIRIMCN
     /RESIDUALS=SIZE(SMALL) DURBIN HISTOGRAM(ZRESID) NORMPROB(ZRESID).
SET LISTING=OFF.

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* Programa XPD1R033.CNT para análisis del fenómeno macrosómico.
SET PRINTER=OFF LISTING=OFF WIDTH=132.
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TITLE 'Regresión múltiple en la 1ª hora de vida'.
SUBTITLE 'Estudio atendiendo al factor macrosomía'.
IF (RNTIPO=1 OR RNTIPO=4) TIPRN=1.
IF (RNTIPO=2 OR RNTIPO=3) TIPRN=2.
VARIABLE LABELS TIPRN 'Tipo de Recién Nacido'.
VALUE LABELS TIPRN 1 'Normal' 2 'HMD'.
SET LISTING='XPD1R033.RS1'.
SUBTITLE 'Todos los HMD. Método : ENTER'.
PROCESS IF (TIPRN=2).
REGRESSION VARIABLES=(COLLECT)
     /DESCRIPTIVES=MEAN STDDEV CORR N
     /MISSING=PAIRWISE
     /WIDTH=132
     /STATISTICS=R ANOVA COEFF OUTS CI TOL END HISTORY
     /DEPENDENT=PESRN
     /METHOD=ENTER PESPLA EGRN ACIRIMCN HBGLUSCN
     /RESIDUALS=SIZE(SMALL) DURBIN HISTOGRAM(ZRESID) NORMPROB(ZRESID)
     /DEPENDENT=LONGRN
     /METHOD=ENTER PESPLA EGRN ACIRIMCN
     /RESIDUALS=SIZE(SMALL) DURBIN HISTOGRAM(ZRESID) NORMPROB(ZRESID)
     /DEPENDENT=PSSERN
     /METHOD=ENTER PESPLA ACIRIMCN HBGLUSCN
     /RESIDUALS=SIZE(SMALL) DURBIN HISTOGRAM(ZRESID) NORMPROB(ZRESID)
     /DEPENDENT=PSTRRN
     /METHOD=ENTER PESPLA ACIRIMCN HBGLUSCN
     /RESIDUALS=SIZE(SMALL) DURBIN HISTOGRAM(ZRESID) NORMPROB(ZRESID)
     /DEPENDENT=SCRN
     /METHOD=ENTER PESPLA EGRN ACIRIMCN HBGLUSCN
     /RESIDUALS=SIZE(SMALL) DURBIN HISTOGRAM(ZRESID) NORMPROB(ZRESID)
     /DEPENDENT=RDP50RN
     /METHOD=ENTER PESPLA ACIRIMCN HBGLUSCN
     /RESIDUALS=SIZE(SMALL) DURBIN HISTOGRAM(ZRESID) NORMPROB(ZRESID).
SET LISTING=OFF.

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* Programa XPD1R034.CNT para estudio de la macrosomía neonatal.
SET PRINTER=OFF LISTING=OFF WIDTH=80.
TITLE 'Estudio de la macrosomía neonatal'.
SUBTITLE 'Todos los recién nacidos'.
SET LISTING='XPD1R034.RS1'.
NPAR TESTS K-W=PESMATH SCMAT IMCMAT RPMATEO PSTRMAT PESPLA LONGRN SCRN
     BY MACTIPO(1,4)
    /STA=1.
NPAR TESTS M-W=PESMATH SCMAT IMCMAT RPMATEO PSTRMAT PESPLA LONGRN SCRN
     BY MACTIPO(1,4).
NPAR TESTS M-W=PESMATH SCMAT IMCMAT RPMATEO PSTRMAT PESPLA LONGRN SCRN
     BY MACTIPO(3,4).
NPAR TESTS M-W=PESMATH SCMAT IMCMAT RPMATEO PSTRMAT PESPLA LONGRN SCRN
     BY MACTIPO(2,3).
SET LISTING='XPD1R034.RS2'.
SELECT IF (ORDINAL<>1 AND ORDINAL<>88 AND ORDINAL<>89 AND ORDINAL<>90).
NPAR TESTS K-W=GLMATP TO IRGMATP GLCORD TO IRGCORD  GLMIN1H TO SEMGL1H
     GLUDES GLUDESP BY MACTIPO(1,4).
NPAR TESTS M-W=GLMATP TO IRGMATP GLCORD TO IRGCORD  GLMIN1H TO SEMGL1H
     GLUDES GLUDESP BY MACTIPO(1,4).
NPAR TESTS M-W=GLMATP TO IRGMATP GLCORD TO IRGCORD  GLMIN1H TO SEMGL1H
     GLUDES GLUDESP BY MACTIPO(3,4).
NPAR TESTS M-W=GLMATP TO IRGMATP GLCORD TO IRGCORD  GLMIN1H TO SEMGL1H
     GLUDES GLUDESP BY MACTIPO(2,3).
SET LISTING='XPD1R034.RS3'.
SET WIDTH=132.
ONEWAY VARIABLES=GLMATP TO IRGMATP GLCORD TO IRGCORD  GLMIN1H TO SEMGL1H
     GLUDES GLUDESP BY MACTIPO(1,4)
    /CONTRAST=1 0 0 -1
    /CONTRAST=0 0 1 -1
    /RANGES=SCHEFFE
    /STA=1 3.
SET LISTING=OFF.


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* Programa XPD1R035.CNT para estudio de las características diferenciales
     en los macrosomas.
SET PRINTER=OFF LISTING=OFF WIDTH=132.
TITLE 'Estudio de la macrosomía'.
SUBTITLE 'Diferencias propias del R.N. macrosoma en toda la muestra'.
SET LISTING='XPD1R035.RS1'.
ANOVA VARIABLES=PESRN PESMINRN LONGRN PCRN SCRN
       BY MACTIPO(1,4) SEXRN(1,2) WITH EGRN
      /IMCRN RDP5ORN PSSERN PSTRRN
       BY MACTIPO(1,4) SEXRN(1,2) WITH EGRN
      /PESPLA RPLARN BY MACTIPO(1,4) SEXRN(1,2) WITH EGRN
    /STA=3.
SUBTITLE 'Somatometría materna en toda la muestra'.
ANOVA VARIABLES=PESMATH TALLAMAT SCMAT IMCMAT
       BY MACTIPO(1,4) CONOBSCL(1,4) WITH EDADMAT
      /PSSEMAT PSTRMAT INCPESM
       BY MACTIPO(1,4) CONOBSCL(1,4) WITH EDADMAT
    /STA=3.
ANOVA VARIABLES=PESMATH TALLAMAT SCMAT IMCMAT
       BY MACTIPO(1,4) CONOBSCL(1,4) WITH EDADMAT NUMGEST
      /PSSEMAT PSTRMAT INCPESM
       BY MACTIPO(1,4) CONOBSCL(1,4) WITH EDADMAT NUMGEST
    /STA=3.
SET LISTING='XPD1R035.RS2'.
SUBTITLE 'Somatometría materna en Normales y Macrosomas no HMD'.
PROCESS IF (TIPOGES=1).
ANOVA VARIABLES=PESMATH TALLAMAT SCMAT IMCMAT BY MACTIPO(1,4) WITH EDADMAT
      /PSSEMAT PSTRMAT INCPESM PESPLA RPLARN BY MACTIPO(1,4) WITH EDADMAT
    /STA=3.
SUBTITLE 'Somatometría materna en HMD y no HMD macrosomas'.
PROCESS IF (PESADEC=3).
ANOVA VARIABLES=PESMATH TALLAMAT SCMAT IMCMAT BY MACTIPO(1,4) WITH EDADMAT
      /PSSEMAT PSTRMAT INCPESM PESPLA RPLARN BY MACTIPO(1,4) WITH EDADMAT
    /STA=3.
SUBTITLE 'Somatometría materna en Normales y Macrosomas no HMD'.
PROCESS IF (TIPRN=2).
ANOVA VARIABLES=PESMATH TALLAMAT SCMAT IMCMAT BY MACTIPO(1,4) WITH EDADMAT
      /PSSEMAT PSTRMAT INCPESM PESPLA RPLARN BY MACTIPO(1,4) WITH EDADMAT
      /HBGL3CN HBGLUSCN HBGLMATP BY MACTIPO(1,4) WITH EDADMAT
    /STA=3.
SET LISTING=OFF.


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* Programa XPD1R036.CNT para estudio de las características diferenciales
     en los macrosomas.
SET PRINTER=OFF LISTING=OFF WIDTH=132.
TITLE 'Estudio de la macrosomía'.
SET LISTING='XPD1R036.RS1'.
SUBTITLE 'Somatometría materna en Normales y Macrosomas no HMD'.
PROCESS IF (TIPOGES=1).
ANOVA VARIABLES=PESMATH TALLAMAT SCMAT IMCMAT BY MACTIPO(1,4)
       WITH EDADMAT NUMGEST
      /PSSEMAT PSTRMAT INCPESM PESPLA RPLARN BY MACTIPO(1,4)
       WITH EDADMAT NUMGEST
    /STA=3.
SUBTITLE 'Somatometría materna en HMD y no HMD macrosomas'.
PROCESS IF (PESADEC=3).
ANOVA VARIABLES=PESMATH TALLAMAT SCMAT IMCMAT BY MACTIPO(1,4)
       WITH EDADMAT NUMGEST
      /PSSEMAT PSTRMAT INCPESM PESPLA RPLARN BY MACTIPO(1,4)
       WITH EDADMAT NUMGEST
    /STA=3.
SUBTITLE 'Somatometría materna en todos los HMD'.
PROCESS IF (TIPRN=2).
ANOVA VARIABLES=PESMATH TALLAMAT SCMAT IMCMAT BY MACTIPO(1,4) CONDIACL(1,5)
       WITH EDADMAT NUMGEST
      /PSSEMAT PSTRMAT INCPESM PESPLA RPLARN BY MACTIPO(1,4) CONDIACL(1,5)
       WITH EDADMAT NUMGEST
      /HBGL3CN HBGLUSCN HBGLMATP BY MACTIPO(1,4) CONDIACL(1,5)
       WITH EDADMAT NUMGEST
    /STA=3.
SET LISTING='XPD1R036.RS2'.
SUBTITLE 'Somatometría neonatal en normales y macrosomas no HMD'.
PROCESS IF (TIPOGES=1).
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ANOVA VARIABLES=PESRN PESMINRN LONGRN PCRN SCRN
       BY MACTIPO(1,4) SEXRN(1,2) WITH EGRN
      /IMCRN RDP5ORN PERPESRN PSSERN PSTRRN
       BY MACTIPO(1,4) SEXRN(1,2) WITH EGRN
    /STA=3.
SUBTITLE 'Somatometría neonatal en HMD y no HMD macrosomas'.
PROCESS IF (PESADEC=3).
ANOVA VARIABLES=PESRN PESMINRN LONGRN PCRN SCRN
       BY MACTIPO(1,4) SEXRN(1,2) WITH EGRN
      /IMCRN RDP5ORN PERPESRN PSSERN PSTRRN
       BY MACTIPO(1,4) SEXRN(1,2) WITH EGRN
    /STA=3.
SUBTITLE 'Somatometría neonatal en todos los HMD'.
PROCESS IF (TIPRN=2).
ANOVA VARIABLES=PESRN PESMINRN LONGRN PCRN SCRN
       BY MACTIPO(1,4) SEXRN(1,2) CONDIACL(1,5) WITH EGRN
      /IMCRN RDP5ORN PERPESRN PSSERN PSTRRN
       BY MACTIPO(1,4) SEXRN(1,2) CONDIACL(1,5) WITH EGRN
    /STA=3.
SET LISTING=OFF.

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* Programa XPD1R037.CNT para estudio de las características diferenciales
     en los macrosomas.
SET PRINTER=OFF LISTING=OFF WIDTH=132.
TITLE 'Estudio de la macrosomía'.
IF (MACTIPO=2) HMDMAC=1.
IF (MACTIPO=3) HMDMAC=2.
VARIABLE LABELS HMDMAC 'Tipo de HMD'.
VALUE LABELS HMDMAC 1 'No macrosómico' 2 'Macrosoómico'.
FORMATS HMDMAC (F1.0).
SUBTITLE 'Somatometría neonatal en todos los HMD'.
PROCESS IF (TIPRN=2).
ANOVA VARIABLES=PESRN PESMINRN LONGRN PCRN SCRN
       BY HMDMAC(1,2) SEXRN(1,2) CONDIACL(1,5) WITH EGRN
      /IMCRN RDP5ORN PERPESRN PSSERN PSTRRN
       BY HMDMAC(1,2) SEXRN(1,2) CONDIACL(1,5) WITH EGRN
    /STA=3.
SET LISTING=OFF.

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* Programa XPD1R038.CNT para comprobar utilidad del análisis discriminante
     para la predicción de la macrosomía.
SET PRINTER=OFF LISTING=OFF WIDTH=132.
TITLE 'Análisis de discriminante y macrosomía'.
SUBTITLE 'Predicción en gestantes normales'.
SET LISTING='XPD1R038.RS1'.
DSCRIMINANT GROUPS=MACTIPO2(1,2)
    /VARIABLES=TALLAMAT NUMGEST EDADMAT EGRN MACPRECL SCMAT
    /SELECT=TIPOGES(1)
    /ANALYSIS=TALLAMAT TO EGRN
    /ANALYSIS=TALLAMAT TO MACPRECL
    /ANALYSIS=NUMGEST TO EGRN SCMAT
    /ANALYSIS=NUMGEST TO SCMAT
    /STA=11 13 14 15.
SET LISTING='XPD1R038.RS2'.
SUBTITLE 'Predicción en gestantes diabéticas'.
PROCESS IF (TIPRN=2).
DSCRIMINANT GROUPS=MACTIPO2(1,2)
    /VARIABLES=RNTIPO NUMGEST TALLAMAT CONDIACL KONTROL
    /ANALYSIS=RNTIPO TO TALLAMAT
    /ANALYSIS=RNTIPO TO TALLAMAT KONTROL
    /ANALYSIS=NUMGEST TO CONDIACL
    /ANALYSIS=NUMGEST TO KONTROL
    /STA=11 13 14 15.
SET LISTING=OFF.

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* Programa XPD1R039.CNT para comprobar utilidad del análisis discriminante
     para la predicción de la macrosomía.
SET PRINTER=OFF LISTING=OFF WIDTH=132.
TITLE 'Análisis de discriminante y macrosomía'.
SUBTITLE 'Predicción en gestantes normales'.
SET LISTING='XPD1R039.RS1'.
SUBTITLE 'Predicción en gestantes diabéticas'.
PROCESS IF (TIPRN=2).
DSCRIMINANT GROUPS=MACTIPO2(1,2)
    /VARIABLES=RNTIPO NUMGEST TALLAMAT CONDIACL KONTROLU
    /ANALYSIS=RNTIPO TO TALLAMAT
    /ANALYSIS=RNTIPO TO TALLAMAT KONTROLU
    /ANALYSIS=NUMGEST TO CONDIACL
    /ANALYSIS=NUMGEST TO KONTROLU
    /STA=11 13 14 15.
SET LISTING='XPD1R039.RS2'.
PROCESS IF (TIPRN=2).
DSCRIMINANT GROUPS=MACTIPO2(1,2)
    /VARIABLES=RNTIPO NUMGEST TALLAMAT CONDIACL KONTROL3
    /ANALYSIS=RNTIPO TO TALLAMAT
    /ANALYSIS=RNTIPO TO TALLAMAT KONTROL3
    /ANALYSIS=NUMGEST TO CONDIACL
    /ANALYSIS=NUMGEST TO KONTROL3
    /STA=11 13 14 15.
SET LISTING=OFF.

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* Programa XPD1R040.CNT para comprobar utilidad del análisis discriminante
     para la predicción de la macrosomía.
SET PRINTER=OFF LISTING=OFF WIDTH=132.
TITLE 'Análisis de discriminante y macrosomía'.
SET LISTING='XPD1R040.RS1'.
SUBTITLE 'Predicción en gestantes diabéticas'.
PROCESS IF (TIPRN=2).
DSCRIMINANT GROUPS=MACTIPO2(1,2)
    /VARIABLES=RNTIPO NUMGEST TALLAMAT MACPRECL CONDIACL KONTROLU
    /ANALYSIS=RNTIPO TO MACPRECL
    /ANALYSIS=RNTIPO TO MACPRECL KONTROLU
    /ANALYSIS=NUMGEST TO CONDIACL
    /ANALYSIS=NUMGEST TO KONTROLU
    /STA=11 13 14 15.
SET LISTING='XPD1R040.RS2'.
PROCESS IF (TIPRN=2).
DSCRIMINANT GROUPS=MACTIPO2(1,2)
    /VARIABLES=RNTIPO NUMGEST TALLAMAT MACPRECL CONDIACL KONTROL3
    /ANALYSIS=RNTIPO TO MACPRECL
    /ANALYSIS=RNTIPO TO MACPRECL KONTROL3
    /ANALYSIS=NUMGEST TO CONDIACL
    /ANALYSIS=NUMGEST TO KONTROL3
    /STA=11 13 14 15.
SET LISTING='XPD1R040.RS3'.
SUBTITLE 'Predicción en gestantes diabéticas tipo A de White'.
PROCESS IF (RNTIPO=2).
DSCRIMINANT GROUPS=MACTIPO2(1,2)
    /VARIABLES=NUMGEST MACPRECL CONDIACL KONTROL3 KONTROLU
    /ANALYSIS=NUMGEST MACPRECL
    /ANALYSIS=NUMGEST MACPRECL KONTROLU
    /ANALYSIS=NUMGEST TO CONDIACL
    /ANALYSIS=NUMGEST TO CONDIACL KONTROLU
    /ANALYSIS=NUMGEST MACPRECL KONTROL3
    /ANALYSIS=NUMGEST TO CONDIACL KONTROL3
    /STA=11 13 14 15.
SET LISTING='XPD1R040.RS4'.
SUBTITLE 'Predicción en gestantes diabéticas insulinodependientes'.
PROCESS IF (RNTIPO=3).
DSCRIMINANT GROUPS=MACTIPO2(1,2)
    /VARIABLES=NUMGEST MACPRECL CONDIACL KONTROL3
    /ANALYSIS=NUMGEST MACPRECL
    /ANALYSIS=NUMGEST TO CONDIACL
    /ANALYSIS=NUMGEST MACPRECL KONTROL3
    /ANALYSIS=NUMGEST TO CONDIACL KONTROL3
    /STA=11 13 14 15.
SET LISTING=OFF.
```

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* Programa XPD1R041.CNT para análisis del fenómeno macrosómico.
SET PRINTER=OFF LISTING=OFF WIDTH=132.
TITLE 'Correlaciones somatométricas'.
SET LISTING='XPD1R041.RS1'.
SUBTITLE 'Todos los hijos de gestantes normales'.
PROCESS IF (TIPOGES=1).
CORRELATION VARIABLES=PESRN LONGRN PCRN PSSERN PSTRRN SCRN IMCRN RDP5ORN
     PESPLA RPLARN WITH NUMGEST EDADMAT TALLAMAT PESMATH SCMAT IMCMAT RPMATEO
     INCPESM PSSEMAT PSTRMAT HBGLMATP EGRN PESRN LONGRN PCRN PSSERN PSTRRN
     /OPTIONS=2 5.
SUBTITLE 'Los macrosomas no HMD'.
PROCESS IF (RNTIPO=4).
CORRELATION VARIABLES=PESRN LONGRN PCRN PSSERN PSTRRN SCRN IMCRN RDP5ORN
     PESPLA RPLARN WITH NUMGEST EDADMAT TALLAMAT PESMATH SCMAT IMCMAT RPMATEO
     INCPESM PSSEMAT PSTRMAT HBGLMATP EGRN PESRN LONGRN PCRN PSSERN PSTRRN
     /OPTIONS=2 5.
SUBTITLE 'Los normales no macrosomas'.
PROCESS IF (RNTIPO=1).
CORRELATION VARIABLES=PESRN LONGRN PCRN PSSERN PSTRRN SCRN IMCRN RDP5ORN
     PESPLA RPLARN WITH NUMGEST EDADMAT TALLAMAT PESMATH SCMAT IMCMAT RPMATEO
     INCPESM PSSEMAT PSTRMAT HBGLMATP EGRN PESRN LONGRN PCRN PSSERN PSTRRN
     /OPTIONS=2 5.
SUBTITLE 'Todos los HMD'.
PROCESS IF (TIPRN=2).
CORRELATION VARIABLES=PESRN LONGRN PCRN PSSERN PSTRRN SCRN IMCRN RDP5ORN
     PESPLA RPLARN WITH NUMGEST EDADMAT TALLAMAT PESMATH SCMAT IMCMAT RPMATEO
     INCPESM PSSEMAT PSTRMAT HBGL1CN HBGL2CN HBGL3CN HBGLUSCN HBGLMATP
     ACIRIMCN EGRN PESRN LONGRN PCRN PSSERN PSTRRN
     /OPTIONS=2 5.
SUBTITLE 'Los HMD gestacional'.
PROCESS IF (RNTIPO=2).
CORRELATION VARIABLES=PESRN LONGRN PCRN PSSERN PSTRRN SCRN IMCRN RDP5ORN
     PESPLA RPLARN WITH NUMGEST EDADMAT TALLAMAT PESMATH SCMAT IMCMAT RPMATEO
     INCPESM PSSEMAT PSTRMAT HBGL1CN HBGL2CN HBGL3CN HBGLUSCN HBGLMATP
     ACIRIMCN EGRN PESRN LONGRN PCRN PSSERN PSTRRN
     /OPTIONS=2 5.
SUBTITLE 'Los HMD tipos B,C y D de White'.
PROCESS IF (RNTIPO=3).
CORRELATION VARIABLES=PESRN LONGRN PCRN PSSERN PSTRRN SCRN IMCRN RDP5ORN
     PESPLA RPLARN WITH NUMGEST EDADMAT TALLAMAT PESMATH SCMAT IMCMAT RPMATEO
     INCPESM PSSEMAT PSTRMAT HBGL1CN HBGL2CN HBGL3CN HBGLUSCN HBGLMATP
     ACIRIMCN EGRN PESRN LONGRN PCRN PSSERN PSTRRN
     /OPTIONS=2 5.
SET LISTING='XPD1R041.RS2'.
SUBTITLE 'Todos los hijos de gestantes normales'.
SELECT IF (ORDINAL<>1 AND ORDINAL<>16 AND ORDINAL<>23 AND ORDINAL<>88
     AND ORDINAL<>90).
PROCESS IF (TIPOGES=1).
CORRELATION VARIABLES=PESRN LONGRN PCRN PSSERN PSTRRN SCRN IMCRN RDP5ORN
     PESPLA RPLARN WITH GLCORD TO IRGCORD RIRIGSC TO RCPIRGSC GLUDES GLUDESP
     /OPTIONS=2 5.
SUBTITLE 'Los macrosomas no HMD'.
PROCESS IF (RNTIPO=4).
CORRELATION VARIABLES=PESRN LONGRN PCRN PSSERN PSTRRN SCRN IMCRN RDP5ORN
     PESPLA RPLARN WITH GLCORD TO IRGCORD RIRIGSC TO RCPIRGSC GLUDES GLUDESP
     /OPTIONS=2 5.
SUBTITLE 'Los R.N. normales no macrosomas'.
PROCESS IF (RNTIPO=1).
CORRELATION VARIABLES=PESRN LONGRN PCRN PSSERN PSTRRN SCRN IMCRN RDP5ORN
     PESPLA RPLARN WITH GLCORD TO IRGCORD RIRIGSC TO RCPIRGSC GLUDES GLUDESP
     /OPTIONS=2 5.
SUBTITLE 'Todos los HMD'.
PROCESS IF (TIPRN=2).
CORRELATION VARIABLES=PESRN LONGRN PCRN PSSERN PSTRRN SCRN IMCRN RDP5ORN
     PESPLA RPLARN WITH GLCORD TO IRGCORD RIRIGSC TO RCPIRGSC GLUDES GLUDESP
     ACIRICOR
     /OPTIONS=2 5.
SUBTITLE 'Los HMD gestacional'.
PROCESS IF (RNTIPO=2).
CORRELATION VARIABLES=PESRN LONGRN PCRN PSSERN PSTRRN SCRN IMCRN RDP5ORN
     PESPLA RPLARN WITH GLCORD TO IRGCORD RIRIGSC TO RCPIRGSC GLUDES GLUDESP
     ACIRICOR
     /OPTIONS=2 5.
```

```
SUBTITLE 'Los HMD tipos B,C y D de White'.
PROCESS IF (RNTIPO=3).
CORRELATION VARIABLES=PESRN LONGRN PCRN PSSERN PSTRRN SCRN IMCRN RDP5ORN
     PESPLA RPLARN WITH GLCORD TO IRGCORD RIRIGSC TO RCPIRGSC GLUDES GLUDESP
     ACIRICOR
     /OPTIONS=2 5.
SET LISTING=OFF.

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* Programa XPD1R042.CNT para análisis de correlaciones especiales.
SET PRINTER=OFF LISTING=OFF WIDTH=132.
TITLE 'Correlaciones analíticas'.
SET LISTING='XPD1R042.RS1'.
SUBTITLE 'Todos los HMD'.
PROCESS IF (TIPRN=2).
CORRELATION VARIABLES=ACIRIMCN ACIRICOR HBGLMATP WITH ACIRIMCN ACIRICOR
     HBGLMATP HBGL3CN HBGLUSCN GLCORD TO IRGCORD GLMIN1H TO SEMGL1H
     /OPTIONS=2 5.
SET LISTING=OFF.
* Programa XPD1R043.CNT para la predicción del fenómeno macrosómico.
SET PRINTER=OFF LISTING=OFF WIDTH=132.
TITLE 'Regresión múltiple de parámetros somatométricos'.
SUBTITLE 'Parámetros clínicos en los R.N. de gestantes normales'.
SET LISTING='XPD1R043.RS1'.
REGRESSION VARIABLES=(COLLECT)
     /DESCRIPTIVES=MEAN STDDEV CORR N
     /SELECT=TIPOGES EQ 1
     /MISSING=PAIRWISE
     /WIDTH=132
     /STATISTICS=R ANOVA COEFF OUTS CI TOL END HISTORY
     /DEPENDENT=PESRN
     /METHOD=STEP PESMATH TALLAMAT INCPESM PSSEMAT
     /RESIDUALS=SIZE(SMALL) DURBIN HISTOGRAM(ZRESID) NORMPROB(ZRESID)
     /DEPENDENT=PESRN
     /METHOD=ENTER PESMATH TALLAMAT INCPESM PSSEMAT
     /RESIDUALS=SIZE(SMALL) DURBIN HISTOGRAM(ZRESID) NORMPROB(ZRESID)
     /DEPENDENT=PESRN
     /METHOD=STEP SCMAT INCPESM PSSEMAT
     /RESIDUALS=SIZE(SMALL) DURBIN HISTOGRAM(ZRESID) NORMPROB(ZRESID)
     /DEPENDENT=PESRN
     /METHOD=ENTER SCMAT INCPESM PSSEMAT
     /RESIDUALS=SIZE(SMALL) DURBIN HISTOGRAM(ZRESID) NORMPROB(ZRESID)
     /DEPENDENT=SCRN
     /METHOD=STEP PESMATH TALLAMAT INCPESM PSSEMAT
     /RESIDUALS=SIZE(SMALL) DURBIN HISTOGRAM(ZRESID) NORMPROB(ZRESID)
     /DEPENDENT=SCRN
     /METHOD=ENTER PESMATH TALLAMAT INCPESM PSSEMAT
     /RESIDUALS=SIZE(SMALL) DURBIN HISTOGRAM(ZRESID) NORMPROB(ZRESID)
     /DEPENDENT=SCRN
     /METHOD=STEP SCMAT INCPESM PSSEMAT
     /RESIDUALS=SIZE(SMALL) DURBIN HISTOGRAM(ZRESID) NORMPROB(ZRESID)
     /DEPENDENT=SCRN
     /METHOD=ENTER SCMAT INCPESM PSSEMAT
     /RESIDUALS=SIZE(SMALL) DURBIN HISTOGRAM(ZRESID) NORMPROB(ZRESID)
     /DEPENDENT=IMCRN
     /METHOD=STEP PESMATH TALLAMAT INCPESM PSSEMAT
     /RESIDUALS=SIZE(SMALL) DURBIN HISTOGRAM(ZRESID) NORMPROB(ZRESID)
     /DEPENDENT=IMCRN
     /METHOD=ENTER PESMATH TALLAMAT INCPESM PSSEMAT
     /RESIDUALS=SIZE(SMALL) DURBIN HISTOGRAM(ZRESID) NORMPROB(ZRESID)
     /DEPENDENT=IMCRN
     /METHOD=STEP SCMAT INCPESM PSSEMAT
     /RESIDUALS=SIZE(SMALL) DURBIN HISTOGRAM(ZRESID) NORMPROB(ZRESID)
     /DEPENDENT=IMCRN
     /METHOD=ENTER SCMAT INCPESM PSSEMAT
     /RESIDUALS=SIZE(SMALL) DURBIN HISTOGRAM(ZRESID) NORMPROB(ZRESID).
SET LISTING=OFF.

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* Programa XPD1R044.CNT para la explicación del fenómeno macrosómico.
SET PRINTER=OFF LISTING=OFF WIDTH=132.
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```
TITLE 'Regresión múltiple de parámetros somatométricos'.
SELECT IF (TIPRN=2).
SUBTITLE 'Parámetros analíticos en los HMD gestacionales'.
SET LISTING='XPD1R044.RS1'.
REGRESSION VARIABLES=(COLLECT)
     /DESCRIPTIVES=MEAN STDDEV CORR N
     /SELECT=RNTIPO EQ 2
     /MISSING=PAIRWISE
     /WIDTH=132
     /STATISTICS=R ANOVA COEFF OUTS CI TOL END HISTORY
     /DEPENDENT=PESRN SCRN IMCRN PSSERN PSTRRN
     /METHOD=STEP CPCORD EGRN
     /RESIDUALS=SIZE(SMALL) DURBIN HISTOGRAM(ZRESID) NORMPROB(ZRESID)
     /DEPENDENT=PESRN SCRN IMCRN PSSERN PSTRRN
     /METHOD=STEP RCPGSC EGRN
     /RESIDUALS=SIZE(SMALL) DURBIN HISTOGRAM(ZRESID) NORMPROB(ZRESID)
     /DEPENDENT=PESRN SCRN IMCRN PSSERN PSTRRN
     /METHOD=STEP RCPIRGSC EGRN
     /RESIDUALS=SIZE(SMALL) DURBIN HISTOGRAM(ZRESID) NORMPROB(ZRESID).
SET LISTING='XPD1R044.RS2'.
PROCESS IF (RNTIPO=2).
REGRESSION VARIABLES=(COLLECT)
     /DESCRIPTIVES=MEAN STDDEV CORR N
     /MISSING=PAIRWISE
     /WIDTH=132
     /STATISTICS=R ANOVA COEFF OUTS CI TOL END HISTORY
     /DEPENDENT=PESRN SCRN IMCRN PSSERN PSTRRN
     /METHOD=ENTER CPCORD EGRN HBGL3CN
     /RESIDUALS=SIZE(SMALL) DURBIN HISTOGRAM(ZRESID) NORMPROB(ZRESID)
     /DEPENDENT=PESRN SCRN IMCRN PSSERN PSTRRN
     /METHOD=ENTER RCPGSC EGRN HBGL3CN
     /RESIDUALS=SIZE(SMALL) DURBIN HISTOGRAM(ZRESID) NORMPROB(ZRESID)
     /DEPENDENT=PESRN SCRN IMCRN PSSERN PSTRRN
     /METHOD=ENTER RCPIRGSC EGRN HBGL3CN
     /RESIDUALS=SIZE(SMALL) DURBIN HISTOGRAM(ZRESID) NORMPROB(ZRESID).
SUBTITLE 'Parámetros analíticos en los HMD tipos B,C y D'.
SET LISTING='XPD1R044.RS3'.
REGRESSION VARIABLES=(COLLECT)
     /DESCRIPTIVES=MEAN STDDEV CORR N
     /SELECT=RNTIPO EQ 3
     /MISSING=PAIRWISE
     /WIDTH=132
     /STATISTICS=R ANOVA COEFF OUTS CI TOL END HISTORY
     /DEPENDENT=PESRN SCRN IMCRN PSSERN PSTRRN
     /METHOD=STEP IRICORD ACIRIMCN
     /RESIDUALS=SIZE(SMALL) DURBIN HISTOGRAM(ZRESID) NORMPROB(ZRESID)
     /DEPENDENT=PESRN SCRN IMCRN PSSERN PSTRRN
     /METHOD=STEP RIRIGSC ACIRIMCN
     /RESIDUALS=SIZE(SMALL) DURBIN HISTOGRAM(ZRESID) NORMPROB(ZRESID)
     /DEPENDENT=PESRN SCRN IMCRN PSSERN PSTRRN
     /METHOD=STEP RIRIRGSC ACIRIMCN
     /RESIDUALS=SIZE(SMALL) DURBIN HISTOGRAM(ZRESID) NORMPROB(ZRESID).
SET LISTING=OFF.


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* Programa XPD1R045.CNT para la explicación del fenómeno macrosómico.
SET PRINTER=OFF LISTING=OFF WIDTH=132.
TITLE 'Regresión múltiple de parámetros somatométricos'.
SUBTITLE 'Parámetros clínicos en los HMD gestacionales'.
SET LISTING='XPD1R045.RS1'.
PROCESS IF (TIPRN=2).
REGRESSION VARIABLES=(COLLECT)
     /DESCRIPTIVES=MEAN STDDEV CORR N
     /SELECT=RNTIPO EQ 2
     /MISSING=PAIRWISE
     /WIDTH=132
     /STATISTICS=R ANOVA COEFF OUTS CI TOL END HISTORY
     /DEPENDENT=PESRN SCRN IMCRN PSSERN PSTRRN
     /METHOD=STEP TALLAMAT EGRN HBGL3CN
     /RESIDUALS=SIZE(SMALL) DURBIN HISTOGRAM(ZRESID) NORMPROB(ZRESID)
     /DEPENDENT=PESRN SCRN IMCRN PSSERN PSTRRN
     /METHOD=ENTER EGRN HBGL3CN
     /RESIDUALS=SIZE(SMALL) DURBIN HISTOGRAM(ZRESID) NORMPROB(ZRESID).
SUBTITLE 'Parámetros clínicos en los HMD tipos B,C y D'.
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```
SET LISTING='XPD1R045.RS2'.
PROCESS IF (TIPRN=2).
REGRESSION VARIABLES=(COLLECT)
     /DESCRIPTIVES=MEAN STDDEV CORR N
     /MISSING=PAIRWISE
     /WIDTH=132
     /SELECT=RNTIPO EQ 3
     /STATISTICS=R ANOVA COEFF OUTS CI TOL END HISTORY
     /DEPENDENT=PESRN SCRN IMCRN PSSERN PSTRRN
     /METHOD=STEP TALLAMAT EGRN HBGLUSCN ACIRIMCN
     /RESIDUALS=SIZE(SMALL) DURBIN HISTOGRAM(ZRESID) NORMPROB(ZRESID)
     /DEPENDENT=PESRN SCRN IMCRN PSSERN PSTRRN
     /METHOD=ENTER HBGLUSCN ACIRIMCN
     /RESIDUALS=SIZE(SMALL) DURBIN HISTOGRAM(ZRESID) NORMPROB(ZRESID).
SET LISTING=OFF.

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* Programa XPD1R046.CNT para la explicación del fenómeno macrosómico.
SET PRINTER=OFF LISTING=OFF WIDTH=132.
TITLE 'Regresión múltiple de parámetros somatométricos'.
SUBTITLE 'Parámetros clínicos en los HMD con ACIRIMCN'.
SET LISTING='XPD1R046.RS1'.
PROCESS IF (ACIRIMCN<>0).
REGRESSION VARIABLES=(COLLECT)
     /DESCRIPTIVES=MEAN STDDEV CORR N
     /MISSING=PAIRWISE
     /WIDTH=132
     /STATISTICS=R ANOVA COEFF OUTS CI TOL END HISTORY
     /DEPENDENT=PESRN SCRN IMCRN PSSERN PSTRRN
     /METHOD=ENTER HBGLUSCN ACIRIMCN
     /RESIDUALS=SIZE(SMALL) DURBIN HISTOGRAM(ZRESID) NORMPROB(ZRESID).
SET LISTING=OFF.

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* Programa XPD1R047.CNT para confeccionar la tablas de macrosomía.
SET LISTING=OFF PRINTER=OFF WIDTH=80.
SET LISTING='XPD1R047.TB1'.
TABLES / FORMATS=MARGINS(15,79) LENGTH(2,64) BOX ZERO CWIDTH(20) LEADER('.')
    /OBSERVATION=PESRN LONGRN PCRN SCRN IMCRN RDP5ORN PSSERN PSTRRN
     PESMATH TALLAMAT SCMAT IMCMAT PSSEMAT PSTRMAT INCPESM PESPLA RPLARN
    /TABLE=(PESRN + LONGRN + PCRN + SCRN) BY MACTIPOE
      /STATISTICS=VALIDN('Nº de casos') MEAN('Media') SEMEAN('Error estándar')
       STDDEV('Desv. estándar')
      /TFOOTNOTE=LEFT'Tabla 4.77.- Parámetros somatométricos neonatales'
    /TABLE=(IMCRN + RDP5ORN + PSSERN + PSTRRN) BY MACTIPOE
      /STATISTICS=VALIDN('Nº de casos') MEAN('Media') SEMEAN('Error estándar')
       STDDEV('Desv. estándar')
      /TFOOTNOTE=LEFT'Tabla 4.78.- Parámetros somatométricos neonatales'
    /TABLE=(PESMATH + TALLAMAT + SCMAT + IMCMAT) BY MACTIPOE
      /STATISTICS=VALIDN('Nº de casos') MEAN('Media') SEMEAN('Error estándar')
       STDDEV('Desv. estándar')
      /TFOOTNOTE=LEFT'Tabla 4.79.- Parámetros somatométricos maternos'
    /TABLE=(PSSEMAT + PSTRMAT + INCPESM + PESPLA + RPLARN) BY MACTIPOE
      /STATISTICS=VALIDN('Nº de casos') MEAN('Media') SEMEAN('Error estándar')
       STDDEV('Desv. estándar')
      /TFOOTNOTE=LEFT'Tabla 4.77.- Parámetros somatométricos neonatales'.

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* Programa XPD1R048.CNT para estudio de diferencias en el comportamiento
     del descenso glucémico entre los macrosomas no HMD y macrosomas HMD.
SET PRINTER=OFF LISTING=OFF WIDTH=132.
TITLE 'Estudio analítico de la macrosomía'.
SELECT IF (ORDINAL<>1 AND ORDINAL<>88 AND ORDINAL<>89 AND ORDINAL<>90).
SUBTITLE 'Comparaciones maternas'.
SET LISTING='XPD1R048.RS1'.
ANOVA VARIABLES=GLMATP TO IRGMATP RIRIGMP BY MACTIPOE(1,3) WITH NUMGEST EDADMAT
    /RCPGMP TO RCPIRGMP BY MACTIPOE(1,3) WITH NUMGEST EDADMAT
    /STA=3.
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```
SUBTITLE 'Comparaciones neonatales'.
SET LISTING='XPD1R048.RS2'.
ANOVA VARIABLES=GLCORD TO IRGCORD RIRIGSC BY MACTIPOE(1,3) WITH EGRN PHFET
    /RCPGSC TO RCPIRGSC BY MACTIPOE(1,3) WITH EGRN PHFET
    /SEMGL1H GLUDES GLUDESP BY MACTIPOE(1,3) WITH EGRN PHFET
    /STA=3.
SET LISTING='XPD1R048.RS3'.
ANOVA VARIABLES=GLMIN1H TO IRG1H RIRIG1H BY MACTIPOE(1,3) WITH EGRN PHFET
    /RCPG1H TO RCPIRG1H BY MACTIPOE(1,3) WITH EGRN PHFET
    /STA=3.
SET LISTING=OFF.

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* Programa XPD1R049.CNT para análisis descriptivo en la 1ª hora de vida.
SET PRINTER=OFF WIDTH=80.
TITLE 'Análisis descriptivo de la primera hora de vida'.
SUBTITLE 'Estudio limitado a R.N. normales y macrosomas (HMD o no)'.
SELECT IF (ORDINAL<>1 AND ORDINAL<>88 AND ORDINAL<>89 AND ORDINAL<>90).
SET LISTING='XPD1R049.TB1'.
TABLES/FORMATS MARGIN(15,79) LENGTH(2,64) BOX LEADER('.') ZERO CWIDTH(20)
      /OBSERVATION=GLCORD TO IRGCORD GLMIN1H TO EBFET
   /TABLE=(GLCORD+IRICORD+CPCORD+IRGCORD) BY MACTIPOE
      /STATISTICS=VALIDN('Nº de casos') MEAN('Media') SEMEAN('Error estándar')
       STDDEV('Desv. estándar') MEDIAN('Mediana')
      /TTITLE=LEFT 'Situación metabólica neonatal en cordón según tipo R.N.'
   /TABLE=(GLMIN1H+IRI1H+CP1H+IRG1H) BY MACTIPOE
      /STATISTICS=VALIDN('Nº de casos') MEAN('Media') SEMEAN('Error estándar')
       STDDEV('Desv. estándar') MEDIAN('Mediana')
      /TTITLE=LEFT 'Situación metabólica neonatal a los 60 m. según tipo R.N.'
   /TABLE=(PHFET+EBFET) BY MACTIPOE
      /STATISTICS=VALIDN('Nº de casos') MEAN('Media') SEMEAN('Error estándar')
       STDDEV('Desv. estándar') MEDIAN('Mediana')
      /TTITLE=LEFT 'Situación metabólica neonatal según tipo R.N.'.
SET LISTING='XPD1R049.TB2'.
TABLES/FORMATS MARGIN(15,79) LENGTH(2,64) BOX LEADER('.') ZERO CWIDTH(20)
      /OBSERVATION=RIRIGSC TO GLUDESP SEMGL1H
   /TABLE=(RIRIGSC+RCPGSC+RIRGGSC) BY MACTIPOE
      /STATISTICS=VALIDN('Nº de casos') MEAN('Media') SEMEAN('Error estándar')
       STDDEV('Desv. estándar') MEDIAN('Mediana')
      /TTITLE=LEFT 'Situación metabólica neonatal en cordón según tipo R.N.'
   /TABLE=(RIRICPSC+RIRIRGSC+RCPIRGSC) BY MACTIPOE
      /STATISTICS=VALIDN('Nº de casos') MEAN('Media') SEMEAN('Error estándar')
       STDDEV('Desv. estándar') MEDIAN('Mediana')
      /TTITLE=LEFT 'Situación metabólica neonatal a los 60 m. según tipo R.N.'
   /TABLE=(RIRIG1H+RCPG1H+RIRGG1H) BY MACTIPOE
      /STATISTICS=VALIDN('Nº de casos') MEAN('Media') SEMEAN('Error estándar')
       STDDEV('Desv. estándar') MEDIAN('Mediana')
      /TTITLE=LEFT 'Situación metabólica neonatal en cordón según tipo R.N.'
   /TABLE=(RIRICP1H+RIRIRG1H+RCPIRG1H) BY MACTIPOE
      /STATISTICS=VALIDN('Nº de casos') MEAN('Media') SEMEAN('Error estándar')
       STDDEV('Desv. estándar') MEDIAN('Mediana')
      /TTITLE=LEFT 'Situación metabólica neonatal a los 60 m. según tipo R.N.'
   /TABLE=(SEMGL1H+GLUDES+GLUDESP) BY MACTIPOE
      /STATISTICS=VALIDN('Nº de casos') MEAN('Media') SEMEAN('Error estándar')
       STDDEV('Desv. estándar') MEDIAN('Mediana')
      /TTITLE=LEFT 'Situación metabólica neonatal según tipo R.N.'.
SET LISTING=OFF.

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* Programa XPD1R050.CNT para estudio de ANOVA en la 1ª hora de vida.
SET WIDTH=80 PRINTER=OFF LISTING=OFF.
TITLE 'ANOVA en la 1ª hora de vida'.
SUBTITLE 'Estudio limitado a R.N. normales y macrosomas (HMD y no HMD)'.
SELECT IF (ORDINAL <> 1 AND ORDINAL <> 88 AND ORDINAL <> 89 AND ORDINAL <> 90).
SET LISTING='XPD1R050.RS1'.
ONEWAY VARIABLES=GLCORD TO IRGCORD GLMIN1H TO EBFET BY MACTIPOE(1,3)
     /CONTRAST=-1 1 0
     /CONTRAST=0 -1 1
     /RANGES=SCHEFFE
     /STA=3.
SET LISTING='XPD1R050.RS2'.
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ONEWAY VARIABLES=RIRIGSC TO RCPIRG1H BY MACTIPOE(1,3)
     /CONTRAST=-1 .5 .5
     /CONTRAST=0 -1 1
     /RANGES=SCHEFFE
     /STA=3.
SET LISTING='XPD1R050.RS3'.
ONEWAY VARIABLES=GLUDES TO IRGVAR1P BY MACTIPOE(1,3)
     /CONTRAST=-1 1 0
     /CONTRAST=0 -1 1
     /RANGES=SCHEFFE
     /STA=3.
TITLE 'Estadística no paramétrica de la 1ª hora de vida'.
SET LISTING='XPD1R050.RS4'.
NPAR TESTS K-W=GLCORD TO IRGCORD GLMIN1H TO EBFET RIRIGMP
      TO RCPIRG1H GLUDES TO IRGVAR1P BY MACTIPOE (1,3).
SET LISTING='XPD1R050.RS5'.
NPAR TESTS M-W=GLCORD TO IRGCORD GLMIN1H TO EBFET RIRIGMP
      TO RCPIRG1H GLUDES TO IRGVAR1P BY MACTIPOE (1,2).
SET LISTING='XPD1R050.RS6'.
NPAR TESTS M-W=GLCORD TO IRGCORD GLMIN1H TO EBFET RIRIGMP
      TO RCPIRG1H GLUDES TO IRGVAR1P BY MACTIPOE (2,3).
SET LISTING=OFF.
```

```
* Programa XPD2R001.CNT para estudio de frecuencias y normalidades.
SET WIDTH=80 PRINTER=OFF.
TITLE 'Análisis descriptivo global y pruebas de normalidad'.
SUBTITLE 'Estudio de los días 2,4 y 7'.
SET LISTING='XPD2R001.RST'.
FREQUENCIES VARIABLES=GL2A TO HBF4
    /FORMAT=NOTABLE
    /PERCENTILES=3 10 90 97
    /STATISTICS=ALL.
NPAR TESTS K-S(NORMAL)=GL2A TO HBF4.
SET LISTING='XPD2R001.TB1'.
TABLES/FORMATS MARGIN(15,79) LENGTH(2,64) BOX BOLD LEADER('.') ZERO CWIDTH(20)
      /PTITLE='Análisis descriptivo global'
      /FTOTAL=T1 'Total'
      /OBSERVATION=GL2A TO IRG4D
    /TABLE=(GL2A+IRI2A+CP2A+IRG2A) BY (SEXRN+T1)
      /STATISTICS=VALIDN('Nº de casos') MEAN('Media') SEMEAN('Error estándar')
       STDDEV('Desv. estándar') MEDIAN('Mediana') MAXIMUM('Valor máximo')
       MINIMUM('Valor mínimo') RANGE('Intervalo')
      /TTITLE=LEFT 'Variabilidad general de datos metabólicos neonatales'
    /TABLE=(GL2D+IRI2D+CP2D+IRG2D) BY (SEXRN+T1)
      /STATISTICS=VALIDN('Nº de casos') MEAN('Media') SEMEAN('Error estándar')
       STDDEV('Desv. estándar') MEDIAN('Mediana') MAXIMUM('Valor máximo')
       MINIMUM('Valor mínimo') RANGE('Intervalo')
      /TTITLE=LEFT 'Variabilidad general de datos metabólicos neonatales'
    /TABLE=(GL4A+IRI4A+CP4A+IRG4A) BY (SEXRN+T1)
      /STATISTICS=VALIDN('Nº de casos') MEAN('Media') SEMEAN('Error estándar')
       STDDEV('Desv. estándar') MEDIAN('Mediana') MAXIMUM('Valor máximo')
       MINIMUM('Valor mínimo') RANGE('Intervalo')
      /TTITLE=LEFT 'Variabilidad general de datos metabólicos neonatales'
    /TABLE=(GL4D+IRI4D+CP4D+IRG4D) BY (SEXRN+T1)
      /STATISTICS=VALIDN('Nº de casos') MEAN('Media') SEMEAN('Error estándar')
       STDDEV('Desv. estándar') MEDIAN('Mediana') MAXIMUM('Valor máximo')
       MINIMUM('Valor mínimo') RANGE('Intervalo')
      /TTITLE=LEFT 'Variabilidad general de datos metabólicos neonatales'.
SET LISTING='XPD2R001.TB2'.
TABLES/FORMATS MARGIN(15,79) LENGTH(2,64) BOX BOLD LEADER('.') ZERO CWIDTH(20)
      /PTITLE='Análisis descriptivo global'
      /FTOTAL=T1 'Total'
      /OBSERVATION=GL7A TO HBF4 GLMAX2 GLMAX4 ESTGL2 ESTGL4
    /TABLE=(GL7A+IRI7A+CP7A+IRG7A) BY (SEXRN+T1)
      /STATISTICS=VALIDN('Nº de casos') MEAN('Media') SEMEAN('Error estándar')
       STDDEV('Desv. estándar') MEDIAN('Mediana') MAXIMUM('Valor máximo')
       MINIMUM('Valor mínimo') RANGE('Intervalo')
      /TTITLE=LEFT 'Variabilidad general de datos metabólicos neonatales'
    /TABLE=(GL7D+IRI7D+CP7D+IRG7D) BY (SEXRN+T1)
      /STATISTICS=VALIDN('Nº de casos') MEAN('Media') SEMEAN('Error estándar')
       STDDEV('Desv. estándar') MEDIAN('Mediana') MAXIMUM('Valor máximo')
       MINIMUM('Valor mínimo') RANGE('Intervalo')
      /TTITLE=LEFT 'Variabilidad general de datos metabólicos neonatales'
    /TABLE=(GLMAX2+GLMAX4+GLMAX7) BY (SEXRN+T1)
      /STATISTICS=VALIDN('Nº de casos') MEAN('Media') SEMEAN('Error estándar')
       STDDEV('Desv. estándar') MEDIAN('Mediana') MAXIMUM('Valor máximo')
       MINIMUM('Valor mínimo') RANGE('Intervalo')
      /TTITLE=LEFT 'Variabilidad general de datos metabólicos neonatales'
    /TABLE=(ESTGL2+ESTGL4+ESTGL7) BY (SEXRN+T1)
      /STATISTICS=VALIDN('Nº de casos') MEAN('Media') SEMEAN('Error estándar')
       STDDEV('Desv. estándar') MEDIAN('Mediana') MAXIMUM('Valor máximo')
       MINIMUM('Valor mínimo') RANGE('Intervalo')
      /TTITLE=LEFT 'Variabilidad general de datos metabólicos neonatales'
      /TFOOTNOTE=LEFT '(Estímulo glucémico definido por área de sobrecarga)'.

##############################################################################

* Programa XPD2R002.CNT para estudio descriptivo de R.N. normales y HMD.
SET WIDTH=80 PRINTER=OFF.
TITLE 'Análisis descriptivo del 2º, 4º y 7º días de vida'.
SUBTITLE 'Estudio limitado al R.N. normal y HMD'.
SELECT IF (RNTIPO LT 4).
SELECT IF (ORDINAL <> 72 AND ORDINAL <> 84).
SET LISTING='XPD2R002.RST'.
MEANS TABLES=GL2A TO HBF4 BY RNTIPO KONTROL/STA=ALL.
SET LISTING='XPD2R002.TB1'.
TABLES/FORMATS MARGIN(15,79) LENGTH(2,64) BOX BOLD LEADER('.') ZERO CWIDTH(20)
      /PTITLE='Análisis descriptivo de la primera semana de vida'
      /OBSERVATION=GL2A TO IRG4D
   /TABLE=(GL2A+IRI2A+CP2A+IRG2A) BY RNTIPO
```

```
     /STATISTICS=VALIDN('Nº de casos') MEAN('Media') SEMEAN('Error estándar')
      STDDEV('Desv. estándar') MEDIAN('Mediana')
     /TTITLE=LEFT 'Situación metabólica basal al 2º día según tipo de R.N.'
   /TABLE=(GLMAX2+IRI2D+CP2D+IRG2D) BY RNTIPO
     /STATISTICS=VALIDN('Nº de casos') MEAN('Media') SEMEAN('Error estándar')
      STDDEV('Desv. estándar') MEDIAN('Mediana')
     /TTITLE=LEFT 'Situación metabólica postcarga al 2º día según tipo de R.N.'
   /TABLE=(GL4A+IRI4A+CP4A+IRG4A) BY RNTIPO
     /STATISTICS=VALIDN('Nº de casos') MEAN('Media') SEMEAN('Error estándar')
      STDDEV('Desv. estándar') MEDIAN('Mediana')
     /TTITLE=LEFT 'Situación metabólica basal al 4º día según tipo de R.N.'
   /TABLE=(GLMAX4+IRI4D+CP4D+IRG4D) BY RNTIPO
     /STATISTICS=VALIDN('Nº de casos') MEAN('Media') SEMEAN('Error estándar')
      STDDEV('Desv. estándar') MEDIAN('Mediana')
     /TTITLE=LEFT 'Situación metabólica postcarga al 4º día según tipo de R.N.'.
SET LISTING='XPD2R002.TB2'.
TABLES/FORMATS MARGIN(15,79) LENGTH(2,64) BOX BOLD LEADER('.') ZERO CWIDTH(20)
      /PTITLE='Análisis descriptivo de la primera semana de vida'
      /OBSERVATION=GL7A TO HBF4 ESTGL2 ESTGL4
   /TABLE=(GL7A+IRI7A+CP7A+IRG7A) BY RNTIPO
     /STATISTICS=VALIDN('Nº de casos') MEAN('Media') SEMEAN('Error estándar')
      STDDEV('Desv. estándar') MEDIAN('Mediana')
     /TTITLE=LEFT 'Situación metabólica basal al 7º día según tipo de R.N.'
   /TABLE=(GLMAX7+IRI7D+CP7D+IRG7D) BY RNTIPO
     /STATISTICS=VALIDN('Nº de casos') MEAN('Media') SEMEAN('Error estándar')
      STDDEV('Desv. estándar') MEDIAN('Mediana')
     /TTITLE=LEFT 'Situación metabólica postcarga al 7º día según tipo de R.N.'
   /TABLE=(ESTGL2+ESTGL4+ESTGL7) BY RNTIPO
     /STATISTICS=VALIDN('Nº de casos') MEAN('Media') SEMEAN('Error estándar')
      STDDEV('Desv. estándar') MEDIAN('Mediana')
     /TTITLE=LEFT 'Estímulos glucémicos alcanzados según tipo de R.N.'
     /TFOOTNOTE=LEFT '(Estímulo glucémico definido por el área de sobrecarga)'.
SET LISTING='XPD2R002.TB3'.
TABLES/FORMATS MARGIN(15,79) LENGTH(2,64) BOX BOLD LEADER('.') ZERO CWIDTH(20)
      /PTITLE='Análisis descriptivo de la primera semana de vida'
      /OBSERVATION=GL2A TO IRG4D
   /TABLE=(GL2A+IRI2A+CP2A+IRG2A) BY KONTROL
     /STATISTICS=VALIDN('Nº de casos') MEAN('Media') SEMEAN('Error estándar')
      STDDEV('Desv. estándar') MEDIAN('Mediana')
     /TTITLE=LEFT 'Situación metabólica basal al 2º día según control'
   /TABLE=(GLMAX2+IRI2D+CP2D+IRG2D) BY KONTROL
     /STATISTICS=VALIDN('Nº de casos') MEAN('Media') SEMEAN('Error estándar')
      STDDEV('Desv. estándar') MEDIAN('Mediana')
     /TTITLE=LEFT 'Situación metabólica postcarga al 2º día según control'
   /TABLE=(GL4A+IRI4A+CP4A+IRG4A) BY KONTROL
     /STATISTICS=VALIDN('Nº de casos') MEAN('Media') SEMEAN('Error estándar')
      STDDEV('Desv. estándar') MEDIAN('Mediana')
     /TTITLE=LEFT 'Situación metabólica basal al 4º día según control'
   /TABLE=(GLMAX4+IRI4D+CP4D+IRG4D) BY KONTROL
     /STATISTICS=VALIDN('Nº de casos') MEAN('Media') SEMEAN('Error estándar')
      STDDEV('Desv. estándar') MEDIAN('Mediana')
     /TTITLE=LEFT 'Situación metabólica postcarga al 4º día según control'.
SET LISTING='XPD2R002.TB4'.
TABLES/FORMATS MARGIN(15,79) LENGTH(2,64) BOX BOLD LEADER('.') ZERO CWIDTH(20)
      /PTITLE='Análisis descriptivo de la primera semana de vida'
      /OBSERVATION=GL7A TO HBF4 ESTGL2 ESTGL4
   /TABLE=(GL7A+IRI7A+CP7A+IRG7A) BY KONTROL
     /STATISTICS=VALIDN('Nº de casos') MEAN('Media') SEMEAN('Error estándar')
      STDDEV('Desv. estándar') MEDIAN('Mediana')
     /TTITLE=LEFT 'Situación metabólica basal al 7º día según control'
   /TABLE=(GLMAX7+IRI7D+CP7D+IRG7D) BY KONTROL
     /STATISTICS=VALIDN('Nº de casos') MEAN('Media') SEMEAN('Error estándar')
      STDDEV('Desv. estándar') MEDIAN('Mediana')
     /TTITLE=LEFT 'Situación metabólica postcarga al 7º día según control'
   /TABLE=(ESTGL2+ESTGL4+ESTGL7) BY KONTROL
     /STATISTICS=VALIDN('Nº de casos') MEAN('Media') SEMEAN('Error estándar')
      STDDEV('Desv. estándar') MEDIAN('Mediana')
     /TTITLE=LEFT 'Estímulos glucémicos alcanzados según control'
     /TFOOTNOTE=LEFT '(Estímulo glucémico definido por el área de sobrecarga)'.
SET LISTING=OFF.

###############################################################################

* Programa XPD2R003.CNT para estudio descriptivo de variables calculadas.
* Limitado a 2ª, 4ª y 7ª días de vida.
SET WIDTH=80 PRINTER=OFF.
TITLE 'Análisis descriptivo de la 1ª semana de vida'.
```

```
SUBTITLE 'Estudio limitado a R.N. normales y HMD'.
SELECT IF (RNTIPO LT 4).
SELECT IF (ORDINAL <> 72 AND ORDINAL <> 84).
SET LISTING='XPD2R003.RST'.
MEAN TABLES=IRIVAR2 TO IRGVAR7P RIRIG2A TO RCPIRG7D SOGRAT1 TO SOGRAT3
     BY RNTIPO KONTROL / STA=ALL.
SET LISTING=OFF.

##############################################################################

* Programa XPD2R004.CNT para cálculo de normalidades en variables computadas.
TITLE 'Análisis descriptivo global y pruebas de normalidad'.
SUBTITLE 'Variables computadas en los días 2, 4 y 7'.
SET WIDTH=80 PRINTER=OFF LISTING='XPD2R004.RS1'.
NPAR TESTS K-S(NORMAL)=RIRIG2A TO RCPIRG2D.
SET LISTING='XPD2R004.RS2'.
NPAR TESTS K-S(NORMAL)=RIRIG4A TO RCPIRG4D.
SET LISTING='XPD2R004.RS3'.
NPAR TESTS K-S(NORMAL)=RIRIG7A TO RCPIRG7D.
SET LISTING='XPD2R004.RS4'.
NPAR TESTS K-S(NORMAL)=IRIVAR2 TO IRGVAR7P SOGRAT1 TO SOGRAT3.
SET LISTING=OFF.

##############################################################################

* Programa XPD2R005.CNT para análisis de la evolución temporal de la función
     pancreática en el recién nacido normal durante la primera semana de vida.
SET WIDTH=80 LISTING=OFF PRINTER=OFF.
TITLE 'Evolución de la función pancreática en la 1ª sem.'.
SUBTITLE 'Estudio limitado a los R.N. normales'.
SELECT IF (RNTIPO EQ 1).
SET LISTING='XPD2R005.RS1'.
NPAR TESTS FRIEDMAN=GL2A GL4A GL7A.
NPAR TESTS FRIEDMAN=IRI2A IRI4A IRI7A.
NPAR TESTS FRIEDMAN=CP2A CP4A CP7A.
NPAR TESTS FRIEDMAN=IRG2A IRG4A IRG7A.
NPAR TESTS FRIEDMAN=GLMAX2 GLMAX4 GLMAX7.
NPAR TESTS FRIEDMAN=GL2D GL4D GL7D.
NPAR TESTS FRIEDMAN=IRI2D IRI4D IRI7D.
NPAR TESTS FRIEDMAN=CP2D CP4D CP7D.
NPAR TESTS FRIEDMAN=IRG2D IRG4D IRG7D.
NPAR TESTS FRIEDMAN=ESTGL2 ESTGL4 ESTGL7.
SET LISTING=OFF.

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* Programa XPD2R006.CNT para análisis de la evolución temporal de la función
     pancreática en el recién nacido normal durante la primera semana de vida.
SET WIDTH=80 LISTING=OFF PRINTER=OFF.
TITLE 'Evolución de la función pancreática en la 1ª sem.'.
SUBTITLE 'Estudio limitado a los HMD gestacional'.
SELECT IF (RNTIPO EQ 2).
SET LISTING='XPD2R006.RS1'.
NPAR TESTS FRIEDMAN=GL2A GL4A GL7A.
NPAR TESTS FRIEDMAN=IRI2A IRI4A IRI7A.
NPAR TESTS FRIEDMAN=CP2A CP4A CP7A.
NPAR TESTS FRIEDMAN=IRG2A IRG4A IRG7A.
NPAR TESTS FRIEDMAN=GLMAX2 GLMAX4 GLMAX7.
NPAR TESTS FRIEDMAN=GL2D GL4D GL7D.
NPAR TESTS FRIEDMAN=IRI2D IRI4D IRI7D.
NPAR TESTS FRIEDMAN=CP2D CP4D CP7D.
NPAR TESTS FRIEDMAN=IRG2D IRG4D IRG7D.
NPAR TESTS FRIEDMAN=ESTGL2 ESTGL4 ESTGL7.
SET LISTING=OFF.

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* Programa XPD2R007.CNT para análisis de la evolución temporal de la función
     pancreática en el recién nacido normal durante la primera semana de vida.
SET WIDTH=80 LISTING=OFF PRINTER=OFF.
TITLE 'Evolución de la función pancreática en la 1ª sem.'.
SUBTITLE 'Estudio limitado a los HMD insulinodependiente'.
SELECT IF (RNTIPO EQ 3).
SET LISTING='XPD2R007.RS1'.
NPAR TESTS FRIEDMAN=GL2A GL4A GL7A.
NPAR TESTS FRIEDMAN=IRI2A IRI4A IRI7A.
NPAR TESTS FRIEDMAN=CP2A CP4A CP7A.
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NPAR TESTS FRIEDMAN=IRG2A IRG4A IRG7A.
NPAR TESTS FRIEDMAN=GLMAX2 GLMAX4 GLMAX7.
NPAR TESTS FRIEDMAN=GL2D GL4D GL7D.
NPAR TESTS FRIEDMAN=IRI2D IRI4D IRI7D.
NPAR TESTS FRIEDMAN=CP2D CP4D CP7D.
NPAR TESTS FRIEDMAN=IRG2D IRG4D IRG7D.
NPAR TESTS FRIEDMAN=ESTGL2 ESTGL4 ESTGL7.
SET LISTING=OFF.

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* Programa XPD2R008.CNT para análisis de la evolución temporal de la función
     pancreática en el recién nacido normal durante la primera semana de vida.
SET WIDTH=80 LISTING=OFF PRINTER=OFF.
TITLE 'Evolución de la función pancreática en la 1ª sem.'.
SUBTITLE 'Estudio limitado a los macosomas no HMD'.
SELECT IF (RNTIPO EQ 4).
SET LISTING='XPD2R008.RS1'.
NPAR TESTS FRIEDMAN=GL2A GL4A GL7A.
NPAR TESTS FRIEDMAN=IRI2A IRI4A IRI7A.
NPAR TESTS FRIEDMAN=CP2A CP4A CP7A.
NPAR TESTS FRIEDMAN=IRG2A IRG4A IRG7A.
NPAR TESTS FRIEDMAN=GLMAX2 GLMAX4 GLMAX7.
NPAR TESTS FRIEDMAN=GL2D GL4D GL7D.
NPAR TESTS FRIEDMAN=IRI2D IRI4D IRI7D.
NPAR TESTS FRIEDMAN=CP2D CP4D CP7D.
NPAR TESTS FRIEDMAN=IRG2D IRG4D IRG7D.
NPAR TESTS FRIEDMAN=ESTGL2 ESTGL4 ESTGL7.
SET LISTING=OFF.

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* Programa XPD2R009.CNT para análisis de la evolución temporal de la función
     pancreática en el recién nacido normal durante la primera semana de vida.
SET WIDTH=80 LISTING=OFF PRINTER=OFF.
TITLE 'Evolución de la función pancreática en la 1ª sem.'.
SUBTITLE 'Estudio limitado a los HMD con buen control'.
SELECT IF (KONTROL EQ 2).
SET LISTING='XPD2R009.RS1'.
NPAR TESTS FRIEDMAN=GL2A GL4A GL7A.
NPAR TESTS FRIEDMAN=IRI2A IRI4A IRI7A.
NPAR TESTS FRIEDMAN=CP2A CP4A CP7A.
NPAR TESTS FRIEDMAN=IRG2A IRG4A IRG7A.
NPAR TESTS FRIEDMAN=GLMAX2 GLMAX4 GLMAX7.
NPAR TESTS FRIEDMAN=GL2D GL4D GL7D.
NPAR TESTS FRIEDMAN=IRI2D IRI4D IRI7D.
NPAR TESTS FRIEDMAN=CP2D CP4D CP7D.
NPAR TESTS FRIEDMAN=IRG2D IRG4D IRG7D.
NPAR TESTS FRIEDMAN=ESTGL2 ESTGL4 ESTGL7.
SET LISTING=OFF.

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* Programa XPD2R010.CNT para análisis de la evolución temporal de la función
     pancreática en el recién nacido normal durante la primera semana de vida.
SET WIDTH=80 LISTING=OFF PRINTER=OFF.
TITLE 'Evolución de la función pancreática en la 1ª sem.'.
SUBTITLE 'Estudio limitado a los HMD con mal control'.
SELECT IF (KONTROL EQ 3).
SET LISTING='XPD2R010.RS1'.
NPAR TESTS FRIEDMAN=GL2A GL4A GL7A.
NPAR TESTS FRIEDMAN=IRI2A IRI4A IRI7A.
NPAR TESTS FRIEDMAN=CP2A CP4A CP7A.
NPAR TESTS FRIEDMAN=IRG2A IRG4A IRG7A.
NPAR TESTS FRIEDMAN=GLMAX2 GLMAX4 GLMAX7.
NPAR TESTS FRIEDMAN=GL2D GL4D GL7D.
NPAR TESTS FRIEDMAN=IRI2D IRI4D IRI7D.
NPAR TESTS FRIEDMAN=CP2D CP4D CP7D.
NPAR TESTS FRIEDMAN=IRG2D IRG4D IRG7D.
NPAR TESTS FRIEDMAN=ESTGL2 ESTGL4 ESTGL7.
SET LISTING=OFF.

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* Programa XPD2R011.CNT para comprobar si existen dirferencias respecto al sexo
     de los recién nacidos.
SET WIDTH=80 PRINTER=OFF LISTING=OFF.
```

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TITLE 'Análisis descriptivo global de variables'.
SUBTITLE 'Diferencias por sexos en las variables crudas'.
SET LISTING='XPD2R011.RS1'.
T-TEST GROUPS=SEXRN(1,2)/VARIABLES=GL2A TO HBF4.
SET LISTING=OFF.

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* Programa XPD2R012.CNT para análisis por MANOVA de los resultados hormonales
     correspondientes a la primera semana de vida.
TITLE 'Estudio de la primera semana de vida'.
SUBTITLE 'Todos los recién nacidos'.
SET WIDTH=132 LISTING='XPD2R012.RS1'.
MANOVA GL2A GL4A GL7A BY RNTIPO(1,4)
     /WSFACTORS=DIA(3)
     /CONTRAST(DIA)=DIFFERENCE
     /RENAME=PROM DIF24 DIF24V7
     /WSDESIGN=DIA
     /PRINT=CELLINFO(MEANS) TRANSFORM SIGNIF(UNIV AVERF SINGLEDEF)
          HOMOGENEITY(BARTLETT BOXM) PARAM(ESTIM)
     /DESIGN=RNTIPO.
MANOVA IRI2A IRI4A IRI7A BY RNTIPO(1,4)
     /WSFACTORS=DIA(3)
     /CONTRAST(DIA)=DIFFERENCE
     /RENAME=PROM DIF24 DIF24V7
     /WSDESIGN=DIA
     /PRINT=CELLINFO(MEANS) TRANSFORM SIGNIF(UNIV AVERF SINGLEDEF)
          HOMOGENEITY(BARTLETT BOXM) PARAM(ESTIM)
     /DESIGN=RNTIPO.
MANOVA CP2A CP4A CP7A BY RNTIPO(1,4)
     /WSFACTORS=DIA(3)
     /CONTRAST(DIA)=DIFFERENCE
     /RENAME=PROM DIF24 DIF24V7
     /WSDESIGN=DIA
     /PRINT=CELLINFO(MEANS) TRANSFORM SIGNIF(UNIV AVERF SINGLEDEF)
          HOMOGENEITY(BARTLETT BOXM) PARAM(ESTIM)
     /DESIGN=RNTIPO.
MANOVA IRG2A IRG4A IRG7A BY RNTIPO(1,4)
     /WSFACTORS=DIA(3)
     /CONTRAST(DIA)=DIFFERENCE
     /RENAME=PROM DIF24 DIF24V7
     /WSDESIGN=DIA
     /PRINT=CELLINFO(MEANS) TRANSFORM SIGNIF(UNIV AVERF SINGLEDEF)
          HOMOGENEITY(BARTLETT BOXM) PARAM(ESTIM)
     /DESIGN=RNTIPO.
SET LISTING='XPD2R012.RS2'.
MANOVA GL2D GL4D GL7D BY RNTIPO(1,4)
     /WSFACTORS=DIA(3)
     /CONTRAST(DIA)=DIFFERENCE
     /RENAME=PROM DIF24 DIF24V7
     /WSDESIGN=DIA
     /PRINT=CELLINFO(MEANS) TRANSFORM SIGNIF(UNIV AVERF SINGLEDEF)
          HOMOGENEITY(BARTLETT BOXM) PARAM(ESTIM)
     /DESIGN=RNTIPO.
MANOVA GLMAX2 GLMAX4 GLMAX7 BY RNTIPO(1,4)
     /WSFACTORS=DIA(3)
     /CONTRAST(DIA)=DIFFERENCE
     /RENAME=PROM DIF24 DIF24V7
     /WSDESIGN=DIA
     /PRINT=CELLINFO(MEANS) TRANSFORM SIGNIF(UNIV AVERF SINGLEDEF)
          HOMOGENEITY(BARTLETT BOXM) PARAM(ESTIM)
     /DESIGN=RNTIPO.
MANOVA IRI2D IRI4D IRI7D BY RNTIPO(1,4)
     /WSFACTORS=DIA(3)
     /CONTRAST(DIA)=DIFFERENCE
     /RENAME=PROM DIF24 DIF24V7
     /WSDESIGN=DIA
     /PRINT=CELLINFO(MEANS) TRANSFORM SIGNIF(UNIV AVERF SINGLEDEF)
          HOMOGENEITY(BARTLETT BOXM) PARAM(ESTIM)
     /DESIGN=RNTIPO.
MANOVA CP2D CP4D CP7D BY RNTIPO(1,4)
     /WSFACTORS=DIA(3)
     /CONTRAST(DIA)=DIFFERENCE
     /RENAME=PROM DIF24 DIF24V7
     /WSDESIGN=DIA
     /PRINT=CELLINFO(MEANS) TRANSFORM SIGNIF(UNIV AVERF SINGLEDEF)
          HOMOGENEITY(BARTLETT BOXM) PARAM(ESTIM)
```

```
     /DESIGN=RNTIPO.
MANOVA IRG2D IRG4D IRG7D BY RNTIPO(1,4)
     /WSFACTORS=DIA(3)
     /CONTRAST(DIA)=DIFFERENCE
     /RENAME=PROM DIF24 DIF24V7
     /WSDESIGN=DIA
     /PRINT=CELLINFO(MEANS) TRANSFORM SIGNIF(UNIV AVERF SINGLEDEF)
          HOMOGENEITY(BARTLETT BOXM) PARAM(ESTIM)
     /DESIGN=RNTIPO.
MANOVA ESTGL2 ESTGL4 ESTGL7 BY RNTIPO(1,4)
     /WSFACTORS=DIA(3)
     /CONTRAST(DIA)=DIFFERENCE
     /RENAME=PROM DIF24 DIF24V7
     /WSDESIGN=DIA
     /PRINT=CELLINFO(MEANS) TRANSFORM SIGNIF(UNIV AVERF SINGLEDEF)
          HOMOGENEITY(BARTLETT BOXM) PARAM(ESTIM)
     /DESIGN=RNTIPO.
SET LISTING='XPD2R012.RS3'.
MANOVA RIRIG2A RIRIG4A RIRIG7A BY RNTIPO(1,4)
     /WSFACTORS=DIA(3)
     /CONTRAST(DIA)=DIFFERENCE
     /RENAME=PROM DIF24 DIF24V7
     /WSDESIGN=DIA
     /PRINT=CELLINFO(MEANS) TRANSFORM SIGNIF(UNIV AVERF SINGLEDEF)
          HOMOGENEITY(BARTLETT BOXM) PARAM(ESTIM)
     /DESIGN=RNTIPO.
MANOVA RCPG2A RCPG4A RCPG7A BY RNTIPO(1,4)
     /WSFACTORS=DIA(3)
     /CONTRAST(DIA)=DIFFERENCE
     /RENAME=PROM DIF24 DIF24V7
     /WSDESIGN=DIA
     /PRINT=CELLINFO(MEANS) TRANSFORM SIGNIF(UNIV AVERF SINGLEDEF)
          HOMOGENEITY(BARTLETT BOXM) PARAM(ESTIM)
     /DESIGN=RNTIPO.
MANOVA RIRGG2A RIRGG4A RIRGG7A BY RNTIPO(1,4)
     /WSFACTORS=DIA(3)
     /CONTRAST(DIA)=DIFFERENCE
     /RENAME=PROM DIF24 DIF24V7
     /WSDESIGN=DIA
     /PRINT=CELLINFO(MEANS) TRANSFORM SIGNIF(UNIV AVERF SINGLEDEF)
          HOMOGENEITY(BARTLETT BOXM) PARAM(ESTIM)
     /DESIGN=RNTIPO.
MANOVA RIRICP2A RIRICP4A RIRICP7A BY RNTIPO(1,4)
     /WSFACTORS=DIA(3)
     /CONTRAST(DIA)=DIFFERENCE
     /RENAME=PROM DIF24 DIF24V7
     /WSDESIGN=DIA
     /PRINT=CELLINFO(MEANS) TRANSFORM SIGNIF(UNIV AVERF SINGLEDEF)
          HOMOGENEITY(BARTLETT BOXM) PARAM(ESTIM)
     /DESIGN=RNTIPO.
MANOVA RIRIRG2A RIRIRG4A RIRIRG7A BY RNTIPO(1,4)
     /WSFACTORS=DIA(3)
     /CONTRAST(DIA)=DIFFERENCE
     /RENAME=PROM DIF24 DIF24V7
     /WSDESIGN=DIA
     /PRINT=CELLINFO(MEANS) TRANSFORM SIGNIF(UNIV AVERF SINGLEDEF)
          HOMOGENEITY(BARTLETT BOXM) PARAM(ESTIM)
     /DESIGN=RNTIPO.
MANOVA RCPIRG2A RCPIRG4A RCPIRG7A BY RNTIPO(1,4)
     /WSFACTORS=DIA(3)
     /CONTRAST(DIA)=DIFFERENCE
     /RENAME=PROM DIF24 DIF24V7
     /WSDESIGN=DIA
     /PRINT=CELLINFO(MEANS) TRANSFORM SIGNIF(UNIV AVERF SINGLEDEF)
          HOMOGENEITY(BARTLETT BOXM) PARAM(ESTIM)
     /DESIGN=RNTIPO.
SET LISTING='XPD2R012.RS4'.
MANOVA RIRIG2D RIRIG4D RIRIG7D BY RNTIPO(1,4)
     /WSFACTORS=DIA(3)
     /CONTRAST(DIA)=DIFFERENCE
     /RENAME=PROM DIF24 DIF24V7
     /WSDESIGN=DIA
     /PRINT=CELLINFO(MEANS) TRANSFORM SIGNIF(UNIV AVERF SINGLEDEF)
          HOMOGENEITY(BARTLETT BOXM) PARAM(ESTIM)
     /DESIGN=RNTIPO.
MANOVA RCPG2D RCPG4D RCPG7D BY RNTIPO(1,4)
     /WSFACTORS=DIA(3)
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     /CONTRAST(DIA)=DIFFERENCE
     /RENAME=PROM DIF24 DIF24V7
     /WSDESIGN=DIA
     /PRINT=CELLINFO(MEANS) TRANSFORM SIGNIF(UNIV AVERF SINGLEDEF)
          HOMOGENEITY(BARTLETT BOXM) PARAM(ESTIM)
     /DESIGN=RNTIPO.
MANOVA RIRGG2D RIRGG4D RIRGG7D BY RNTIPO(1,4)
     /WSFACTORS=DIA(3)
     /CONTRAST(DIA)=DIFFERENCE
     /RENAME=PROM DIF24 DIF24V7
     /WSDESIGN=DIA
     /PRINT=CELLINFO(MEANS) TRANSFORM SIGNIF(UNIV AVERF SINGLEDEF)
          HOMOGENEITY(BARTLETT BOXM) PARAM(ESTIM)
     /DESIGN=RNTIPO.
MANOVA RIRICP2D RIRICP4D RIRICP7D BY RNTIPO(1,4)
     /WSFACTORS=DIA(3)
     /CONTRAST(DIA)=DIFFERENCE
     /RENAME=PROM DIF24 DIF24V7
     /WSDESIGN=DIA
     /PRINT=CELLINFO(MEANS) TRANSFORM SIGNIF(UNIV AVERF SINGLEDEF)
          HOMOGENEITY(BARTLETT BOXM) PARAM(ESTIM)
     /DESIGN=RNTIPO.
MANOVA RIRIRG2D RIRIRG4D RIRIRG7D BY RNTIPO(1,4)
     /WSFACTORS=DIA(3)
     /CONTRAST(DIA)=DIFFERENCE
     /RENAME=PROM DIF24 DIF24V7
     /WSDESIGN=DIA
     /PRINT=CELLINFO(MEANS) TRANSFORM SIGNIF(UNIV AVERF SINGLEDEF)
          HOMOGENEITY(BARTLETT BOXM) PARAM(ESTIM)
     /DESIGN=RNTIPO.
MANOVA RCPIRG2D RCPIRG4D RCPIRG7D BY RNTIPO(1,4)
     /WSFACTORS=DIA(3)
     /CONTRAST(DIA)=DIFFERENCE
     /RENAME=PROM DIF24 DIF24V7
     /WSDESIGN=DIA
     /PRINT=CELLINFO(MEANS) TRANSFORM SIGNIF(UNIV AVERF SINGLEDEF)
          HOMOGENEITY(BARTLETT BOXM) PARAM(ESTIM)
     /DESIGN=RNTIPO.
SET LISTING=OFF.

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* Programa XPD2R013.CNT para análisis por MANOVA de los resultados hormonales
     correspondientes a la primera semana de vida.
TITLE 'Estudio de la primera semana de vida'.
SUBTITLE 'Todos los recién nacidos'.
SET WIDTH=132 LISTING='XPD2R013.RS1'.
MANOVA GL2A GL4A GL7A BY KONTROL(1,4)
     /WSFACTORS=DIA(3)
     /CONTRAST(DIA)=DIFFERENCE
     /RENAME=PROM DIF24 DIF24V7
     /WSDESIGN=DIA
     /PRINT=CELLINFO(MEANS) TRANSFORM SIGNIF(UNIV AVERF SINGLEDEF)
          HOMOGENEITY(BARTLETT BOXM) PARAM(ESTIM)
     /DESIGN=KONTROL.
MANOVA IRI2A IRI4A IRI7A BY KONTROL(1,4)
     /WSFACTORS=DIA(3)
     /CONTRAST(DIA)=DIFFERENCE
     /RENAME=PROM DIF24 DIF24V7
     /WSDESIGN=DIA
     /PRINT=CELLINFO(MEANS) TRANSFORM SIGNIF(UNIV AVERF SINGLEDEF)
          HOMOGENEITY(BARTLETT BOXM) PARAM(ESTIM)
     /DESIGN=KONTROL.
MANOVA CP2A CP4A CP7A BY KONTROL(1,4)
     /WSFACTORS=DIA(3)
     /CONTRAST(DIA)=DIFFERENCE
     /RENAME=PROM DIF24 DIF24V7
     /WSDESIGN=DIA
     /PRINT=CELLINFO(MEANS) TRANSFORM SIGNIF(UNIV AVERF SINGLEDEF)
          HOMOGENEITY(BARTLETT BOXM) PARAM(ESTIM)
     /DESIGN=KONTROL.
MANOVA IRG2A IRG4A IRG7A BY KONTROL(1,4)
     /WSFACTORS=DIA(3)
     /CONTRAST(DIA)=DIFFERENCE
     /RENAME=PROM DIF24 DIF24V7
     /WSDESIGN=DIA
     /PRINT=CELLINFO(MEANS) TRANSFORM SIGNIF(UNIV AVERF SINGLEDEF)
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          HOMOGENEITY(BARTLETT BOXM) PARAM(ESTIM)
     /DESIGN=KONTROL.
SET LISTING='XPD2R013.RS2'.
MANOVA GL2D GL4D GL7D BY KONTROL(1,4)
     /WSFACTORS=DIA(3)
     /CONTRAST(DIA)=DIFFERENCE
     /RENAME=PROM DIF24 DIF24V7
     /WSDESIGN=DIA
     /PRINT=CELLINFO(MEANS) TRANSFORM SIGNIF(UNIV AVERF SINGLEDEF)
          HOMOGENEITY(BARTLETT BOXM) PARAM(ESTIM)
     /DESIGN=KONTROL.
MANOVA GLMAX2 GLMAX4 GLMAX7 BY KONTROL(1,4)
     /WSFACTORS=DIA(3)
     /CONTRAST(DIA)=DIFFERENCE
     /RENAME=PROM DIF24 DIF24V7
     /WSDESIGN=DIA
     /PRINT=CELLINFO(MEANS) TRANSFORM SIGNIF(UNIV AVERF SINGLEDEF)
          HOMOGENEITY(BARTLETT BOXM) PARAM(ESTIM)
     /DESIGN=KONTROL.
MANOVA IRI2D IRI4D IRI7D BY KONTROL(1,4)
     /WSFACTORS=DIA(3)
     /CONTRAST(DIA)=DIFFERENCE
     /RENAME=PROM DIF24 DIF24V7
     /WSDESIGN=DIA
     /PRINT=CELLINFO(MEANS) TRANSFORM SIGNIF(UNIV AVERF SINGLEDEF)
          HOMOGENEITY(BARTLETT BOXM) PARAM(ESTIM)
     /DESIGN=KONTROL.
MANOVA CP2D CP4D CP7D BY KONTROL(1,4)
     /WSFACTORS=DIA(3)
     /CONTRAST(DIA)=DIFFERENCE
     /RENAME=PROM DIF24 DIF24V7
     /WSDESIGN=DIA
     /PRINT=CELLINFO(MEANS) TRANSFORM SIGNIF(UNIV AVERF SINGLEDEF)
          HOMOGENEITY(BARTLETT BOXM) PARAM(ESTIM)
     /DESIGN=KONTROL.
MANOVA IRG2D IRG4D IRG7D BY KONTROL(1,4)
     /WSFACTORS=DIA(3)
     /CONTRAST(DIA)=DIFFERENCE
     /RENAME=PROM DIF24 DIF24V7
     /WSDESIGN=DIA
     /PRINT=CELLINFO(MEANS) TRANSFORM SIGNIF(UNIV AVERF SINGLEDEF)
          HOMOGENEITY(BARTLETT BOXM) PARAM(ESTIM)
     /DESIGN=KONTROL.
MANOVA ESTGL2 ESTGL4 ESTGL7 BY KONTROL(1,4)
     /WSFACTORS=DIA(3)
     /CONTRAST(DIA)=DIFFERENCE
     /RENAME=PROM DIF24 DIF24V7
     /WSDESIGN=DIA
     /PRINT=CELLINFO(MEANS) TRANSFORM SIGNIF(UNIV AVERF SINGLEDEF)
          HOMOGENEITY(BARTLETT BOXM) PARAM(ESTIM)
     /DESIGN=KONTROL.
SET LISTING='XPD2R013.RS3'.
MANOVA RIRIG2A RIRIG4A RIRIG7A BY KONTROL(1,4)
     /WSFACTORS=DIA(3)
     /CONTRAST(DIA)=DIFFERENCE
     /RENAME=PROM DIF24 DIF24V7
     /WSDESIGN=DIA
     /PRINT=CELLINFO(MEANS) TRANSFORM SIGNIF(UNIV AVERF SINGLEDEF)
          HOMOGENEITY(BARTLETT BOXM) PARAM(ESTIM)
     /DESIGN=KONTROL.
MANOVA RCPG2A RCPG4A RCPG7A BY KONTROL(1,4)
     /WSFACTORS=DIA(3)
     /CONTRAST(DIA)=DIFFERENCE
     /RENAME=PROM DIF24 DIF24V7
     /WSDESIGN=DIA
     /PRINT=CELLINFO(MEANS) TRANSFORM SIGNIF(UNIV AVERF SINGLEDEF)
          HOMOGENEITY(BARTLETT BOXM) PARAM(ESTIM)
     /DESIGN=KONTROL.
MANOVA RIRGG2A RIRGG4A RIRGG7A BY KONTROL(1,4)
     /WSFACTORS=DIA(3)
     /CONTRAST(DIA)=DIFFERENCE
     /RENAME=PROM DIF24 DIF24V7
     /WSDESIGN=DIA
     /PRINT=CELLINFO(MEANS) TRANSFORM SIGNIF(UNIV AVERF SINGLEDEF)
          HOMOGENEITY(BARTLETT BOXM) PARAM(ESTIM)
     /DESIGN=KONTROL.
MANOVA RIRICP2A RIRICP4A RIRICP7A BY KONTROL(1,4)
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     /WSFACTORS=DIA(3)
     /CONTRAST(DIA)=DIFFERENCE
     /RENAME=PROM DIF24 DIF24V7
     /WSDESIGN=DIA
     /PRINT=CELLINFO(MEANS) TRANSFORM SIGNIF(UNIV AVERF SINGLEDEF)
          HOMOGENEITY(BARTLETT BOXM) PARAM(ESTIM)
     /DESIGN=KONTROL.
MANOVA RIRIRG2A RIRIRG4A RIRIRG7A BY KONTROL(1,4)
     /WSFACTORS=DIA(3)
     /CONTRAST(DIA)=DIFFERENCE
     /RENAME=PROM DIF24 DIF24V7
     /WSDESIGN=DIA
     /PRINT=CELLINFO(MEANS) TRANSFORM SIGNIF(UNIV AVERF SINGLEDEF)
          HOMOGENEITY(BARTLETT BOXM) PARAM(ESTIM)
     /DESIGN=KONTROL.
MANOVA RCPIRG2A RCPIRG4A RCPIRG7A BY KONTROL(1,4)
     /WSFACTORS=DIA(3)
     /CONTRAST(DIA)=DIFFERENCE
     /RENAME=PROM DIF24 DIF24V7
     /WSDESIGN=DIA
     /PRINT=CELLINFO(MEANS) TRANSFORM SIGNIF(UNIV AVERF SINGLEDEF)
          HOMOGENEITY(BARTLETT BOXM) PARAM(ESTIM)
     /DESIGN=KONTROL.
SET LISTING='XPD2R013.RS4'.
MANOVA RIRIG2D RIRIG4D RIRIG7D BY KONTROL(1,4)
     /WSFACTORS=DIA(3)
     /CONTRAST(DIA)=DIFFERENCE
     /RENAME=PROM DIF24 DIF24V7
     /WSDESIGN=DIA
     /PRINT=CELLINFO(MEANS) TRANSFORM SIGNIF(UNIV AVERF SINGLEDEF)
          HOMOGENEITY(BARTLETT BOXM) PARAM(ESTIM)
     /DESIGN=KONTROL.
MANOVA RCPG2D RCPG4D RCPG7D BY KONTROL(1,4)
     /WSFACTORS=DIA(3)
     /CONTRAST(DIA)=DIFFERENCE
     /RENAME=PROM DIF24 DIF24V7
     /WSDESIGN=DIA
     /PRINT=CELLINFO(MEANS) TRANSFORM SIGNIF(UNIV AVERF SINGLEDEF)
          HOMOGENEITY(BARTLETT BOXM) PARAM(ESTIM)
     /DESIGN=KONTROL.
MANOVA RIRGG2D RIRGG4D RIRGG7D BY KONTROL(1,4)
     /WSFACTORS=DIA(3)
     /CONTRAST(DIA)=DIFFERENCE
     /RENAME=PROM DIF24 DIF24V7
     /WSDESIGN=DIA
     /PRINT=CELLINFO(MEANS) TRANSFORM SIGNIF(UNIV AVERF SINGLEDEF)
          HOMOGENEITY(BARTLETT BOXM) PARAM(ESTIM)
     /DESIGN=KONTROL.
MANOVA RIRICP2D RIRICP4D RIRICP7D BY KONTROL(1,4)
     /WSFACTORS=DIA(3)
     /CONTRAST(DIA)=DIFFERENCE
     /RENAME=PROM DIF24 DIF24V7
     /WSDESIGN=DIA
     /PRINT=CELLINFO(MEANS) TRANSFORM SIGNIF(UNIV AVERF SINGLEDEF)
          HOMOGENEITY(BARTLETT BOXM) PARAM(ESTIM)
     /DESIGN=KONTROL.
MANOVA RIRIRG2D RIRIRG4D RIRIRG7D BY KONTROL(1,4)
     /WSFACTORS=DIA(3)
     /CONTRAST(DIA)=DIFFERENCE
     /RENAME=PROM DIF24 DIF24V7
     /WSDESIGN=DIA
     /PRINT=CELLINFO(MEANS) TRANSFORM SIGNIF(UNIV AVERF SINGLEDEF)
          HOMOGENEITY(BARTLETT BOXM) PARAM(ESTIM)
     /DESIGN=KONTROL.
MANOVA RCPIRG2D RCPIRG4D RCPIRG7D BY KONTROL(1,4)
     /WSFACTORS=DIA(3)
     /CONTRAST(DIA)=DIFFERENCE
     /RENAME=PROM DIF24 DIF24V7
     /WSDESIGN=DIA
     /PRINT=CELLINFO(MEANS) TRANSFORM SIGNIF(UNIV AVERF SINGLEDEF)
          HOMOGENEITY(BARTLETT BOXM) PARAM(ESTIM)
     /DESIGN=KONTROL.
SET LISTING=OFF.

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* Programa XPD2R014.CNT para análisis por MANOVA de los resultados hormonales
     correspondientes a la primera semana de vida.
TITLE 'Estudio de la primera semana de vida'.
SUBTITLE 'Todos los recién nacidos'.
SET WIDTH=132 LISTING='XPD2R014.RS1'.
MANOVA GL2A GL4A GL7A BY RNTIPO(1,4)
     /TRANSFORM=ORTHONORM DIFFERENCE
     /RENAME=PROM DIF2V4 DIF24V7
     /PRINT=TRANSFORM SIGNIF(UNIV MULTIV EIGEN)
          HOMOGENEITY(BARTLETT BOXM)
     /DISCRIM=RAW STAN
     /DESIGN=RNTIPO.
MANOVA IRI2A IRI4A IRI7A BY RNTIPO(1,4)
     /TRANSFORM=ORTHONORM DIFFERENCE
     /RENAME=PROM DIF2V4 DIF24V7
     /PRINT=TRANSFORM SIGNIF(UNIV MULTIV EIGEN)
          HOMOGENEITY(BARTLETT BOXM)
     /DISCRIM=RAW STAN
     /DESIGN=RNTIPO.
MANOVA CP2A CP4A CP7A BY RNTIPO(1,4)
     /TRANSFORM=ORTHONORM DIFFERENCE
     /RENAME=PROM DIF2V4 DIF24V7
     /PRINT=TRANSFORM SIGNIF(UNIV MULTIV EIGEN)
          HOMOGENEITY(BARTLETT BOXM)
     /DISCRIM=RAW STAN
     /DESIGN=RNTIPO.
MANOVA IRG2A IRG4A IRG7A BY RNTIPO(1,4)
     /TRANSFORM=ORTHONORM DIFFERENCE
     /RENAME=PROM DIF2V4 DIF24V7
     /PRINT=TRANSFORM SIGNIF(UNIV MULTIV EIGEN)
          HOMOGENEITY(BARTLETT BOXM)
     /DISCRIM=RAW STAN
     /DESIGN=RNTIPO.
SET LISTING='XPD2R014.RS2'.
MANOVA GL2D GL4D GL7D BY RNTIPO(1,4)
     /TRANSFORM=ORTHONORM DIFFERENCE
     /RENAME=PROM DIF2V4 DIF24V7
     /PRINT=TRANSFORM SIGNIF(UNIV MULTIV EIGEN)
          HOMOGENEITY(BARTLETT BOXM)
     /DISCRIM=RAW STAN
     /DESIGN=RNTIPO.
MANOVA GLMAX2 GLMAX4 GLMAX7 BY RNTIPO(1,4)
     /TRANSFORM=ORTHONORM DIFFERENCE
     /RENAME=PROM DIF2V4 DIF24V7
     /PRINT=TRANSFORM SIGNIF(UNIV MULTIV EIGEN)
          HOMOGENEITY(BARTLETT BOXM)
     /DISCRIM=RAW STAN
     /DESIGN=RNTIPO.
MANOVA IRI2D IRI4D IRI7D BY RNTIPO(1,4)
     /TRANSFORM=ORTHONORM DIFFERENCE
     /RENAME=PROM DIF2V4 DIF24V7
     /PRINT=TRANSFORM SIGNIF(UNIV MULTIV EIGEN)
          HOMOGENEITY(BARTLETT BOXM)
     /DISCRIM=RAW STAN
     /DESIGN=RNTIPO.
MANOVA CP2D CP4D CP7D BY RNTIPO(1,4)
     /TRANSFORM=ORTHONORM DIFFERENCE
     /RENAME=PROM DIF2V4 DIF24V7
     /PRINT=TRANSFORM SIGNIF(UNIV MULTIV EIGEN)
          HOMOGENEITY(BARTLETT BOXM)
     /DISCRIM=RAW STAN
     /DESIGN=RNTIPO.
MANOVA IRG2D IRG4D IRG7D BY RNTIPO(1,4)
     /TRANSFORM=ORTHONORM DIFFERENCE
     /RENAME=PROM DIF2V4 DIF24V7
     /PRINT=TRANSFORM SIGNIF(UNIV MULTIV EIGEN)
          HOMOGENEITY(BARTLETT BOXM)
     /DISCRIM=RAW STAN
     /DESIGN=RNTIPO.
MANOVA ESTGL2 ESTGL4 ESTGL7 BY RNTIPO(1,4)
     /TRANSFORM=ORTHONORM DIFFERENCE
     /RENAME=PROM DIF2V4 DIF24V7
     /PRINT=TRANSFORM SIGNIF(UNIV MULTIV EIGEN)
          HOMOGENEITY(BARTLETT BOXM)
     /DISCRIM=RAW STAN
     /DESIGN=RNTIPO.
SET LISTING='XPD2R014.RS3'.
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MANOVA RIRIG2A RIRIG4A RIRIG7A BY RNTIPO(1,4)
     /TRANSFORM=ORTHONORM DIFFERENCE
     /RENAME=PROM DIF2V4 DIF24V7
     /PRINT=TRANSFORM SIGNIF(UNIV MULTIV EIGEN)
          HOMOGENEITY(BARTLETT BOXM)
     /DISCRIM=RAW STAN
     /DESIGN=RNTIPO.
MANOVA RCPG2A RCPG4A RCPG7A BY RNTIPO(1,4)
     /TRANSFORM=ORTHONORM DIFFERENCE
     /RENAME=PROM DIF2V4 DIF24V7
     /PRINT=TRANSFORM SIGNIF(UNIV MULTIV EIGEN)
          HOMOGENEITY(BARTLETT BOXM)
     /DISCRIM=RAW STAN
     /DESIGN=RNTIPO.
MANOVA RIRGG2A RIRGG4A RIRGG7A BY RNTIPO(1,4)
     /TRANSFORM=ORTHONORM DIFFERENCE
     /RENAME=PROM DIF2V4 DIF24V7
     /PRINT=TRANSFORM SIGNIF(UNIV MULTIV EIGEN)
          HOMOGENEITY(BARTLETT BOXM)
     /DISCRIM=RAW STAN
     /DESIGN=RNTIPO.
MANOVA RIRICP2A RIRICP4A RIRICP7A BY RNTIPO(1,4)
     /TRANSFORM=ORTHONORM DIFFERENCE
     /RENAME=PROM DIF2V4 DIF24V7
     /PRINT=TRANSFORM SIGNIF(UNIV MULTIV EIGEN)
          HOMOGENEITY(BARTLETT BOXM)
     /DISCRIM=RAW STAN
     /DESIGN=RNTIPO.
MANOVA RIRIRG2A RIRIRG4A RIRIRG7A BY RNTIPO(1,4)
     /TRANSFORM=ORTHONORM DIFFERENCE
     /RENAME=PROM DIF2V4 DIF24V7
     /PRINT=TRANSFORM SIGNIF(UNIV MULTIV EIGEN)
          HOMOGENEITY(BARTLETT BOXM)
     /DISCRIM=RAW STAN
     /DESIGN=RNTIPO.
MANOVA RCPIRG2A RCPIRG4A RCPIRG7A BY RNTIPO(1,4)
     /TRANSFORM=ORTHONORM DIFFERENCE
     /RENAME=PROM DIF2V4 DIF24V7
     /PRINT=TRANSFORM SIGNIF(UNIV MULTIV EIGEN)
          HOMOGENEITY(BARTLETT BOXM)
     /DISCRIM=RAW STAN
     /DESIGN=RNTIPO.
SET LISTING='XPD2R014.RS4'.
MANOVA RIRIG2D RIRIG4D RIRIG7D BY RNTIPO(1,4)
     /TRANSFORM=ORTHONORM DIFFERENCE
     /RENAME=PROM DIF2V4 DIF24V7
     /PRINT=TRANSFORM SIGNIF(UNIV MULTIV EIGEN)
          HOMOGENEITY(BARTLETT BOXM)
     /DISCRIM=RAW STAN
     /DESIGN=RNTIPO.
MANOVA RCPG2D RCPG4D RCPG7D BY RNTIPO(1,4)
     /TRANSFORM=ORTHONORM DIFFERENCE
     /RENAME=PROM DIF2V4 DIF24V7
     /PRINT=TRANSFORM SIGNIF(UNIV MULTIV EIGEN)
          HOMOGENEITY(BARTLETT BOXM)
     /DISCRIM=RAW STAN
     /DESIGN=RNTIPO.
MANOVA RIRGG2D RIRGG4D RIRGG7D BY RNTIPO(1,4)
     /TRANSFORM=ORTHONORM DIFFERENCE
     /RENAME=PROM DIF2V4 DIF24V7
     /PRINT=TRANSFORM SIGNIF(UNIV MULTIV EIGEN)
          HOMOGENEITY(BARTLETT BOXM)
     /DISCRIM=RAW STAN
     /DESIGN=RNTIPO.
MANOVA RIRICP2D RIRICP4D RIRICP7D BY RNTIPO(1,4)
     /TRANSFORM=ORTHONORM DIFFERENCE
     /RENAME=PROM DIF2V4 DIF24V7
     /PRINT=TRANSFORM SIGNIF(UNIV MULTIV EIGEN)
          HOMOGENEITY(BARTLETT BOXM)
     /DISCRIM=RAW STAN
     /DESIGN=RNTIPO.
MANOVA RIRIRG2D RIRIRG4D RIRIRG7D BY RNTIPO(1,4)
     /TRANSFORM=ORTHONORM DIFFERENCE
     /RENAME=PROM DIF2V4 DIF24V7
     /PRINT=TRANSFORM SIGNIF(UNIV MULTIV EIGEN)
          HOMOGENEITY(BARTLETT BOXM)
     /DISCRIM=RAW STAN
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     /DESIGN=RNTIPO.
MANOVA RCPIRG2D RCPIRG4D RCPIRG7D BY RNTIPO(1,4)
     /TRANSFORM=ORTHONORM DIFFERENCE
     /RENAME=PROM DIF2V4 DIF24V7
     /PRINT=TRANSFORM SIGNIF(UNIV MULTIV EIGEN)
          HOMOGENEITY(BARTLETT BOXM)
     /DISCRIM=RAW STAN
     /DESIGN=RNTIPO.
SET LISTING=OFF.

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* Programa XPD2R015.CNT para análisis por MANOVA de los resultados hormonales
     correspondientes a la primera semana de vida.
TITLE 'Estudio de la primera semana de vida'.
SUBTITLE 'Todos los recién nacidos'.
SET WIDTH=132 LISTING='XPD2R015.RS1'.
MANOVA GL2A GL4A GL7A BY KONTROL(1,4)
     /TRANSFORM=ORTHONORM DIFFERENCE
     /RENAME=PROM DIF2V4 DIF24V7
     /PRINT=TRANSFORM SIGNIF(UNIV MULTIV EIGEN)
          HOMOGENEITY(BARTLETT BOXM)
     /DISCRIM=RAW STAN
     /DESIGN=KONTROL.
MANOVA IRI2A IRI4A IRI7A BY KONTROL(1,4)
     /TRANSFORM=ORTHONORM DIFFERENCE
     /RENAME=PROM DIF2V4 DIF24V7
     /PRINT=TRANSFORM SIGNIF(UNIV MULTIV EIGEN)
          HOMOGENEITY(BARTLETT BOXM)
     /DISCRIM=RAW STAN
     /DESIGN=KONTROL.
MANOVA CP2A CP4A CP7A BY KONTROL(1,4)
     /TRANSFORM=ORTHONORM DIFFERENCE
     /RENAME=PROM DIF2V4 DIF24V7
     /PRINT=TRANSFORM SIGNIF(UNIV MULTIV EIGEN)
          HOMOGENEITY(BARTLETT BOXM)
     /DISCRIM=RAW STAN
     /DESIGN=KONTROL.
MANOVA IRG2A IRG4A IRG7A BY KONTROL(1,4)
     /TRANSFORM=ORTHONORM DIFFERENCE
     /RENAME=PROM DIF2V4 DIF24V7
     /PRINT=TRANSFORM SIGNIF(UNIV MULTIV EIGEN)
          HOMOGENEITY(BARTLETT BOXM)
     /DISCRIM=RAW STAN
     /DESIGN=KONTROL.
SET LISTING='XPD2R015.RS2'.
MANOVA GL2D GL4D GL7D BY KONTROL(1,4)
     /TRANSFORM=ORTHONORM DIFFERENCE
     /RENAME=PROM DIF2V4 DIF24V7
     /PRINT=TRANSFORM SIGNIF(UNIV MULTIV EIGEN)
          HOMOGENEITY(BARTLETT BOXM)
     /DISCRIM=RAW STAN
     /DESIGN=KONTROL.
MANOVA GLMAX2 GLMAX4 GLMAX7 BY KONTROL(1,4)
     /TRANSFORM=ORTHONORM DIFFERENCE
     /RENAME=PROM DIF2V4 DIF24V7
     /PRINT=TRANSFORM SIGNIF(UNIV MULTIV EIGEN)
          HOMOGENEITY(BARTLETT BOXM)
     /DISCRIM=RAW STAN
     /DESIGN=KONTROL.
MANOVA IRI2D IRI4D IRI7D BY KONTROL(1,4)
     /TRANSFORM=ORTHONORM DIFFERENCE
     /RENAME=PROM DIF2V4 DIF24V7
     /PRINT=TRANSFORM SIGNIF(UNIV MULTIV EIGEN)
          HOMOGENEITY(BARTLETT BOXM)
     /DISCRIM=RAW STAN
     /DESIGN=KONTROL.
MANOVA CP2D CP4D CP7D BY KONTROL(1,4)
     /TRANSFORM=ORTHONORM DIFFERENCE
     /RENAME=PROM DIF2V4 DIF24V7
     /PRINT=TRANSFORM SIGNIF(UNIV MULTIV EIGEN)
          HOMOGENEITY(BARTLETT BOXM)
     /DISCRIM=RAW STAN
     /DESIGN=KONTROL.
MANOVA IRG2D IRG4D IRG7D BY KONTROL(1,4)
     /TRANSFORM=ORTHONORM DIFFERENCE
     /RENAME=PROM DIF2V4 DIF24V7
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     /PRINT=TRANSFORM SIGNIF(UNIV MULTIV EIGEN)
          HOMOGENEITY(BARTLETT BOXM)
     /DISCRIM=RAW STAN
     /DESIGN=KONTROL.
MANOVA ESTGL2 ESTGL4 ESTGL7 BY KONTROL(1,4)
     /TRANSFORM=ORTHONORM DIFFERENCE
     /RENAME=PROM DIF2V4 DIF24V7
     /PRINT=TRANSFORM SIGNIF(UNIV MULTIV EIGEN)
          HOMOGENEITY(BARTLETT BOXM)
     /DISCRIM=RAW STAN
     /DESIGN=KONTROL.
SET LISTING='XPD2R015.RS3'.
MANOVA RIRIG2A RIRIG4A RIRIG7A BY KONTROL(1,4)
     /TRANSFORM=ORTHONORM DIFFERENCE
     /RENAME=PROM DIF2V4 DIF24V7
     /PRINT=TRANSFORM SIGNIF(UNIV MULTIV EIGEN)
          HOMOGENEITY(BARTLETT BOXM)
     /DISCRIM=RAW STAN
     /DESIGN=KONTROL.
MANOVA RCPG2A RCPG4A RCPG7A BY KONTROL(1,4)
     /TRANSFORM=ORTHONORM DIFFERENCE
     /RENAME=PROM DIF2V4 DIF24V7
     /PRINT=TRANSFORM SIGNIF(UNIV MULTIV EIGEN)
          HOMOGENEITY(BARTLETT BOXM)
     /DISCRIM=RAW STAN
     /DESIGN=KONTROL.
MANOVA RIRGG2A RIRGG4A RIRGG7A BY KONTROL(1,4)
     /TRANSFORM=ORTHONORM DIFFERENCE
     /RENAME=PROM DIF2V4 DIF24V7
     /PRINT=TRANSFORM SIGNIF(UNIV MULTIV EIGEN)
          HOMOGENEITY(BARTLETT BOXM)
     /DISCRIM=RAW STAN
     /DESIGN=KONTROL.
MANOVA RIRICP2A RIRICP4A RIRICP7A BY KONTROL(1,4)
     /TRANSFORM=ORTHONORM DIFFERENCE
     /RENAME=PROM DIF2V4 DIF24V7
     /PRINT=TRANSFORM SIGNIF(UNIV MULTIV EIGEN)
          HOMOGENEITY(BARTLETT BOXM)
     /DISCRIM=RAW STAN
     /DESIGN=KONTROL.
MANOVA RIRIRG2A RIRIRG4A RIRIRG7A BY KONTROL(1,4)
     /TRANSFORM=ORTHONORM DIFFERENCE
     /RENAME=PROM DIF2V4 DIF24V7
     /PRINT=TRANSFORM SIGNIF(UNIV MULTIV EIGEN)
          HOMOGENEITY(BARTLETT BOXM)
     /DISCRIM=RAW STAN
     /DESIGN=KONTROL.
MANOVA RCPIRG2A RCPIRG4A RCPIRG7A BY KONTROL(1,4)
     /TRANSFORM=ORTHONORM DIFFERENCE
     /RENAME=PROM DIF2V4 DIF24V7
     /PRINT=TRANSFORM SIGNIF(UNIV MULTIV EIGEN)
          HOMOGENEITY(BARTLETT BOXM)
     /DISCRIM=RAW STAN
     /DESIGN=KONTROL.
SET LISTING='XPD2R015.RS4'.
MANOVA RIRIG2D RIRIG4D RIRIG7D BY KONTROL(1,4)
     /TRANSFORM=ORTHONORM DIFFERENCE
     /RENAME=PROM DIF2V4 DIF24V7
     /PRINT=TRANSFORM SIGNIF(UNIV MULTIV EIGEN)
          HOMOGENEITY(BARTLETT BOXM)
     /DISCRIM=RAW STAN
     /DESIGN=KONTROL.
MANOVA RCPG2D RCPG4D RCPG7D BY KONTROL(1,4)
     /TRANSFORM=ORTHONORM DIFFERENCE
     /RENAME=PROM DIF2V4 DIF24V7
     /PRINT=TRANSFORM SIGNIF(UNIV MULTIV EIGEN)
          HOMOGENEITY(BARTLETT BOXM)
     /DISCRIM=RAW STAN
     /DESIGN=KONTROL.
MANOVA RIRGG2D RIRGG4D RIRGG7D BY KONTROL(1,4)
     /TRANSFORM=ORTHONORM DIFFERENCE
     /RENAME=PROM DIF2V4 DIF24V7
     /PRINT=TRANSFORM SIGNIF(UNIV MULTIV EIGEN)
          HOMOGENEITY(BARTLETT BOXM)
     /DISCRIM=RAW STAN
     /DESIGN=KONTROL.
MANOVA RIRICP2D RIRICP4D RIRICP7D BY KONTROL(1,4)
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     /TRANSFORM=ORTHONORM DIFFERENCE
     /RENAME=PROM DIF2V4 DIF24V7
     /PRINT=TRANSFORM SIGNIF(UNIV MULTIV EIGEN)
          HOMOGENEITY(BARTLETT BOXM)
     /DISCRIM=RAW STAN
     /DESIGN=KONTROL.
MANOVA RIRIRG2D RIRIRG4D RIRIRG7D BY KONTROL(1,4)
     /TRANSFORM=ORTHONORM DIFFERENCE
     /RENAME=PROM DIF2V4 DIF24V7
     /PRINT=TRANSFORM SIGNIF(UNIV MULTIV EIGEN)
          HOMOGENEITY(BARTLETT BOXM)
     /DISCRIM=RAW STAN
     /DESIGN=KONTROL.
MANOVA RCPIRG2D RCPIRG4D RCPIRG7D BY KONTROL(1,4)
     /TRANSFORM=ORTHONORM DIFFERENCE
     /RENAME=PROM DIF2V4 DIF24V7
     /PRINT=TRANSFORM SIGNIF(UNIV MULTIV EIGEN)
          HOMOGENEITY(BARTLETT BOXM)
     /DISCRIM=RAW STAN
     /DESIGN=KONTROL.
SET LISTING=OFF.

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* Programa XPD2R016.CNT para análisis de la evolución temporal de la función
     pancreática en el recién nacido normal durante la primera semana de vida.
SET WIDTH=80 LISTING=OFF PRINTER=OFF.
TITLE 'Evolución de la función pancreática en la 1ª sem.'.
SUBTITLE 'Estudio limitado a los R.N. normales'.
SET LISTING='XPD2R016.RS1'.
PROCESS IF (RNTIPO EQ 1).
NPAR TESTS FRIEDMAN=RIRIG2A RIRIG4A RIRIG7A
    /FRIEDMAN=RCPG2A RCPG4A RCPG7A
    /FRIEDMAN=RIRGG2A RIRGG4A RIRGG7A
    /FRIEDMAN=RIRICP2A RIRICP4A RIRICP7A
    /FRIEDMAN=RIRIRG2A RIRIRG4A RIRIRG7A
    /FRIEDMAN=RCPIRG2A RCPIRG4A RCPIRG7A
    /FRIEDMAN=RIRIG2D RIRIG4D RIRIG7D
    /FRIEDMAN=RCPG2D RCPG4D RCPG7D
    /FRIEDMAN=RIRGG2D RIRGG4D RIRGG7D
    /FRIEDMAN=RIRICP2D RIRICP4D RIRICP7D
    /FRIEDMAN=RIRIRG2D RIRIRG4D RIRIRG7D
    /FRIEDMAN=RCPIRG2D RCPIRG4D RCPIRG7D
    /STA=1.
SUBTITLE 'Estudio limitado a los HMD tipo A de White'.
SET LISTING='XPD2R016.RS2'.
PROCESS IF (RNTIPO EQ 2).
NPAR TESTS FRIEDMAN=RIRIG2A RIRIG4A RIRIG7A
    /FRIEDMAN=RCPG2A RCPG4A RCPG7A
    /FRIEDMAN=RIRGG2A RIRGG4A RIRGG7A
    /FRIEDMAN=RIRICP2A RIRICP4A RIRICP7A
    /FRIEDMAN=RIRIRG2A RIRIRG4A RIRIRG7A
    /FRIEDMAN=RCPIRG2A RCPIRG4A RCPIRG7A
    /FRIEDMAN=RIRIG2D RIRIG4D RIRIG7D
    /FRIEDMAN=RCPG2D RCPG4D RCPG7D
    /FRIEDMAN=RIRGG2D RIRGG4D RIRGG7D
    /FRIEDMAN=RIRICP2D RIRICP4D RIRICP7D
    /FRIEDMAN=RIRIRG2D RIRIRG4D RIRIRG7D
    /FRIEDMAN=RCPIRG2D RCPIRG4D RCPIRG7D
    /STA=1.
SUBTITLE 'Estudio limitado a los HMD tipos B,C y D de White'.
SET LISTING='XPD2R016.RS3'.
PROCESS IF (RNTIPO EQ 3).
NPAR TESTS FRIEDMAN=RIRIG2A RIRIG4A RIRIG7A
    /FRIEDMAN=RCPG2A RCPG4A RCPG7A
    /FRIEDMAN=RIRGG2A RIRGG4A RIRGG7A
    /FRIEDMAN=RIRICP2A RIRICP4A RIRICP7A
    /FRIEDMAN=RIRIRG2A RIRIRG4A RIRIRG7A
    /FRIEDMAN=RCPIRG2A RCPIRG4A RCPIRG7A
    /FRIEDMAN=RIRIG2D RIRIG4D RIRIG7D
    /FRIEDMAN=RCPG2D RCPG4D RCPG7D
    /FRIEDMAN=RIRGG2D RIRGG4D RIRGG7D
    /FRIEDMAN=RIRICP2D RIRICP4D RIRICP7D
    /FRIEDMAN=RIRIRG2D RIRIRG4D RIRIRG7D
    /FRIEDMAN=RCPIRG2D RCPIRG4D RCPIRG7D
    /STA=1.
SUBTITLE 'Estudio limitado a los R.N. macrosomas'.
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SET LISTING='XPD2R016.RS4'.
PROCESS IF (RNTIPO EQ 4).
NPAR TESTS FRIEDMAN=RIRIG2A RIRIG4A RIRIG7A
    /FRIEDMAN=RCPG2A RCPG4A RCPG7A
    /FRIEDMAN=RIRGG2A RIRGG4A RIRGG7A
    /FRIEDMAN=RIRICP2A RIRICP4A RIRICP7A
    /FRIEDMAN=RIRIRG2A RIRIRG4A RIRIRG7A
    /FRIEDMAN=RCPIRG2A RCPIRG4A RCPIRG7A
    /FRIEDMAN=RIRIG2D RIRIG4D RIRIG7D
    /FRIEDMAN=RCPG2D RCPG4D RCPG7D
    /FRIEDMAN=RIRGG2D RIRGG4D RIRGG7D
    /FRIEDMAN=RIRICP2D RIRICP4D RIRICP7D
    /FRIEDMAN=RIRIRG2D RIRIRG4D RIRIRG7D
    /FRIEDMAN=RCPIRG2D RCPIRG4D RCPIRG7D
    /STA=1.
SUBTITLE 'Estudio limitado a los HMD con buen control'.
SET LISTING='XPD2R016.RS5'.
PROCESS IF (KONTROL EQ 2).
NPAR TESTS FRIEDMAN=RIRIG2A RIRIG4A RIRIG7A
    /FRIEDMAN=RCPG2A RCPG4A RCPG7A
    /FRIEDMAN=RIRGG2A RIRGG4A RIRGG7A
    /FRIEDMAN=RIRICP2A RIRICP4A RIRICP7A
    /FRIEDMAN=RIRIRG2A RIRIRG4A RIRIRG7A
    /FRIEDMAN=RCPIRG2A RCPIRG4A RCPIRG7A
    /FRIEDMAN=RIRIG2D RIRIG4D RIRIG7D
    /FRIEDMAN=RCPG2D RCPG4D RCPG7D
    /FRIEDMAN=RIRGG2D RIRGG4D RIRGG7D
    /FRIEDMAN=RIRICP2D RIRICP4D RIRICP7D
    /FRIEDMAN=RIRIRG2D RIRIRG4D RIRIRG7D
    /FRIEDMAN=RCPIRG2D RCPIRG4D RCPIRG7D
    /STA=1.
SUBTITLE 'Estudio limitado a los HMD con mal control'.
SET LISTING='XPD2R016.RS6'.
PROCESS IF (KONTROL EQ 3).
NPAR TESTS FRIEDMAN=RIRIG2A RIRIG4A RIRIG7A
    /FRIEDMAN=RCPG2A RCPG4A RCPG7A
    /FRIEDMAN=RIRGG2A RIRGG4A RIRGG7A
    /FRIEDMAN=RIRICP2A RIRICP4A RIRICP7A
    /FRIEDMAN=RIRIRG2A RIRIRG4A RIRIRG7A
    /FRIEDMAN=RCPIRG2A RCPIRG4A RCPIRG7A
    /FRIEDMAN=RIRIG2D RIRIG4D RIRIG7D
    /FRIEDMAN=RCPG2D RCPG4D RCPG7D
    /FRIEDMAN=RIRGG2D RIRGG4D RIRGG7D
    /FRIEDMAN=RIRICP2D RIRICP4D RIRICP7D
    /FRIEDMAN=RIRIRG2D RIRIRG4D RIRIRG7D
    /FRIEDMAN=RCPIRG2D RCPIRG4D RCPIRG7D
    /STA=1.
SET LISTING=OFF.

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* Programa XPD2R017.CNT para análisis de la evolución temporal de la función
     pancreática en el recién nacido normal durante la primera semana de vida.
SET WIDTH=80 LISTING=OFF PRINTER=OFF.
TITLE 'Evolución de la función pancreática en la 1ª sem.'.
SUBTITLE 'Estudio limitado a los HMD tipos B,C y D de White'.
SET LISTING='XPD2R017.RS1'.
PROCESS IF (RNTIPO EQ 3).
NPAR TESTS FRIEDMAN=GL2A GL4A GL7A
    /FRIEDMAN=IRI2A IRI4A IRI7A
    /FRIEDMAN=CP2A CP4A CP7A
    /FRIEDMAN=IRG2A IRG4A IRG7A
    /FRIEDMAN=RIRIG2A RIRIG4A RIRIG7A
    /FRIEDMAN=RCPG2A RCPG4A RCPG7A
    /FRIEDMAN=RIRGG2A RIRGG4A RIRGG7A
    /FRIEDMAN=RIRICP2A RIRICP4A RIRICP7A
    /FRIEDMAN=RIRIRG2A RIRIRG4A RIRIRG7A
    /FRIEDMAN=RCPIRG2A RCPIRG4A RCPIRG7A
    /FRIEDMAN=GL2D GL4D GL7D
    /FRIEDMAN=GLMAX2 GLMAX4 GLMAX7
    /FRIEDMAN=IRI2D IRI4D IRI7D
    /FRIEDMAN=CP2D CP4D CP7D
    /FRIEDMAN=IRG2D IRG4D IRG7D
    /FRIEDMAN=RIRIG2D RIRIG4D RIRIG7D
    /FRIEDMAN=RCPG2D RCPG4D RCPG7D
    /FRIEDMAN=RIRGG2D RIRGG4D RIRGG7D
    /FRIEDMAN=RIRICP2D RIRICP4D RIRICP7D
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    /FRIEDMAN=RIRIRG2D RIRIRG4D RIRIRG7D
    /FRIEDMAN=RCPIRG2D RCPIRG4D RCPIRG7D
    /FRIEDMAN=ESTGL2 ESTGL4 ESTGL7.
SUBTITLE 'Estudio limitado a los R.N. macrosomas'.
SET LISTING='XPD2R017.RS2'.
PROCESS IF (RNTIPO EQ 4).
NPAR TESTS FRIEDMAN=GL2A GL4A GL7A
    /FRIEDMAN=IRI2A IRI4A IRI7A
    /FRIEDMAN=CP2A CP4A CP7A
    /FRIEDMAN=IRG2A IRG4A IRG7A
    /FRIEDMAN=RIRIG2A RIRIG4A RIRIG7A
    /FRIEDMAN=RCPG2A RCPG4A RCPG7A
    /FRIEDMAN=RIRGG2A RIRGG4A RIRGG7A
    /FRIEDMAN=RIRICP2A RIRICP4A RIRICP7A
    /FRIEDMAN=RIRIRG2A RIRIRG4A RIRIRG7A
    /FRIEDMAN=RCPIRG2A RCPIRG4A RCPIRG7A
    /FRIEDMAN=GL2D GL4D GL7D
    /FRIEDMAN=GLMAX2 GLMAX4 GLMAX7
    /FRIEDMAN=IRI2D IRI4D IRI7D
    /FRIEDMAN=CP2D CP4D CP7D
    /FRIEDMAN=IRG2D IRG4D IRG7D
    /FRIEDMAN=RIRIG2D RIRIG4D RIRIG7D
    /FRIEDMAN=RCPG2D RCPG4D RCPG7D
    /FRIEDMAN=RIRGG2D RIRGG4D RIRGG7D
    /FRIEDMAN=RIRICP2D RIRICP4D RIRICP7D
    /FRIEDMAN=RIRIRG2D RIRIRG4D RIRIRG7D
    /FRIEDMAN=RCPIRG2D RCPIRG4D RCPIRG7D
    /FRIEDMAN=ESTGL2 ESTGL4 ESTGL7.
SUBTITLE 'Estudio limitado a los HMD con buen control'.
SET LISTING='XPD2R017.RS3'.
PROCESS IF (KONTROL EQ 2).
NPAR TESTS FRIEDMAN=GL2A GL4A GL7A
    /FRIEDMAN=IRI2A IRI4A IRI7A
    /FRIEDMAN=CP2A CP4A CP7A
    /FRIEDMAN=IRG2A IRG4A IRG7A
    /FRIEDMAN=RIRIG2A RIRIG4A RIRIG7A
    /FRIEDMAN=RCPG2A RCPG4A RCPG7A
    /FRIEDMAN=RIRGG2A RIRGG4A RIRGG7A
    /FRIEDMAN=RIRICP2A RIRICP4A RIRICP7A
    /FRIEDMAN=RIRIRG2A RIRIRG4A RIRIRG7A
    /FRIEDMAN=RCPIRG2A RCPIRG4A RCPIRG7A
    /FRIEDMAN=GL2D GL4D GL7D
    /FRIEDMAN=GLMAX2 GLMAX4 GLMAX7
    /FRIEDMAN=IRI2D IRI4D IRI7D
    /FRIEDMAN=CP2D CP4D CP7D
    /FRIEDMAN=IRG2D IRG4D IRG7D
    /FRIEDMAN=RIRIG2D RIRIG4D RIRIG7D
    /FRIEDMAN=RCPG2D RCPG4D RCPG7D
    /FRIEDMAN=RIRGG2D RIRGG4D RIRGG7D
    /FRIEDMAN=RIRICP2D RIRICP4D RIRICP7D
    /FRIEDMAN=RIRIRG2D RIRIRG4D RIRIRG7D
    /FRIEDMAN=RCPIRG2D RCPIRG4D RCPIRG7D
    /FRIEDMAN=ESTGL2 ESTGL4 ESTGL7.
SET LISTING=OFF.

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* Programa XPD2R018.CNT para análisis por MANOVA de los resultados hormonales
    correspondientes a la primera semana de vida.
TITLE 'Estudio de la primera semana de vida'.
SUBTITLE 'Todos los recién nacidos'.
SET WIDTH=132 LISTING='XPD2R018.RS1'.
COMPUTE C1=EGRN.
COMPUTE C2=EGRN.
COMPUTE C3=EGRN.
MANOVA GL2A GL4A GL7A BY RNTIPO(1,4) WITH C1 C2 C3
    /WSFACTORS=DIA(3)
    /CONTRAST(DIA)=DIFFERENCE
    /RENAME=PROM DIF24 DIF24V7 EGRN1 EGRN2 EGRN3
    /CONTRAST(RNTIPO)=SIMPLE(1)
    /WSDESIGN=DIA
    /PRINT=  TRANSFORM SIGNIF(UNIV MULTIV AVERF SINGLEDEF)
        HOMOGENEITY(BARTLETT BOXM) PARAM(ESTIM)
    /DESIGN=RNTIPO.
MANOVA IRI2A IRI4A IRI7A BY RNTIPO(1,4) WITH C1 C2 C3
    /WSFACTORS=DIA(3)
    /CONTRAST(DIA)=DIFFERENCE
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     /RENAME=PROM DIF24 DIF24V7 EGRN1 EGRN2 EGRN3
     /WSDESIGN=DIA
     /CONTRAST(RNTIPO)=SIMPLE(1)
     /PRINT=  TRANSFORM SIGNIF(UNIV MULTIV AVERF SINGLEDEF)
          HOMOGENEITY(BARTLETT BOXM) PARAM(ESTIM)
     /DESIGN=RNTIPO.
MANOVA CP2A CP4A CP7A BY RNTIPO(1,4) WITH C1 C2 C3
     /WSFACTORS=DIA(3)
     /CONTRAST(DIA)=DIFFERENCE
     /RENAME=PROM DIF24 DIF24V7 EGRN1 EGRN2 EGRN3
     /CONTRAST(RNTIPO)=SIMPLE(1)
     /WSDESIGN=DIA
     /PRINT=  TRANSFORM SIGNIF(UNIV MULTIV AVERF SINGLEDEF)
          HOMOGENEITY(BARTLETT BOXM) PARAM(ESTIM)
     /DESIGN=RNTIPO.
MANOVA IRG2A IRG4A IRG7A BY RNTIPO(1,4) WITH C1 C2 C3
     /WSFACTORS=DIA(3)
     /CONTRAST(DIA)=DIFFERENCE
     /RENAME=PROM DIF24 DIF24V7 EGRN1 EGRN2 EGRN3
     /CONTRAST(RNTIPO)=SIMPLE(1)
     /WSDESIGN=DIA
     /PRINT=  TRANSFORM SIGNIF(UNIV MULTIV AVERF SINGLEDEF)
          HOMOGENEITY(BARTLETT BOXM) PARAM(ESTIM)
     /DESIGN=RNTIPO.
SET LISTING='XPD2R018.RS2'.
MANOVA GL2D GL4D GL7D BY RNTIPO(1,4) WITH C1 C2 C3
     /WSFACTORS=DIA(3)
     /CONTRAST(DIA)=DIFFERENCE
     /RENAME=PROM DIF24 DIF24V7 EGRN1 EGRN2 EGRN3
     /CONTRAST(RNTIPO)=SIMPLE(1)
     /WSDESIGN=DIA
     /PRINT=  TRANSFORM SIGNIF(UNIV MULTIV AVERF SINGLEDEF)
          HOMOGENEITY(BARTLETT BOXM) PARAM(ESTIM)
     /DESIGN=RNTIPO.
MANOVA GLMAX2 GLMAX4 GLMAX7 BY RNTIPO(1,4) WITH C1 C2 C3
     /WSFACTORS=DIA(3)
     /CONTRAST(DIA)=DIFFERENCE
     /RENAME=PROM DIF24 DIF24V7 EGRN1 EGRN2 EGRN3
     /CONTRAST(RNTIPO)=SIMPLE(1)
     /WSDESIGN=DIA
     /PRINT=  TRANSFORM SIGNIF(UNIV MULTIV AVERF SINGLEDEF)
          HOMOGENEITY(BARTLETT BOXM) PARAM(ESTIM)
     /DESIGN=RNTIPO.
MANOVA IRI2D IRI4D IRI7D BY RNTIPO(1,4) WITH C1 C2 C3
     /WSFACTORS=DIA(3)
     /CONTRAST(DIA)=DIFFERENCE
     /RENAME=PROM DIF24 DIF24V7 EGRN1 EGRN2 EGRN3
     /CONTRAST(RNTIPO)=SIMPLE(1)
     /WSDESIGN=DIA
     /PRINT=  TRANSFORM SIGNIF(UNIV MULTIV AVERF SINGLEDEF)
          HOMOGENEITY(BARTLETT BOXM) PARAM(ESTIM)
     /DESIGN=RNTIPO.
MANOVA CP2D CP4D CP7D BY RNTIPO(1,4) WITH C1 C2 C3
     /WSFACTORS=DIA(3)
     /CONTRAST(DIA)=DIFFERENCE
     /RENAME=PROM DIF24 DIF24V7 EGRN1 EGRN2 EGRN3
     /CONTRAST(RNTIPO)=SIMPLE(1)
     /WSDESIGN=DIA
     /PRINT=  TRANSFORM SIGNIF(UNIV MULTIV AVERF SINGLEDEF)
          HOMOGENEITY(BARTLETT BOXM) PARAM(ESTIM)
     /DESIGN=RNTIPO.
MANOVA IRG2D IRG4D IRG7D BY RNTIPO(1,4) WITH C1 C2 C3
     /WSFACTORS=DIA(3)
     /CONTRAST(DIA)=DIFFERENCE
     /RENAME=PROM DIF24 DIF24V7 EGRN1 EGRN2 EGRN3
     /CONTRAST(RNTIPO)=SIMPLE(1)
     /WSDESIGN=DIA
     /PRINT=  TRANSFORM SIGNIF(UNIV MULTIV AVERF SINGLEDEF)
          HOMOGENEITY(BARTLETT BOXM) PARAM(ESTIM)
     /DESIGN=RNTIPO.
MANOVA ESTGL2 ESTGL4 ESTGL7 BY RNTIPO(1,4) WITH C1 C2 C3
     /WSFACTORS=DIA(3)
     /CONTRAST(DIA)=DIFFERENCE
     /RENAME=PROM DIF24 DIF24V7 EGRN1 EGRN2 EGRN3
     /CONTRAST(RNTIPO)=SIMPLE(1)
     /WSDESIGN=DIA
     /PRINT=  TRANSFORM SIGNIF(UNIV MULTIV AVERF SINGLEDEF)
```

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          HOMOGENEITY(BARTLETT BOXM) PARAM(ESTIM)
     /DESIGN=RNTIPO.
SET LISTING='XPD2R018.RS3'.
MANOVA RIRIG2A RIRIG4A RIRIG7A BY RNTIPO(1,4) WITH C1 C2 C3
     /WSFACTORS=DIA(3)
     /CONTRAST(DIA)=DIFFERENCE
     /RENAME=PROM DIF24 DIF24V7 EGRN1 EGRN2 EGRN3
     /CONTRAST(RNTIPO)=SIMPLE(1)
     /WSDESIGN=DIA
     /PRINT=  TRANSFORM SIGNIF(UNIV MULTIV AVERF SINGLEDEF)
          HOMOGENEITY(BARTLETT BOXM) PARAM(ESTIM)
     /DESIGN=RNTIPO.
MANOVA RCPG2A RCPG4A RCPG7A BY RNTIPO(1,4) WITH C1 C2 C3
     /WSFACTORS=DIA(3)
     /CONTRAST(DIA)=DIFFERENCE
     /RENAME=PROM DIF24 DIF24V7 EGRN1 EGRN2 EGRN3
     /CONTRAST(RNTIPO)=SIMPLE(1)
     /WSDESIGN=DIA
     /PRINT=  TRANSFORM SIGNIF(UNIV MULTIV AVERF SINGLEDEF)
          HOMOGENEITY(BARTLETT BOXM) PARAM(ESTIM)
     /DESIGN=RNTIPO.
MANOVA RIRGG2A RIRGG4A RIRGG7A BY RNTIPO(1,4) WITH C1 C2 C3
     /WSFACTORS=DIA(3)
     /CONTRAST(DIA)=DIFFERENCE
     /RENAME=PROM DIF24 DIF24V7 EGRN1 EGRN2 EGRN3
     /CONTRAST(RNTIPO)=SIMPLE(1)
     /WSDESIGN=DIA
     /PRINT=  TRANSFORM SIGNIF(UNIV MULTIV AVERF SINGLEDEF)
          HOMOGENEITY(BARTLETT BOXM) PARAM(ESTIM)
     /DESIGN=RNTIPO.
MANOVA RIRICP2A RIRICP4A RIRICP7A BY RNTIPO(1,4) WITH C1 C2 C3
     /WSFACTORS=DIA(3)
     /CONTRAST(DIA)=DIFFERENCE
     /RENAME=PROM DIF24 DIF24V7 EGRN1 EGRN2 EGRN3
     /CONTRAST(RNTIPO)=SIMPLE(1)
     /WSDESIGN=DIA
     /PRINT=  TRANSFORM SIGNIF(UNIV MULTIV AVERF SINGLEDEF)
          HOMOGENEITY(BARTLETT BOXM) PARAM(ESTIM)
     /DESIGN=RNTIPO.
MANOVA RIRIRG2A RIRIRG4A RIRIRG7A BY RNTIPO(1,4) WITH C1 C2 C3
     /WSFACTORS=DIA(3)
     /CONTRAST(DIA)=DIFFERENCE
     /RENAME=PROM DIF24 DIF24V7 EGRN1 EGRN2 EGRN3
     /CONTRAST(RNTIPO)=SIMPLE(1)
     /WSDESIGN=DIA
     /PRINT=  TRANSFORM SIGNIF(UNIV MULTIV AVERF SINGLEDEF)
          HOMOGENEITY(BARTLETT BOXM) PARAM(ESTIM)
     /DESIGN=RNTIPO.
MANOVA RCPIRG2A RCPIRG4A RCPIRG7A BY RNTIPO(1,4) WITH C1 C2 C3
     /WSFACTORS=DIA(3)
     /CONTRAST(DIA)=DIFFERENCE
     /RENAME=PROM DIF24 DIF24V7 EGRN1 EGRN2 EGRN3
     /CONTRAST(RNTIPO)=SIMPLE(1)
     /WSDESIGN=DIA
     /PRINT=  TRANSFORM SIGNIF(UNIV MULTIV AVERF SINGLEDEF)
          HOMOGENEITY(BARTLETT BOXM) PARAM(ESTIM)
     /DESIGN=RNTIPO.
SET LISTING='XPD2R018.RS4'.
MANOVA RIRIG2D RIRIG4D RIRIG7D BY RNTIPO(1,4) WITH C1 C2 C3
     /WSFACTORS=DIA(3)
     /CONTRAST(DIA)=DIFFERENCE
     /RENAME=PROM DIF24 DIF24V7 EGRN1 EGRN2 EGRN3
     /CONTRAST(RNTIPO)=SIMPLE(1)
     /WSDESIGN=DIA
     /PRINT=  TRANSFORM SIGNIF(UNIV MULTIV AVERF SINGLEDEF)
          HOMOGENEITY(BARTLETT BOXM) PARAM(ESTIM)
     /DESIGN=RNTIPO.
MANOVA RCPG2D RCPG4D RCPG7D BY RNTIPO(1,4) WITH C1 C2 C3
     /WSFACTORS=DIA(3)
     /CONTRAST(DIA)=DIFFERENCE
     /RENAME=PROM DIF24 DIF24V7 EGRN1 EGRN2 EGRN3
     /CONTRAST(RNTIPO)=SIMPLE(1)
     /WSDESIGN=DIA
     /PRINT=  TRANSFORM SIGNIF(UNIV MULTIV AVERF SINGLEDEF)
          HOMOGENEITY(BARTLETT BOXM) PARAM(ESTIM)
     /DESIGN=RNTIPO.
MANOVA RIRGG2D RIRGG4D RIRGG7D BY RNTIPO(1,4) WITH C1 C2 C3
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     /WSFACTORS=DIA(3)
     /CONTRAST(DIA)=DIFFERENCE
     /RENAME=PROM DIF24 DIF24V7 EGRN1 EGRN2 EGRN3
     /CONTRAST(RNTIPO)=SIMPLE(1)
     /WSDESIGN=DIA
     /PRINT=  TRANSFORM SIGNIF(UNIV MULTIV AVERF SINGLEDEF)
          HOMOGENEITY(BARTLETT BOXM) PARAM(ESTIM)
     /DESIGN=RNTIPO.
MANOVA RIRICP2D RIRICP4D RIRICP7D BY RNTIPO(1,4) WITH C1 C2 C3
     /WSFACTORS=DIA(3)
     /CONTRAST(DIA)=DIFFERENCE
     /RENAME=PROM DIF24 DIF24V7 EGRN1 EGRN2 EGRN3
     /CONTRAST(RNTIPO)=SIMPLE(1)
     /WSDESIGN=DIA
     /PRINT=  TRANSFORM SIGNIF(UNIV MULTIV AVERF SINGLEDEF)
          HOMOGENEITY(BARTLETT BOXM) PARAM(ESTIM)
     /DESIGN=RNTIPO.
MANOVA RIRIRG2D RIRIRG4D RIRIRG7D BY RNTIPO(1,4) WITH C1 C2 C3
     /WSFACTORS=DIA(3)
     /CONTRAST(DIA)=DIFFERENCE
     /RENAME=PROM DIF24 DIF24V7 EGRN1 EGRN2 EGRN3
     /CONTRAST(RNTIPO)=SIMPLE(1)
     /WSDESIGN=DIA
     /PRINT=  TRANSFORM SIGNIF(UNIV MULTIV AVERF SINGLEDEF)
          HOMOGENEITY(BARTLETT BOXM) PARAM(ESTIM)
     /DESIGN=RNTIPO.
MANOVA RCPIRG2D RCPIRG4D RCPIRG7D BY RNTIPO(1,4) WITH C1 C2 C3
     /WSFACTORS=DIA(3)
     /CONTRAST(DIA)=DIFFERENCE
     /RENAME=PROM DIF24 DIF24V7 EGRN1 EGRN2 EGRN3
     /CONTRAST(RNTIPO)=SIMPLE(1)
     /WSDESIGN=DIA
     /PRINT=  TRANSFORM SIGNIF(UNIV MULTIV AVERF SINGLEDEF)
          HOMOGENEITY(BARTLETT BOXM) PARAM(ESTIM)
     /DESIGN=RNTIPO.
SET LISTING=OFF.

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* Programa XPD2R019.CNT para análisis por MANOVA de los resultados hormonales
     correspondientes a la primera semana de vida.
TITLE 'Estudio de la primera semana de vida'.
SUBTITLE 'Todos los recién nacidos'.
SET WIDTH=132 LISTING='XPD2R019.RS1'.
MANOVA GL2A GL4A GL7A BY KONTROL(1,4)
     /WSFACTORS=DIA(3)
     /CONTRAST(DIA)=DIFFERENCE
     /RENAME=PROM DIF24 DIF24V7
     /CONTRAST(KONTROL)=SIMPLE(1)
     /WSDESIGN=DIA
     /PRINT=CELLINFO(MEANS) TRANSFORM SIGNIF(UNIV MULTIV AVERF SINGLEDEF)
          HOMOGENEITY(BARTLETT BOXM) PARAM(ESTIM)
     /DESIGN=KONTROL.
MANOVA IRI2A IRI4A IRI7A BY KONTROL(1,4)
     /WSFACTORS=DIA(3)
     /CONTRAST(DIA)=DIFFERENCE
     /RENAME=PROM DIF24 DIF24V7
     /CONTRAST(KONTROL)=SIMPLE(1)
     /WSDESIGN=DIA
     /PRINT=CELLINFO(MEANS) TRANSFORM SIGNIF(UNIV MULTIV AVERF SINGLEDEF)
          HOMOGENEITY(BARTLETT BOXM) PARAM(ESTIM)
     /DESIGN=KONTROL.
MANOVA CP2A CP4A CP7A BY KONTROL(1,4)
     /WSFACTORS=DIA(3)
     /CONTRAST(DIA)=DIFFERENCE
     /RENAME=PROM DIF24 DIF24V7
     /CONTRAST(KONTROL)=SIMPLE(1)
     /WSDESIGN=DIA
     /PRINT=CELLINFO(MEANS) TRANSFORM SIGNIF(UNIV MULTIV AVERF SINGLEDEF)
          HOMOGENEITY(BARTLETT BOXM) PARAM(ESTIM)
     /DESIGN=KONTROL.
MANOVA IRG2A IRG4A IRG7A BY KONTROL(1,4)
     /WSFACTORS=DIA(3)
     /CONTRAST(DIA)=DIFFERENCE
     /RENAME=PROM DIF24 DIF24V7
     /CONTRAST(KONTROL)=SIMPLE(1)
     /WSDESIGN=DIA
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     /PRINT=CELLINFO(MEANS) TRANSFORM SIGNIF(UNIV MULTIV AVERF SINGLEDEF)
          HOMOGENEITY(BARTLETT BOXM) PARAM(ESTIM)
     /DESIGN=KONTROL.
SET LISTING='XPD2R019.RS2'.
MANOVA GL2D GL4D GL7D BY KONTROL(1,4)
     /WSFACTORS=DIA(3)
     /CONTRAST(DIA)=DIFFERENCE
     /RENAME=PROM DIF24 DIF24V7
     /CONTRAST(KONTROL)=SIMPLE(1)
     /WSDESIGN=DIA
     /PRINT=CELLINFO(MEANS) TRANSFORM SIGNIF(UNIV MULTIV AVERF SINGLEDEF)
          HOMOGENEITY(BARTLETT BOXM) PARAM(ESTIM)
     /DESIGN=KONTROL.
MANOVA GLMAX2 GLMAX4 GLMAX7 BY KONTROL(1,4)
     /WSFACTORS=DIA(3)
     /CONTRAST(DIA)=DIFFERENCE
     /RENAME=PROM DIF24 DIF24V7
     /CONTRAST(KONTROL)=SIMPLE(1)
     /WSDESIGN=DIA
     /PRINT=CELLINFO(MEANS) TRANSFORM SIGNIF(UNIV MULTIV AVERF SINGLEDEF)
          HOMOGENEITY(BARTLETT BOXM) PARAM(ESTIM)
     /DESIGN=KONTROL.
MANOVA IRI2D IRI4D IRI7D BY KONTROL(1,4)
     /WSFACTORS=DIA(3)
     /CONTRAST(DIA)=DIFFERENCE
     /RENAME=PROM DIF24 DIF24V7
     /CONTRAST(KONTROL)=SIMPLE(1)
     /WSDESIGN=DIA
     /PRINT=CELLINFO(MEANS) TRANSFORM SIGNIF(UNIV MULTIV AVERF SINGLEDEF)
          HOMOGENEITY(BARTLETT BOXM) PARAM(ESTIM)
     /DESIGN=KONTROL.
MANOVA CP2D CP4D CP7D BY KONTROL(1,4)
     /WSFACTORS=DIA(3)
     /CONTRAST(DIA)=DIFFERENCE
     /RENAME=PROM DIF24 DIF24V7
     /CONTRAST(KONTROL)=SIMPLE(1)
     /WSDESIGN=DIA
     /PRINT=CELLINFO(MEANS) TRANSFORM SIGNIF(UNIV MULTIV AVERF SINGLEDEF)
          HOMOGENEITY(BARTLETT BOXM) PARAM(ESTIM)
     /DESIGN=KONTROL.
MANOVA IRG2D IRG4D IRG7D BY KONTROL(1,4)
     /WSFACTORS=DIA(3)
     /CONTRAST(DIA)=DIFFERENCE
     /RENAME=PROM DIF24 DIF24V7
     /CONTRAST(KONTROL)=SIMPLE(1)
     /WSDESIGN=DIA
     /PRINT=CELLINFO(MEANS) TRANSFORM SIGNIF(UNIV MULTIV AVERF SINGLEDEF)
          HOMOGENEITY(BARTLETT BOXM) PARAM(ESTIM)
     /DESIGN=KONTROL.
MANOVA ESTGL2 ESTGL4 ESTGL7 BY KONTROL(1,4)
     /WSFACTORS=DIA(3)
     /CONTRAST(DIA)=DIFFERENCE
     /RENAME=PROM DIF24 DIF24V7
     /CONTRAST(KONTROL)=SIMPLE(1)
     /WSDESIGN=DIA
     /PRINT=CELLINFO(MEANS) TRANSFORM SIGNIF(UNIV MULTIV AVERF SINGLEDEF)
          HOMOGENEITY(BARTLETT BOXM) PARAM(ESTIM)
     /DESIGN=KONTROL.
SET LISTING='XPD2R019.RS3'.
MANOVA RIRIG2A RIRIG4A RIRIG7A BY KONTROL(1,4)
     /WSFACTORS=DIA(3)
     /CONTRAST(DIA)=DIFFERENCE
     /RENAME=PROM DIF24 DIF24V7
     /CONTRAST(KONTROL)=SIMPLE(1)
     /WSDESIGN=DIA
     /PRINT=CELLINFO(MEANS) TRANSFORM SIGNIF(UNIV MULTIV AVERF SINGLEDEF)
          HOMOGENEITY(BARTLETT BOXM) PARAM(ESTIM)
     /DESIGN=KONTROL.
MANOVA RCPG2A RCPG4A RCPG7A BY KONTROL(1,4)
     /WSFACTORS=DIA(3)
     /CONTRAST(DIA)=DIFFERENCE
     /RENAME=PROM DIF24 DIF24V7
     /CONTRAST(KONTROL)=SIMPLE(1)
     /WSDESIGN=DIA
     /PRINT=CELLINFO(MEANS) TRANSFORM SIGNIF(UNIV MULTIV AVERF SINGLEDEF)
          HOMOGENEITY(BARTLETT BOXM) PARAM(ESTIM)
     /DESIGN=KONTROL.
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MANOVA RIRGG2A RIRGG4A RIRGG7A BY KONTROL(1,4)
     /WSFACTORS=DIA(3)
     /CONTRAST(DIA)=DIFFERENCE
     /RENAME=PROM DIF24 DIF24V7
     /CONTRAST(KONTROL)=SIMPLE(1)
     /WSDESIGN=DIA
     /PRINT=CELLINFO(MEANS) TRANSFORM SIGNIF(UNIV MULTIV AVERF SINGLEDEF)
          HOMOGENEITY(BARTLETT BOXM) PARAM(ESTIM)
     /DESIGN=KONTROL.
MANOVA RIRICP2A RIRICP4A RIRICP7A BY KONTROL(1,4)
     /WSFACTORS=DIA(3)
     /CONTRAST(DIA)=DIFFERENCE
     /RENAME=PROM DIF24 DIF24V7
     /CONTRAST(KONTROL)=SIMPLE(1)
     /WSDESIGN=DIA
     /PRINT=CELLINFO(MEANS) TRANSFORM SIGNIF(UNIV MULTIV AVERF SINGLEDEF)
          HOMOGENEITY(BARTLETT BOXM) PARAM(ESTIM)
     /DESIGN=KONTROL.
MANOVA RIRIRG2A RIRIRG4A RIRIRG7A BY KONTROL(1,4)
     /WSFACTORS=DIA(3)
     /CONTRAST(DIA)=DIFFERENCE
     /RENAME=PROM DIF24 DIF24V7
     /CONTRAST(KONTROL)=SIMPLE(1)
     /WSDESIGN=DIA
     /PRINT=CELLINFO(MEANS) TRANSFORM SIGNIF(UNIV MULTIV AVERF SINGLEDEF)
          HOMOGENEITY(BARTLETT BOXM) PARAM(ESTIM)
     /DESIGN=KONTROL.
MANOVA RCPIRG2A RCPIRG4A RCPIRG7A BY KONTROL(1,4)
     /WSFACTORS=DIA(3)
     /CONTRAST(DIA)=DIFFERENCE
     /RENAME=PROM DIF24 DIF24V7
     /CONTRAST(KONTROL)=SIMPLE(1)
     /WSDESIGN=DIA
     /PRINT=CELLINFO(MEANS) TRANSFORM SIGNIF(UNIV MULTIV AVERF SINGLEDEF)
          HOMOGENEITY(BARTLETT BOXM) PARAM(ESTIM)
     /DESIGN=KONTROL.
SET LISTING='XPD2R019.RS4'.
MANOVA RIRIG2D RIRIG4D RIRIG7D BY KONTROL(1,4)
     /WSFACTORS=DIA(3)
     /CONTRAST(DIA)=DIFFERENCE
     /RENAME=PROM DIF24 DIF24V7
     /CONTRAST(KONTROL)=SIMPLE(1)
     /WSDESIGN=DIA
     /PRINT=CELLINFO(MEANS) TRANSFORM SIGNIF(UNIV MULTIV AVERF SINGLEDEF)
          HOMOGENEITY(BARTLETT BOXM) PARAM(ESTIM)
     /DESIGN=KONTROL.
MANOVA RCPG2D RCPG4D RCPG7D BY KONTROL(1,4)
     /WSFACTORS=DIA(3)
     /CONTRAST(DIA)=DIFFERENCE
     /RENAME=PROM DIF24 DIF24V7
     /CONTRAST(KONTROL)=SIMPLE(1)
     /WSDESIGN=DIA
     /PRINT=CELLINFO(MEANS) TRANSFORM SIGNIF(UNIV MULTIV AVERF SINGLEDEF)
          HOMOGENEITY(BARTLETT BOXM) PARAM(ESTIM)
     /DESIGN=KONTROL.
MANOVA RIRGG2D RIRGG4D RIRGG7D BY KONTROL(1,4)
     /WSFACTORS=DIA(3)
     /CONTRAST(DIA)=DIFFERENCE
     /RENAME=PROM DIF24 DIF24V7
     /CONTRAST(KONTROL)=SIMPLE(1)
     /WSDESIGN=DIA
     /PRINT=CELLINFO(MEANS) TRANSFORM SIGNIF(UNIV MULTIV AVERF SINGLEDEF)
          HOMOGENEITY(BARTLETT BOXM) PARAM(ESTIM)
     /DESIGN=KONTROL.
MANOVA RIRICP2D RIRICP4D RIRICP7D BY KONTROL(1,4)
     /WSFACTORS=DIA(3)
     /CONTRAST(DIA)=DIFFERENCE
     /RENAME=PROM DIF24 DIF24V7
     /CONTRAST(KONTROL)=SIMPLE(1)
     /WSDESIGN=DIA
     /PRINT=CELLINFO(MEANS) TRANSFORM SIGNIF(UNIV MULTIV AVERF SINGLEDEF)
          HOMOGENEITY(BARTLETT BOXM) PARAM(ESTIM)
     /DESIGN=KONTROL.
MANOVA RIRIRG2D RIRIRG4D RIRIRG7D BY KONTROL(1,4)
     /WSFACTORS=DIA(3)
     /CONTRAST(DIA)=DIFFERENCE
     /RENAME=PROM DIF24 DIF24V7
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     /CONTRAST(KONTROL)=SIMPLE(1)
     /WSDESIGN=DIA
     /PRINT=CELLINFO(MEANS) TRANSFORM SIGNIF(UNIV MULTIV AVERF SINGLEDEF)
          HOMOGENEITY(BARTLETT BOXM) PARAM(ESTIM)
     /DESIGN=KONTROL.
MANOVA RCPIRG2D RCPIRG4D RCPIRG7D BY KONTROL(1,4)
     /WSFACTORS=DIA(3)
     /CONTRAST(DIA)=DIFFERENCE
     /RENAME=PROM DIF24 DIF24V7
     /CONTRAST(KONTROL)=SIMPLE(1)
     /WSDESIGN=DIA
     /PRINT=CELLINFO(MEANS) TRANSFORM SIGNIF(UNIV MULTIV AVERF SINGLEDEF)
          HOMOGENEITY(BARTLETT BOXM) PARAM(ESTIM)
     /DESIGN=KONTROL.
SET LISTING=OFF.

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* Programa XPD2R020.CNT para estudio descriptivo de R.N. normales y HMD.
SET WIDTH=132 PRINTER=OFF LISTING=OFF.
TITLE 'Análisis descriptivo del 2º, 4º y 7º días de vida'.
SUBTITLE 'Estudio limitado al R.N. normal y HMD'.
SET LISTING='XPD2R020.TB1'.
TABLES/FORMATS MARGIN(15,110) LENGTH(2,64) BOX   LEADER('.') ZERO CWIDTH(20)
      /PTITLE='Análisis descriptivo de la primera semana de vida'
      /OBSERVATION=GL2A TO IRG7D
   /TABLE=(GL2A+GL4A+GL7A) BY KONTROL
     /STATISTICS=VALIDN('Nº de casos') MEAN('Media') SEMEAN('Error estándar')
      STDDEV('Desv. estándar') MEDIAN('Mediana')
   /TABLE=(IRI2A+IRI4A+IRI7A) BY KONTROL
     /STATISTICS=VALIDN('Nº de casos') MEAN('Media') SEMEAN('Error estándar')
      STDDEV('Desv. estándar') MEDIAN('Mediana')
   /TABLE=(CP2A+CP4A+CP7A) BY KONTROL
     /STATISTICS=VALIDN('Nº de casos') MEAN('Media') SEMEAN('Error estándar')
      STDDEV('Desv. estándar') MEDIAN('Mediana')
   /TABLE=(IRG2A+IRG4A+IRG7A) BY KONTROL
     /STATISTICS=VALIDN('Nº de casos') MEAN('Media') SEMEAN('Error estándar')
      STDDEV('Desv. estándar') MEDIAN('Mediana').
SET LISTING='XPD2R020.TB2'.
TABLES/FORMATS MARGIN(15,110) LENGTH(2,64) BOX   LEADER('.') ZERO CWIDTH(20)
      /PTITLE='Análisis descriptivo de la primera semana de vida'
      /OBSERVATION=GL2A TO ESTGL7
   /TABLE=(GLMAX2+GLMAX4+GLMAX7) BY KONTROL
     /STATISTICS=VALIDN('Nº de casos') MEAN('Media') SEMEAN('Error estándar')
      STDDEV('Desv. estándar') MEDIAN('Mediana')
   /TABLE=(GL2D+GL4D+GL7D) BY KONTROL
     /STATISTICS=VALIDN('Nº de casos') MEAN('Media') SEMEAN('Error estándar')
      STDDEV('Desv. estándar') MEDIAN('Mediana')
   /TABLE=(IRI2D+IRI4D+IRI7D) BY KONTROL
     /STATISTICS=VALIDN('Nº de casos') MEAN('Media') SEMEAN('Error estándar')
      STDDEV('Desv. estándar') MEDIAN('Mediana')
   /TABLE=(CP2D+CP4D+CP7D) BY KONTROL
     /STATISTICS=VALIDN('Nº de casos') MEAN('Media') SEMEAN('Error estándar')
      STDDEV('Desv. estándar') MEDIAN('Mediana')
   /TABLE=(IRG2D+IRG4D+IRG7D) BY KONTROL
     /STATISTICS=VALIDN('Nº de casos') MEAN('Media') SEMEAN('Error estándar')
      STDDEV('Desv. estándar') MEDIAN('Mediana')
   /TABLE=(ESTGL2+ESTGL4+ESTGL7) BY KONTROL
     /STATISTICS=VALIDN('Nº de casos') MEAN('Media') SEMEAN('Error estándar')
      STDDEV('Desv. estándar') MEDIAN('Mediana').
SET LISTING='XPD2R020.TB3'.
TABLES/FORMATS MARGIN(15,110) LENGTH(2,64) BOX   LEADER('.') ZERO CWIDTH(20)
      /PTITLE='Análisis descriptivo de la primera semana de vida'
      /OBSERVATION=RIRIG2A TO RCPIRG7D
   /TABLE=(RIRIG2A+RIRIG4A+RIRIG7A) BY KONTROL
     /STATISTICS=VALIDN('Nº de casos') MEAN('Media') SEMEAN('Error estándar')
      STDDEV('Desv. estándar') MEDIAN('Mediana')
   /TABLE=(RCPG2A+RCPG4A+RCPG7A) BY KONTROL
     /STATISTICS=VALIDN('Nº de casos') MEAN('Media') SEMEAN('Error estándar')
      STDDEV('Desv. estándar') MEDIAN('Mediana')
   /TABLE=(RIRGG2A+RIRGG4A+RIRGG7A) BY KONTROL
     /STATISTICS=VALIDN('Nº de casos') MEAN('Media') SEMEAN('Error estándar')
      STDDEV('Desv. estándar') MEDIAN('Mediana')
   /TABLE=(RIRICP2A+RIRICP4A+RIRICP7A) BY KONTROL
     /STATISTICS=VALIDN('Nº de casos') MEAN('Media') SEMEAN('Error estándar')
      STDDEV('Desv. estándar') MEDIAN('Mediana')
   /TABLE=(RIRIRG2A+RIRIRG4A+RIRIRG7A) BY KONTROL
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     /STATISTICS=VALIDN('Nº de casos') MEAN('Media') SEMEAN('Error estándar')
      STDDEV('Desv. estándar') MEDIAN('Mediana')
   /TABLE=(RCPIRG2A+RCPIRG4A+RCPIRG7A) BY KONTROL
     /STATISTICS=VALIDN('Nº de casos') MEAN('Media') SEMEAN('Error estándar')
      STDDEV('Desv. estándar') MEDIAN('Mediana').
SET LISTING='XPD2R020.TB4'.
TABLES/FORMATS MARGIN(15,110) LENGTH(2,64) BOX   LEADER('.') ZERO CWIDTH(20)
      /PTITLE='Análisis descriptivo de la primera semana de vida'
      /OBSERVATION=RIRIG2A TO RCPIRG7D
   /TABLE=(RIRIG2D+RIRIG4D+RIRIG7D) BY KONTROL
     /STATISTICS=VALIDN('Nº de casos') MEAN('Media') SEMEAN('Error estándar')
      STDDEV('Desv. estándar') MEDIAN('Mediana')
   /TABLE=(RCPG2D+RCPG4D+RCPG7D) BY KONTROL
     /STATISTICS=VALIDN('Nº de casos') MEAN('Media') SEMEAN('Error estándar')
      STDDEV('Desv. estándar') MEDIAN('Mediana')
   /TABLE=(RIRGG2D+RIRGG4D+RIRGG7D) BY KONTROL
     /STATISTICS=VALIDN('Nº de casos') MEAN('Media') SEMEAN('Error estándar')
      STDDEV('Desv. estándar') MEDIAN('Mediana')
   /TABLE=(RIRICP2D+RIRICP4D+RIRICP7D) BY KONTROL
     /STATISTICS=VALIDN('Nº de casos') MEAN('Media') SEMEAN('Error estándar')
      STDDEV('Desv. estándar') MEDIAN('Mediana')
   /TABLE=(RIRIRG2D+RIRIRG4D+RIRIRG7D) BY KONTROL
     /STATISTICS=VALIDN('Nº de casos') MEAN('Media') SEMEAN('Error estándar')
      STDDEV('Desv. estándar') MEDIAN('Mediana')
   /TABLE=(RCPIRG2D+RCPIRG4D+RCPIRG7D) BY KONTROL
     /STATISTICS=VALIDN('Nº de casos') MEAN('Media') SEMEAN('Error estándar')
      STDDEV('Desv. estándar') MEDIAN('Mediana').
SET LISTING=OFF.

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* Programa XPD2R021.CNT para análisis por MANOVA de los resultados hormonales
     correspondientes a la primera semana de vida.
TITLE 'Estudio de la primera semana de vida'.
SUBTITLE 'Todos los recién nacidos'.
SET PRINTER=ON WIDTH=132 LISTING='XPD2R021.RS1'.
MANOVA GL2A GL4A GL7A BY KONTROL(1,4) TIPOALIM(1,3)
     /WSFACTORS=DIA(3)
     /CONTRAST(DIA)=DIFFERENCE
     /RENAME=PROM DIF24 DIF24V7
     /CONTRAST(KONTROL)=SIMPLE(1)
     /CONTRAST(TIPOALIM)=SIMPLE(1)
     /WSDESIGN=DIA
     /PRINT=CELLINFO(MEANS) TRANSFORM SIGNIF(UNIV MULTIV AVERF SINGLEDEF)
          HOMOGENEITY(BARTLETT BOXM) PARAM(ESTIM)
     /DESIGN=KONTROL TIPOALIM KONTROL BY TIPOALIM.
MANOVA IRI2A IRI4A IRI7A BY KONTROL(1,4) TIPOALIM(1,3)
     /WSFACTORS=DIA(3)
     /CONTRAST(DIA)=DIFFERENCE
     /RENAME=PROM DIF24 DIF24V7
     /CONTRAST(KONTROL)=SIMPLE(1)
     /CONTRAST(TIPOALIM)=SIMPLE(1)
     /WSDESIGN=DIA
     /PRINT=CELLINFO(MEANS) TRANSFORM SIGNIF(UNIV MULTIV AVERF SINGLEDEF)
          HOMOGENEITY(BARTLETT BOXM) PARAM(ESTIM)
     /DESIGN=KONTROL TIPOALIM KONTROL BY TIPOALIM.
MANOVA CP2A CP4A CP7A BY KONTROL(1,4) TIPOALIM(1,3)
     /WSFACTORS=DIA(3)
     /CONTRAST(DIA)=DIFFERENCE
     /RENAME=PROM DIF24 DIF24V7
     /CONTRAST(KONTROL)=SIMPLE(1)
     /CONTRAST(TIPOALIM)=SIMPLE(1)
     /WSDESIGN=DIA
     /PRINT=CELLINFO(MEANS) TRANSFORM SIGNIF(UNIV MULTIV AVERF SINGLEDEF)
          HOMOGENEITY(BARTLETT BOXM) PARAM(ESTIM)
     /DESIGN=KONTROL TIPOALIM KONTROL BY TIPOALIM.
MANOVA IRG2A IRG4A IRG7A BY KONTROL(1,4) TIPOALIM(1,3)
     /WSFACTORS=DIA(3)
     /CONTRAST(DIA)=DIFFERENCE
     /RENAME=PROM DIF24 DIF24V7
     /CONTRAST(KONTROL)=SIMPLE(1)
     /CONTRAST(TIPOALIM)=SIMPLE(1)
     /WSDESIGN=DIA
     /PRINT=CELLINFO(MEANS) TRANSFORM SIGNIF(UNIV MULTIV AVERF SINGLEDEF)
          HOMOGENEITY(BARTLETT BOXM) PARAM(ESTIM)
     /DESIGN=KONTROL TIPOALIM KONTROL BY TIPOALIM.
SET LISTING='XPD2R021.RS2'.
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MANOVA GL2A GL4A GL7A BY KONTROL(1,4) SGEXRNCL(1,2)
     /WSFACTORS=DIA(3)
     /CONTRAST(DIA)=DIFFERENCE
     /RENAME=PROM DIF24 DIF24V7
     /CONTRAST(KONTROL)=SIMPLE(1)
     /CONTRAST(SGEXRNCL)=SIMPLE(1)
     /WSDESIGN=DIA
     /PRINT=CELLINFO(MEANS) TRANSFORM SIGNIF(UNIV MULTIV AVERF SINGLEDEF)
          HOMOGENEITY(BARTLETT BOXM) PARAM(ESTIM)
     /DESIGN=KONTROL SGEXRNCL KONTROL BY SGEXRNCL.
MANOVA IRI2A IRI4A IRI7A BY KONTROL(1,4) SGEXRNCL(1,2)
     /WSFACTORS=DIA(3)
     /CONTRAST(DIA)=DIFFERENCE
     /RENAME=PROM DIF24 DIF24V7
     /CONTRAST(KONTROL)=SIMPLE(1)
     /CONTRAST(SGEXRNCL)=SIMPLE(1)
     /WSDESIGN=DIA
     /PRINT=CELLINFO(MEANS) TRANSFORM SIGNIF(UNIV MULTIV AVERF SINGLEDEF)
          HOMOGENEITY(BARTLETT BOXM) PARAM(ESTIM)
     /DESIGN=KONTROL SGEXRNCL KONTROL BY SGEXRNCL.
MANOVA CP2A CP4A CP7A BY KONTROL(1,4) SGEXRNCL(1,2)
     /WSFACTORS=DIA(3)
     /CONTRAST(DIA)=DIFFERENCE
     /RENAME=PROM DIF24 DIF24V7
     /CONTRAST(KONTROL)=SIMPLE(1)
     /CONTRAST(SGEXRNCL)=SIMPLE(1)
     /WSDESIGN=DIA
     /PRINT=CELLINFO(MEANS) TRANSFORM SIGNIF(UNIV MULTIV AVERF SINGLEDEF)
          HOMOGENEITY(BARTLETT BOXM) PARAM(ESTIM)
     /DESIGN=KONTROL SGEXRNCL KONTROL BY SGEXRNCL.
MANOVA IRG2A IRG4A IRG7A BY KONTROL(1,4) SGEXRNCL(1,2)
     /WSFACTORS=DIA(3)
     /CONTRAST(DIA)=DIFFERENCE
     /RENAME=PROM DIF24 DIF24V7
     /CONTRAST(KONTROL)=SIMPLE(1)
     /CONTRAST(SGEXRNCL)=SIMPLE(1)
     /WSDESIGN=DIA
     /PRINT=CELLINFO(MEANS) TRANSFORM SIGNIF(UNIV MULTIV AVERF SINGLEDEF)
          HOMOGENEITY(BARTLETT BOXM) PARAM(ESTIM)
     /DESIGN=KONTROL SGEXRNCL KONTROL BY SGEXRNCL.
SET LISTING=OFF.

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* Programa XPD2R022.CNT para análisis por MANOVA de los resultados hormonales
     correspondientes a la primera semana de vida.
TITLE 'Estudio de la primera semana de vida'.
SUBTITLE 'Todos los recién nacidos'.
SET PRINTER=ON WIDTH=132.
SET LISTING='XPD2R022.RS1'.
MANOVA ESTGL2 ESTGL4 ESTGL7 BY KONTROL(1,4) TIPOALIM(1,3)
     /WSFACTORS=DIA(3)
     /CONTRAST(DIA)=DIFFERENCE
     /RENAME=PROM DIF24 DIF24V7
     /CONTRAST(KONTROL)=SIMPLE(1)
     /CONTRAST(TIPOALIM)=SIMPLE(1)
     /WSDESIGN=DIA
     /PRINT=CELLINFO(MEANS) TRANSFORM SIGNIF(UNIV MULTIV AVERF SINGLEDEF)
          HOMOGENEITY(BARTLETT BOXM) PARAM(ESTIM)
     /DESIGN=KONTROL TIPOALIM KONTROL BY TIPOALIM.
MANOVA RIRIG2A RIRIG4A RIRIG7A BY KONTROL(1,4) TIPOALIM(1,3)
     /WSFACTORS=DIA(3)
     /CONTRAST(DIA)=DIFFERENCE
     /RENAME=PROM DIF24 DIF24V7
     /CONTRAST(KONTROL)=SIMPLE(1)
     /CONTRAST(TIPOALIM)=SIMPLE(1)
     /WSDESIGN=DIA
     /PRINT=CELLINFO(MEANS) TRANSFORM SIGNIF(UNIV MULTIV AVERF SINGLEDEF)
          HOMOGENEITY(BARTLETT BOXM) PARAM(ESTIM)
     /DESIGN=KONTROL TIPOALIM KONTROL BY TIPOALIM.
MANOVA RCPG2A RCPG4A RCPG7A BY KONTROL(1,4) TIPOALIM(1,3)
     /WSFACTORS=DIA(3)
     /CONTRAST(DIA)=DIFFERENCE
     /RENAME=PROM DIF24 DIF24V7
     /CONTRAST(KONTROL)=SIMPLE(1)
     /CONTRAST(TIPOALIM)=SIMPLE(1)
     /WSDESIGN=DIA
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     /PRINT=CELLINFO(MEANS) TRANSFORM SIGNIF(UNIV MULTIV AVERF SINGLEDEF)
          HOMOGENEITY(BARTLETT BOXM) PARAM(ESTIM)
     /DESIGN=KONTROL TIPOALIM KONTROL BY TIPOALIM.
MANOVA RIRGG2A RIRGG4A RIRGG7A BY KONTROL(1,4) TIPOALIM(1,3)
     /WSFACTORS=DIA(3)
     /CONTRAST(DIA)=DIFFERENCE
     /RENAME=PROM DIF24 DIF24V7
     /CONTRAST(KONTROL)=SIMPLE(1)
     /CONTRAST(TIPOALIM)=SIMPLE(1)
     /WSDESIGN=DIA
     /PRINT=CELLINFO(MEANS) TRANSFORM SIGNIF(UNIV MULTIV AVERF SINGLEDEF)
          HOMOGENEITY(BARTLETT BOXM) PARAM(ESTIM)
     /DESIGN=KONTROL TIPOALIM KONTROL BY TIPOALIM.
SET LISTING='XPD2R022.RS2'.
MANOVA RIRICP2A RIRICP4A RIRICP7A BY KONTROL(1,4) TIPOALIM(1,3)
     /WSFACTORS=DIA(3)
     /CONTRAST(DIA)=DIFFERENCE
     /RENAME=PROM DIF24 DIF24V7
     /CONTRAST(KONTROL)=SIMPLE(1)
     /CONTRAST(TIPOALIM)=SIMPLE(1)
     /WSDESIGN=DIA
     /PRINT=CELLINFO(MEANS) TRANSFORM SIGNIF(UNIV MULTIV AVERF SINGLEDEF)
          HOMOGENEITY(BARTLETT BOXM) PARAM(ESTIM)
     /DESIGN=KONTROL TIPOALIM KONTROL BY TIPOALIM.
MANOVA RIRIRG2A RIRIRG4A RIRIRG7A BY KONTROL(1,4) TIPOALIM(1,3)
     /WSFACTORS=DIA(3)
     /CONTRAST(DIA)=DIFFERENCE
     /RENAME=PROM DIF24 DIF24V7
     /CONTRAST(KONTROL)=SIMPLE(1)
     /CONTRAST(TIPOALIM)=SIMPLE(1)
     /WSDESIGN=DIA
     /PRINT=CELLINFO(MEANS) TRANSFORM SIGNIF(UNIV MULTIV AVERF SINGLEDEF)
          HOMOGENEITY(BARTLETT BOXM) PARAM(ESTIM)
     /DESIGN=KONTROL TIPOALIM KONTROL BY TIPOALIM.
MANOVA RCPIRG2A RCPIRG4A RCPIRG7A BY KONTROL(1,4) TIPOALIM(1,3)
     /WSFACTORS=DIA(3)
     /CONTRAST(DIA)=DIFFERENCE
     /RENAME=PROM DIF24 DIF24V7
     /CONTRAST(KONTROL)=SIMPLE(1)
     /CONTRAST(TIPOALIM)=SIMPLE(1)
     /WSDESIGN=DIA
     /PRINT=CELLINFO(MEANS) TRANSFORM SIGNIF(UNIV MULTIV AVERF SINGLEDEF)
          HOMOGENEITY(BARTLETT BOXM) PARAM(ESTIM)
     /DESIGN=KONTROL TIPOALIM KONTROL BY TIPOALIM.
SET LISTING=OFF.

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* Programa XPD2R023.CNT para análisis por MANOVA de los resultados hormonales
     correspondientes a la primera semana de vida.
TITLE 'Estudio de la primera semana de vida'.
SUBTITLE 'Todos los recién nacidos'.
SET PRINTER=ON WIDTH=132 LISTING='XPD2R023.RS1'.
MANOVA GL2A GL4A GL7A BY KONTROL(1,4) TIPOALIM(1,3) SGEXRNCL(1,2)
     /WSFACTORS=DIA(3)
     /CONTRAST(DIA)=DIFFERENCE
     /RENAME=PROM DIF24 DIF24V7
     /CONTRAST(KONTROL)=SIMPLE(1)
     /CONTRAST(TIPOALIM)=SIMPLE(1)
     /CONTRAST(SGEXRNCL)=SIMPLE(2)
     /WSDESIGN=DIA
     /PRINT=CELLINFO(MEANS) TRANSFORM SIGNIF(UNIV MULTIV AVERF SINGLEDEF)
          HOMOGENEITY(BARTLETT BOXM) PARAM(ESTIM)
     /DESIGN.
MANOVA IRI2A IRI4A IRI7A BY KONTROL(1,4) TIPOALIM(1,3) SGEXRNCL(1,2)
     /WSFACTORS=DIA(3)
     /CONTRAST(DIA)=DIFFERENCE
     /RENAME=PROM DIF24 DIF24V7
     /CONTRAST(KONTROL)=SIMPLE(1)
     /CONTRAST(TIPOALIM)=SIMPLE(1)
     /CONTRAST(SGEXRNCL)=SIMPLE(2)
     /WSDESIGN=DIA
     /PRINT=CELLINFO(MEANS) TRANSFORM SIGNIF(UNIV MULTIV AVERF SINGLEDEF)
          HOMOGENEITY(BARTLETT BOXM) PARAM(ESTIM)
     /DESIGN.
MANOVA CP2A CP4A CP7A BY KONTROL(1,4) TIPOALIM(1,3) SGEXRNCL(1,2)
     /WSFACTORS=DIA(3)
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     /CONTRAST(DIA)=DIFFERENCE
     /RENAME=PROM DIF24 DIF24V7
     /CONTRAST(KONTROL)=SIMPLE(1)
     /CONTRAST(TIPOALIM)=SIMPLE(1)
     /CONTRAST(SGEXRNCL)=SIMPLE(2)
     /WSDESIGN=DIA
     /PRINT=CELLINFO(MEANS) TRANSFORM SIGNIF(UNIV MULTIV AVERF SINGLEDEF)
          HOMOGENEITY(BARTLETT BOXM) PARAM(ESTIM)
     /DESIGN.
MANOVA IRG2A IRG4A IRG7A BY KONTROL(1,4) TIPOALIM(1,3) SGEXRNCL(1,2)
     /WSFACTORS=DIA(3)
     /CONTRAST(DIA)=DIFFERENCE
     /RENAME=PROM DIF24 DIF24V7
     /CONTRAST(KONTROL)=SIMPLE(1)
     /CONTRAST(TIPOALIM)=SIMPLE(1)
     /CONTRAST(SGEXRNCL)=SIMPLE(2)
     /WSDESIGN=DIA
     /PRINT=CELLINFO(MEANS) TRANSFORM SIGNIF(UNIV MULTIV AVERF SINGLEDEF)
          HOMOGENEITY(BARTLETT BOXM) PARAM(ESTIM)
     /DESIGN.

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* Programa XPD2R024.CNT para análisis por MANOVA de los resultados hormonales
     correspondientes a la primera semana de vida.
TITLE 'Estudio de la primera semana de vida'.
SUBTITLE 'Todos los recién nacidos'.
SET WIDTH=132 LISTING='XPD2R024.RS1'.
MANOVA GLMAX2 GLMAX4 GLMAX7 BY KONTROL(1,4) TIPOALIM(1,3)
     /WSFACTORS=DIA(3)
     /CONTRAST(DIA)=DIFFERENCE
     /RENAME=PROM DIF24 DIF24V7
     /CONTRAST(KONTROL)=SIMPLE(1)
     /CONTRAST(TIPOALIM)=SIMPLE(1)
     /WSDESIGN=DIA
     /PRINT=CELLINFO(MEANS) TRANSFORM SIGNIF(UNIV MULTIV AVERF SINGLEDEF)
          HOMOGENEITY(BARTLETT BOXM) PARAM(ESTIM)
     /DESIGN=KONTROL TIPOALIM KONTROL BY TIPOALIM.
MANOVA GL2D GL4D GL7D BY KONTROL(1,4) TIPOALIM(1,3)
     /WSFACTORS=DIA(3)
     /CONTRAST(DIA)=DIFFERENCE
     /RENAME=PROM DIF24 DIF24V7
     /CONTRAST(KONTROL)=SIMPLE(1)
     /CONTRAST(TIPOALIM)=SIMPLE(1)
     /WSDESIGN=DIA
     /PRINT=CELLINFO(MEANS) TRANSFORM SIGNIF(UNIV MULTIV AVERF SINGLEDEF)
          HOMOGENEITY(BARTLETT BOXM) PARAM(ESTIM)
     /DESIGN=KONTROL TIPOALIM KONTROL BY TIPOALIM.
MANOVA IRI2D IRI4D IRI7D BY KONTROL(1,4) TIPOALIM(1,3)
     /WSFACTORS=DIA(3)
     /CONTRAST(DIA)=DIFFERENCE
     /RENAME=PROM DIF24 DIF24V7
     /CONTRAST(KONTROL)=SIMPLE(1)
     /CONTRAST(TIPOALIM)=SIMPLE(1)
     /WSDESIGN=DIA
     /PRINT=CELLINFO(MEANS) TRANSFORM SIGNIF(UNIV MULTIV AVERF SINGLEDEF)
          HOMOGENEITY(BARTLETT BOXM) PARAM(ESTIM)
     /DESIGN=KONTROL TIPOALIM KONTROL BY TIPOALIM.
MANOVA CP2D CP4D CP7D BY KONTROL(1,4) TIPOALIM(1,3)
     /WSFACTORS=DIA(3)
     /CONTRAST(DIA)=DIFFERENCE
     /RENAME=PROM DIF24 DIF24V7
     /CONTRAST(KONTROL)=SIMPLE(1)
     /CONTRAST(TIPOALIM)=SIMPLE(1)
     /WSDESIGN=DIA
     /PRINT=CELLINFO(MEANS) TRANSFORM SIGNIF(UNIV MULTIV AVERF SINGLEDEF)
          HOMOGENEITY(BARTLETT BOXM) PARAM(ESTIM)
     /DESIGN=KONTROL TIPOALIM KONTROL BY TIPOALIM.
MANOVA IRG2D IRG4D IRG7D BY KONTROL(1,4) TIPOALIM(1,3)
     /WSFACTORS=DIA(3)
     /CONTRAST(DIA)=DIFFERENCE
     /RENAME=PROM DIF24 DIF24V7
     /CONTRAST(KONTROL)=SIMPLE(1)
     /CONTRAST(TIPOALIM)=SIMPLE(1)
     /WSDESIGN=DIA
     /PRINT=CELLINFO(MEANS) TRANSFORM SIGNIF(UNIV MULTIV AVERF SINGLEDEF)
          HOMOGENEITY(BARTLETT BOXM) PARAM(ESTIM)
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     /DESIGN=KONTROL TIPOALIM KONTROL BY TIPOALIM.
SET LISTING='XPD2R024.RS2'.
MANOVA GLMAX2 GLMAX4 GLMAX7 BY KONTROL(1,4) SGEXRNCL(1,2)
     /WSFACTORS=DIA(3)
     /CONTRAST(DIA)=DIFFERENCE
     /RENAME=PROM DIF24 DIF24V7
     /CONTRAST(KONTROL)=SIMPLE(1)
     /CONTRAST(SGEXRNCL)=SIMPLE(1)
     /WSDESIGN=DIA
     /PRINT=CELLINFO(MEANS) TRANSFORM SIGNIF(UNIV MULTIV AVERF SINGLEDEF)
          HOMOGENEITY(BARTLETT BOXM) PARAM(ESTIM)
     /DESIGN=KONTROL SGEXRNCL KONTROL BY SGEXRNCL.
MANOVA GL2D GL4D GL7D BY KONTROL(1,4) SGEXRNCL(1,2)
     /WSFACTORS=DIA(3)
     /CONTRAST(DIA)=DIFFERENCE
     /RENAME=PROM DIF24 DIF24V7
     /CONTRAST(KONTROL)=SIMPLE(1)
     /CONTRAST(SGEXRNCL)=SIMPLE(1)
     /WSDESIGN=DIA
     /PRINT=CELLINFO(MEANS) TRANSFORM SIGNIF(UNIV MULTIV AVERF SINGLEDEF)
          HOMOGENEITY(BARTLETT BOXM) PARAM(ESTIM)
     /DESIGN=KONTROL SGEXRNCL KONTROL BY SGEXRNCL.
MANOVA IRI2D IRI4D IRI7D BY KONTROL(1,4) SGEXRNCL(1,2)
     /WSFACTORS=DIA(3)
     /CONTRAST(DIA)=DIFFERENCE
     /RENAME=PROM DIF24 DIF24V7
     /CONTRAST(KONTROL)=SIMPLE(1)
     /CONTRAST(SGEXRNCL)=SIMPLE(1)
     /WSDESIGN=DIA
     /PRINT=CELLINFO(MEANS) TRANSFORM SIGNIF(UNIV MULTIV AVERF SINGLEDEF)
          HOMOGENEITY(BARTLETT BOXM) PARAM(ESTIM)
     /DESIGN=KONTROL SGEXRNCL KONTROL BY SGEXRNCL.
MANOVA CP2D CP4D CP7D BY KONTROL(1,4) SGEXRNCL(1,2)
     /WSFACTORS=DIA(3)
     /CONTRAST(DIA)=DIFFERENCE
     /RENAME=PROM DIF24 DIF24V7
     /CONTRAST(KONTROL)=SIMPLE(1)
     /CONTRAST(SGEXRNCL)=SIMPLE(1)
     /WSDESIGN=DIA
     /PRINT=CELLINFO(MEANS) TRANSFORM SIGNIF(UNIV MULTIV AVERF SINGLEDEF)
          HOMOGENEITY(BARTLETT BOXM) PARAM(ESTIM)
     /DESIGN=KONTROL SGEXRNCL KONTROL BY SGEXRNCL.
MANOVA IRG2D IRG4D IRG7D BY KONTROL(1,4) SGEXRNCL(1,2)
     /WSFACTORS=DIA(3)
     /CONTRAST(DIA)=DIFFERENCE
     /RENAME=PROM DIF24 DIF24V7
     /CONTRAST(KONTROL)=SIMPLE(1)
     /CONTRAST(SGEXRNCL)=SIMPLE(1)
     /WSDESIGN=DIA
     /PRINT=CELLINFO(MEANS) TRANSFORM SIGNIF(UNIV MULTIV AVERF SINGLEDEF)
          HOMOGENEITY(BARTLETT BOXM) PARAM(ESTIM)
     /DESIGN=KONTROL SGEXRNCL KONTROL BY SGEXRNCL.
SET LISTING=OFF.

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* Programa XPD2R025.CNT para análisis por MANOVA de los resultados hormonales
     correspondientes a la primera semana de vida.
TITLE 'Estudio de la primera semana de vida'.
SUBTITLE 'Todos los recién nacidos'.
SET WIDTH=132.
SET LISTING='XPD2R025.RS1'.
MANOVA RIRIG2D RIRIG4D RIRIG7D BY KONTROL(1,4) TIPOALIM(1,3)
     /WSFACTORS=DIA(3)
     /CONTRAST(DIA)=DIFFERENCE
     /RENAME=PROM DIF24 DIF24V7
     /CONTRAST(KONTROL)=SIMPLE(1)
     /CONTRAST(TIPOALIM)=SIMPLE(1)
     /WSDESIGN=DIA
     /PRINT=CELLINFO(MEANS) TRANSFORM SIGNIF(UNIV MULTIV AVERF SINGLEDEF)
          HOMOGENEITY(BARTLETT BOXM) PARAM(ESTIM)
     /DESIGN=KONTROL TIPOALIM KONTROL BY TIPOALIM.
MANOVA RCPG2D RCPG4D RCPG7D BY KONTROL(1,4) TIPOALIM(1,3)
     /WSFACTORS=DIA(3)
     /CONTRAST(DIA)=DIFFERENCE
     /RENAME=PROM DIF24 DIF24V7
     /CONTRAST(KONTROL)=SIMPLE(1)
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     /CONTRAST(TIPOALIM)=SIMPLE(1)
     /WSDESIGN=DIA
     /PRINT=CELLINFO(MEANS) TRANSFORM SIGNIF(UNIV MULTIV AVERF SINGLEDEF)
          HOMOGENEITY(BARTLETT BOXM) PARAM(ESTIM)
     /DESIGN=KONTROL TIPOALIM KONTROL BY TIPOALIM.
MANOVA RIRGG2D RIRGG4D RIRGG7D BY KONTROL(1,4) TIPOALIM(1,3)
     /WSFACTORS=DIA(3)
     /CONTRAST(DIA)=DIFFERENCE
     /RENAME=PROM DIF24 DIF24V7
     /CONTRAST(KONTROL)=SIMPLE(1)
     /CONTRAST(TIPOALIM)=SIMPLE(1)
     /WSDESIGN=DIA
     /PRINT=CELLINFO(MEANS) TRANSFORM SIGNIF(UNIV MULTIV AVERF SINGLEDEF)
          HOMOGENEITY(BARTLETT BOXM) PARAM(ESTIM)
     /DESIGN=KONTROL TIPOALIM KONTROL BY TIPOALIM.
SET LISTING='XPD2R025.RS2'.
MANOVA RIRICP2D RIRICP4D RIRICP7D BY KONTROL(1,4) TIPOALIM(1,3)
     /WSFACTORS=DIA(3)
     /CONTRAST(DIA)=DIFFERENCE
     /RENAME=PROM DIF24 DIF24V7
     /CONTRAST(KONTROL)=SIMPLE(1)
     /CONTRAST(TIPOALIM)=SIMPLE(1)
     /WSDESIGN=DIA
     /PRINT=CELLINFO(MEANS) TRANSFORM SIGNIF(UNIV MULTIV AVERF SINGLEDEF)
          HOMOGENEITY(BARTLETT BOXM) PARAM(ESTIM)
     /DESIGN=KONTROL TIPOALIM KONTROL BY TIPOALIM.
MANOVA RIRIRG2D RIRIRG4D RIRIRG7D BY KONTROL(1,4) TIPOALIM(1,3)
     /WSFACTORS=DIA(3)
     /CONTRAST(DIA)=DIFFERENCE
     /RENAME=PROM DIF24 DIF24V7
     /CONTRAST(KONTROL)=SIMPLE(1)
     /CONTRAST(TIPOALIM)=SIMPLE(1)
     /WSDESIGN=DIA
     /PRINT=CELLINFO(MEANS) TRANSFORM SIGNIF(UNIV MULTIV AVERF SINGLEDEF)
          HOMOGENEITY(BARTLETT BOXM) PARAM(ESTIM)
     /DESIGN=KONTROL TIPOALIM KONTROL BY TIPOALIM.
MANOVA RCPIRG2D RCPIRG4D RCPIRG7D BY KONTROL(1,4) TIPOALIM(1,3)
     /WSFACTORS=DIA(3)
     /CONTRAST(DIA)=DIFFERENCE
     /RENAME=PROM DIF24 DIF24V7
     /CONTRAST(KONTROL)=SIMPLE(1)
     /CONTRAST(TIPOALIM)=SIMPLE(1)
     /WSDESIGN=DIA
     /PRINT=CELLINFO(MEANS) TRANSFORM SIGNIF(UNIV MULTIV AVERF SINGLEDEF)
          HOMOGENEITY(BARTLETT BOXM) PARAM(ESTIM)
     /DESIGN=KONTROL TIPOALIM KONTROL BY TIPOALIM.
SET LISTING='XPD2R025.RS3'.
MANOVA RIRIG2D RIRIG4D RIRIG7D BY KONTROL(1,4) SGEXRNCL(1,2)
     /WSFACTORS=DIA(3)
     /CONTRAST(DIA)=DIFFERENCE
     /RENAME=PROM DIF24 DIF24V7
     /CONTRAST(KONTROL)=SIMPLE(1)
     /CONTRAST(SGEXRNCL)=SIMPLE(1)
     /WSDESIGN=DIA
     /PRINT=CELLINFO(MEANS) TRANSFORM SIGNIF(UNIV MULTIV AVERF SINGLEDEF)
          HOMOGENEITY(BARTLETT BOXM) PARAM(ESTIM)
     /DESIGN=KONTROL SGEXRNCL KONTROL BY SGEXRNCL.
MANOVA RCPG2D RCPG4D RCPG7D BY KONTROL(1,4) SGEXRNCL(1,2)
     /WSFACTORS=DIA(3)
     /CONTRAST(DIA)=DIFFERENCE
     /RENAME=PROM DIF24 DIF24V7
     /CONTRAST(KONTROL)=SIMPLE(1)
     /CONTRAST(SGEXRNCL)=SIMPLE(1)
     /WSDESIGN=DIA
     /PRINT=CELLINFO(MEANS) TRANSFORM SIGNIF(UNIV MULTIV AVERF SINGLEDEF)
          HOMOGENEITY(BARTLETT BOXM) PARAM(ESTIM)
     /DESIGN=KONTROL SGEXRNCL KONTROL BY SGEXRNCL.
MANOVA RIRGG2D RIRGG4D RIRGG7D BY KONTROL(1,4) SGEXRNCL(1,2)
     /WSFACTORS=DIA(3)
     /CONTRAST(DIA)=DIFFERENCE
     /RENAME=PROM DIF24 DIF24V7
     /CONTRAST(KONTROL)=SIMPLE(1)
     /CONTRAST(SGEXRNCL)=SIMPLE(1)
     /WSDESIGN=DIA
     /PRINT=CELLINFO(MEANS) TRANSFORM SIGNIF(UNIV MULTIV AVERF SINGLEDEF)
          HOMOGENEITY(BARTLETT BOXM) PARAM(ESTIM)
     /DESIGN=KONTROL SGEXRNCL KONTROL BY SGEXRNCL.
```

```
SET LISTING='XPD2R025.RS4'.
MANOVA RIRICP2D RIRICP4D RIRICP7D BY KONTROL(1,4) SGEXRNCL(1,2)
     /WSFACTORS=DIA(3)
     /CONTRAST(DIA)=DIFFERENCE
     /RENAME=PROM DIF24 DIF24V7
     /CONTRAST(KONTROL)=SIMPLE(1)
     /CONTRAST(SGEXRNCL)=SIMPLE(1)
     /WSDESIGN=DIA
     /PRINT=CELLINFO(MEANS) TRANSFORM SIGNIF(UNIV MULTIV AVERF SINGLEDEF)
          HOMOGENEITY(BARTLETT BOXM) PARAM(ESTIM)
     /DESIGN=KONTROL SGEXRNCL KONTROL BY SGEXRNCL.
MANOVA RIRIRG2D RIRIRG4D RIRIRG7D BY KONTROL(1,4) SGEXRNCL(1,2)
     /WSFACTORS=DIA(3)
     /CONTRAST(DIA)=DIFFERENCE
     /RENAME=PROM DIF24 DIF24V7
     /CONTRAST(KONTROL)=SIMPLE(1)
     /CONTRAST(SGEXRNCL)=SIMPLE(1)
     /WSDESIGN=DIA
     /PRINT=CELLINFO(MEANS) TRANSFORM SIGNIF(UNIV MULTIV AVERF SINGLEDEF)
          HOMOGENEITY(BARTLETT BOXM) PARAM(ESTIM)
     /DESIGN=KONTROL SGEXRNCL KONTROL BY SGEXRNCL.
MANOVA RCPIRG2D RCPIRG4D RCPIRG7D BY KONTROL(1,4) SGEXRNCL(1,2)
     /WSFACTORS=DIA(3)
     /CONTRAST(DIA)=DIFFERENCE
     /RENAME=PROM DIF24 DIF24V7
     /CONTRAST(KONTROL)=SIMPLE(1)
     /CONTRAST(SGEXRNCL)=SIMPLE(1)
     /WSDESIGN=DIA
     /PRINT=CELLINFO(MEANS) TRANSFORM SIGNIF(UNIV MULTIV AVERF SINGLEDEF)
          HOMOGENEITY(BARTLETT BOXM) PARAM(ESTIM)
     /DESIGN=KONTROL SGEXRNCL KONTROL BY SGEXRNCL.
SET LISTING=OFF.
```

PROGRAMAS DE DISEÑO PROPIO EN LENGUAJE BASIC AVANZADO

PROGRAMA PARA ESTUDIAR EL TRANSPORTE TRANSPLACENTARIO DE LA GLUCOSA

```
10 REM $TITLE:'PROGRAMA  MULTI COMPILAT'
20 REM $SUBTITLE:'REGRESSIO NO LINEAL : TRANSPORT TRANSPLACENTARI DE GLUCOSA'
30 CLS
40 LOCATE 4,30:PRINT "MULTI LINES FITTINGS"
50 PRINT TAB(30) "____________________":PRINT:PRINT
60 PRINT TAB(10)"  ADAPATACION COMPILADA A LA CINETICA MICHAELIANA":PRINT:PRINT
70 PRINT"  CP Y T SON LAS VARIABLES DEPENDIENTE E INDEPENDIENTE RESPECTIVAMENTE"
80 PRINT : PRINT
90 DIM P(6)
100 PRINT TAB(10) " Escoge uno de los siguientes modelos : ":PRINT:PRINT
110 PRINT TAB(15) " 1.- Un solo estado del transportador.":PRINT
120 PRINT TAB(15) " 2.- Dos estados del transportador.":PRINT
130 PRINT TAB(25) " Opción : ";:INPUT OPN:PRINT
140 IF OPN=1 THEN DEF FNCP1=P(1)*T/(P(2)+T)
150 IF OPN=2 THEN DEF FNCP2=(P(1)*T/(P(2)+T))+(P(3)*T/(P(4)+T))
160 IF OPN<>1 AND OPN<>2 THEN BEEP:GOTO 100
170 PRINT:PRINT "P(1),P(2), .... SON LOS PARAMETROS A AJUSTAR "
180 PRINT:PRINT "ATENCION  :  IR A LA 840 SI DIVERGE ": FP=0
190 DIM ME$(3):ME$(0)="GAUSS-NEWTON":ME$(1)="DAMPING GAUSS-NEWTON"
200 ME$(2)="MARQUARDT":ME$(3)="SIMPLEX"
210 PRINT:FOR I=0 TO 3:PRINT "(";I;")";ME$(I);" METODO":NEXT I
220 PRINT:INPUT "Nº DEL ALGORITMO SELECCIONADO : "; AL
230 PRINT
240 INPUT "NOMBRE DEL TEMA : ";N$:PRINT
250 LN=1:DIM NL(1)
260 INPUT "FACTOR DE PONDERACION (0,1,2) : ";IW :PRINT:INPUT "Nº DE PARAMETROS :
    ";M:PRINT
270 FOR I=1 TO LN :PRINT "Nº DE PUNTOS : ";: INPUT NL(I):NEXT I
280 N=0:FOR I=1 TO LN:N=N+NL(I):NEXT I:DIM TX(15),CY(15),A(6,7),X(6,6),PW(6)
290 NL(0)=0:BS=0:FOR J=1 TO LN:BS=BS+NL(J-1):PRINT
300 FOR I=1 TO NL(J):PRINT"T";J;"(";I;"), CP";J;"(";I;")";:INPUT TX(BS+I),CY(BS
    +I)
310 NEXT I:NEXT J:IF AL=3 THEN 700
320 PC=.0001 :CF=100:IF FP=0 THEN DIM CS(15,6):FP=1
330 PRINT:INPUT"INGRESA EL JACOBIANO (0.1 - 0.0001) : ";DT:PRINT:FOR I=1 TO M
340 PRINT "VALOR INICIAL P(";I;") = ";:INPUT A(I,0):P(I)=A(I,0):NEXT I:GOSUB
    920:S1=SS
350 PRINT "VALOR INICIAL SS =";SS:FOR K=1 TO 100: GOSUB 1120:GOSUB 1160:GOSUB
    980:JJ=0
360 JJ=JJ+1:IF JJ>25 THEN 470
370 FOR I=1 TO M:P(I)=A(I,0)+A(I,M+1):NEXT :GOSUB 920
380 DS=ABS(S1-SS):IF AL <> 2 OR SS=0 THEN 420
390 PW=0:FOR I=1 TO M :PW=PW+X(I,0)*A(I,M+1)+CF*A(I,M+1)*A(I,M+1):NEXT
400 IF DS/PW >.75 THEN CF=CF/2
410 IF DS/PW <.25 THEN CF=5*CF
420 IF DS<=PC*S1 THEN 480
430 IF AL=1 AND SS>S1 THEN FOR I=1 TO M:A(I,M+1)=.5*A(I,M+1):NEXT:GOTO 360
440 FOR I=1 TO M:A(I,0)=P(I):NEXT:S1=SS:PRINT:PRINT "BUCLE =";K
450 IF AL=1 THEN PRINT "DAMP=";JJ
460 FOR I=1 TO M :PRINT "P(";I;") =";P(I):NEXT :PRINT "SS= ";SS:NEXT
470 PRINT
480 LPRINT :LPRINT "*";N$;"* POR ";ME$(AL);" METODO":LPRINT"PESO= 1/CP^(";IW;")"
490 IF AL<>3 AND N>M THEN GOSUB 1200
500 IF SS=0 THEN LPRINT "AIC= MENOS INFINITO ":GOTO 520
510 LPRINT "AIC =";N*LOG(SS)+2*M
520 IF AL =3 THEN LPRINT "ALFA =";AA;"  BETA=";BB;"  GAMMA=";CC:LPRINT
530 IF AL<>3 THEN LPRINT "DT=";DT
540 IF AL=2 THEN LPRINT "FACTOR =";CF
550 FOR I=1 TO M :LPRINT "VALOR FINAL P";I;"=";P(I);
560 IF AL <>3 AND X(I,0)>0 AND N>M THEN LPRINT "   S.D.=";SQR(X(I,0)*SS/(N-M))
570 LPRINT :NEXT:LPRINT "VALOR FINAL SS =";SS:BS=0:FOR J=1 TO LN:BS=BS+NL(J-1)
580 LPRINT:FOR I=1 TO NL(J): T=TX(BS+I):GOSUB 640
590 LPRINT "T";J;"=";T;"  CP";J;"=";CP;"     (";CY(BS+I);")":NEXT I,J
600 PRINT:PRINT "NO DEL ALGORITMO SELECCIONADO  "
610 INPUT "(0,1,2,3    0  -1)";AL: IF AL<0 THEN END
620 IF AL=3 THEN 700
630 GOTO 320
640 IF OPN=1 THEN CP=FNCP1
650 IF OPN=2 THEN CP=FNCP2
660 RETURN
```

```
670 FOR JS=1 TO M:PT=P(JS):P(JS)=PT+PT*DT:GOSUB 640
680 DD=CP:P(JS)=PT-PT*DT:GOSUB 640
690 CS(BS+I,JS)=(DD-CP)/(2*PT*DT):P(JS)=PT:NEXT:RETURN
700 AA=1:BB=.5:CC=2:SG=1E+10:PC=.00001
710 PRINT:FOR I=1 TO M: PRINT "VALOR INICIAL P(";I;")";:INPUT A(I,1):NEXT
720 FOR J=2 TO M+1:FOR I=1 TO M:A(I,J)=2*RND(1)*A(I,1)+.01*(RND(1)-.5):NEXT I,J
730 FOR K=1 TO M+1:FOR I=1 TO M:P(I)=A(I,K):NEXT:GOSUB 920:A(0,K)=SS:NEXT
740 PRINT:FOR I=1 TO M+1:PRINT"SS";I;"=";A(0,I):NEXT:GOTO 950
750 SR=0:SL=1E+10:FOR J=1 TO M+1 : IF SR<A(0,J) THEN JH=J:SR=A(0,J)
760 IF SL>A(0,J) THEN JL=J:SL=A(0,J)
770 NEXT:SR=0:FOR J=1 TO M+1:IF J<>JH AND SR<A(0,J) THEN JS=J:SR=A(0,J)
780 NEXT:FOR I=1 TO M:X(0,I)=0:FOR J=1 TO M+1:IF J<>JH THEN X(0,I)=X(0,I)+A(I,J)
790 NEXT:X(0,I)=X(0,I)/M:NEXT:FOR I=1 TO M:A(I,0)=(1+AA)*X(0,I)-AA*A(I,JH)
800 P(I)=A(I,0):NEXT:GOSUB 920:SR=SS:IF SR<=A(0,JS) THEN 870
810 IF SR<A(0,JH) THEN FOR I=1 TO M:A(I,JH)=A(I,0):NEXT:A(0,JH)=SR
820 FOR I=1 TO M:A(I,0)=BB*A(I,JH)+(1-BB)*X(0,I)
830 P(I)=A(I,0):NEXT:GOSUB 920:SR=SS
840 IF SR<A(0,JH) THEN FOR I=1 TO M:A(I,JH)=A(I,0):NEXT:A(0,JH)=SR:GOTO 740
850 FOR K=1 TO M+1:FOR I=1 TO M:A(I,K)=(A(I,K)+A(I,JL))/2:P(I)=A(I,K):NEXT
860 GOSUB 920:A(0,K)=SS:NEXT:GOTO 740
870 IF SR<A(0,JL) THEN 890
880 FOR I=1 TO M:A(I,JH)=A(I,0):NEXT:A(0,JH)=SR:GOTO 740
890 FOR I=1 TO M:X(1,I)=CC*A(I,0)+(1-CC)*X(0,I):P(I)=X(1,I):NEXT:GOSUB 920:SL=SS
900 IF SL<SR THEN FOR I=1 TO M:A(I,JH)=X(1,I):NEXT:A(0,JH)=SL:GOTO 740
910 GOTO 880
920 SS=0:BS=0:FOR J=1 TO LN:BS=BS+NL(J-1):FOR I=1 TO NL(J):T=TX(BS+I)
930 GOSUB 640:SS=SS+(CY(BS+I)-CP)^2/CY(BS+I)^IW
940 NEXT I,J:RETURN
950 SR=0:FOR I=1 TO M+1:SR=SR+A(0,I):NEXT
960 IF ABS(SR-SG)>PC*SG THEN SG=SR: GOTO 750
970 FOR I=1 TO M:P(I)=A(I,JL):NEXT:SS=A(0,JL):GOTO 480
980 IF NP=1 THEN A(1,2)=A(1,2)/A(1,1): RETURN
990 RM=ABS(A(1,1)):FOR IS=1 TO NP:FOR JS=1 TO NP
1000 IF RM<ABS(A(JS,IS)) THEN RM=ABS(A(JS,IS))
1010 NEXT JS,IS:FOR KS=1 TO NP-1:W=0:FOR IS=KS TO NP
1020 IF ABS(A(IS,KS))<W THEN 1040
1030 W=ABS(A(IS,KS)):JS=IS
1040 NEXT : IF JS=KS THEN 1060
1050 FOR IS=KS TO NP+1:W=A(KS,IS):A(KS,IS)=A(JS,IS):A(JS,IS)=W:NEXT
1060 P=1/A(KS,KS):FOR JS=KS+1 TO NP+1:A(KS,JS)=A(KS,JS)*P:W=-A(KS,JS)
1070 IF W=0 THEN 1090
1080 FOR IS=KS+1 TO NP:A(IS,JS)=A(IS,JS)+A(IS,KS)*W:NEXT
1090 NEXT:NEXT:A(NP,NP+1)=A(NP,NP+1)/A(NP,NP):FOR IS=2 TO NP
1100 LS=NP-IS+1:W=-A(LS,NP+1):FOR JS=LS+1 TO NP
1110 W=W+A(LS,JS)*A(JS,NP+1):NEXT:A(LS,NP+1)=-W:NEXT:RETURN
1120 NL(0)=0:BS=0:FOR J=1 TO LN:BS=BS+NL(J-1):FOR I=1 TO NL(J):T=TX(BS+I)
1130 GOSUB 640: CS(BS+I,0)=CY(BS+I)-CP:GOSUB 670
1140 NEXT I,J:FOR I=1 TO M:FOR J=I TO M:A(I,J)=0:FOR L=1 TO N
1150 A(I,J)=A(I,J)+CS(L,I)*CS(L,J)/CY(L)^IW:NEXT:A(J,I)=A(I,J):NEXT J,I:RETURN
1160 FOR I=1 TO M:A(I,M+1)=0:FOR J=1 TO N
1170 A(I,M+1)=A(I,M+1)+CS(J,I)*CS(J,0)/CY(J)^IW:NEXT J,I:NP=M
1180 IF AL=2 THEN FOR I=1 TO M:A(I,I)=A(I,I)+CF:X(I,0)=A(I,M+1):NEXT
1190 RETURN
1200 GOSUB 1120:FOR I=1 TO M:FOR J=1 TO M:X(I,J)=A(I,J):NEXT J,I
1210 FOR K=1 TO M:FOR I=1 TO M:FOR J=1 TO M: A(I,J)=X(I,J):NEXT J,I:FOR I=1 TO M
1220 A(I,M+1)=0: NEXT : A(K,M+1)=1 : GOSUB 980 :X(K,0)=A(K,M+1):NEXT:RETURN
```

##

PROGRAMA PARA CALCULOS DIVERSOS

```
10 COLOR 14,10,0:SCREEN 0,1,0,0:CLS:KEY OFF:LOCATE 6,27:LPRINT CHR$(27);"R2"
20 LPRINT CHR$(27);"6":PRINT  "BON  DIA  I  BONA  HORA !!!":PRINT
30 FOR I=1 TO 2
40 PLAY "MB MS T140 O5 A6E12E4A4F+6F+12F+2G+6A12B4G+4A6 O6 C+6 O5 A2 P8"
50 NEXT
60 PRINT TAB(26) "SOC  XPCAL.BAS  PER  AJUDARTE":PRINT
70 FOR I=1 TO 2
80 PLAY "MB MS G+6A12B4B4 O6 C+6 O5 A6 B4B4 P8":NEXT I
90 PRINT TAB(25) "EN  ELS  CALCULS  DE  LA  TESSI":PRINT:PRINT:PRINT:PRINT
100 PLAY "MB MS A6G+12F+6 O6 D6C+6B6C+4B4 O5 A4 P8"
110 PLAY "MB MS A6G+12F+6 O6 D6C+6B6C+4B4 O5 A1"
```

```
120 PRINT "                        Comprova l'estat de la impressora.":PRINT:PRINT
130 DIM R$(10,10),OP(10,5)
140 INPUT "                    Introduieix el código del nen a calcular.";P$
150 OC$(1)="Somatometría materna i del nadó."
160 OC$(2)="Insulinització exógena materna."
170 OC$(3)="Glucosa exógena en perfussió."
180 OC$(4)="Transformacions interglucèmiques."
190 OC$(5)="Descens glucémic : 1ª hora de vida."
200 OC$(6)="Sobrecàrrega de glucosa : díes 2,4 i 7."
210 OC$(7)="Ratios molars i unitats internacionals."
220 OC$(8)="Càlcul d'un nou malalt."
230 OC$(9)="Finalització del programa."
240 F$="  --> ":F2$="##############################"
250 CLS:PRINT:PRINT"  Correcte. Ara tría l'opció de càlcul que desitjis entre les
    següents : ":PRINT
260 FOR I=1 TO 9:PRINT TAB(15);I;".- ";OC$(I):PRINT:NEXT
270 PRINT:INPUT "                                  Opcio : ";OC
280 IF OC=1 THEN 410
290 IF OC=2 THEN 1350
300 IF OC=3 THEN 1980
310 IF OC=4 THEN 2450
320 IF OC=5 THEN 3490
330 IF OC=6 THEN 4140
340 IF OC=7 THEN 4590
350 IF OC=8 THEN 5930
360 IF OC=9 THEN 5990
370 BEEP:CLS:PRINT:PRINT
380 PRINT "  T'has equivocat. Aquesta opció no existeix.":PRINT
390 PRINT "  Torna a triar l'opció correctament i no badis !!!.":PRINT
400 GOTO 260
410 REM Dades somatomètriques de la mare i del nadó
420 CLS:LOCATE 5,26
430 PRINT  "DADES  SOMATOMETRIQUES"
440 PRINT TAB(26) "_____________________":PRINT:PRINT
450 PRINT TAB(20) "Tría una de les següents opcions : ":PRINT:PRINT
460 PRINT TAB(25) "1.- Somatometría materna.":PRINT
470 PRINT TAB(25) "2.- Somatometría del nadó.":PRINT
480 PRINT TAB(25) "3.- Tornada al menú inicial.":PRINT:PRINT
490 INPUT "                                    Opció : ";OC
500 IF OC=1 THEN 550
510 IF OC=2 THEN 1000
520 IF OC=3 THEN 250
530 BEEP:CLS:PRINT:PRINT "  T'has equivocat.":PRINT:GOTO 430
540 PRINT:PRINT:PRINT:PRINT:GOTO 430
550 CLS:PRINT:PRINT:INPUT "  -->  Talla materna (cm) : ";TM:PRINT
560 INPUT "  -->  Pes habitual  (kg) : ";PESH:PRINT
570 INPUT "  -->  Pes teóric    (kg) : ";PEST:PRINT
580 IF TM=0 OR PESH=0 THEN 650
590 SOMGES1=TM^.42246*.0235*PESH^.51456
600 SOMGES2=PESH/SOMGES1
610 SOMGES4=(PESH-PEST)*100/PEST
620 PRINT "  »  S.C. materna = ";SOMGES1;"m²":PRINT
630 PRINT "  »  I.M.C. matern = ";SOMGES2:PRINT
640 PRINT "  »  Ratio pes teóric = ";SOMGES4;" % ":PRINT
650 INPUT "  -->  Nº de pesades registrades al trimestre 1 : ";N1:PRINT
660 IF N1=0 THEN 690
670 GOSUB 780
680 PRINT "  »  Pes mig trimestre 1 = ";T;" kg ":PES1=T:PRINT
690 INPUT "  -->  Nº de pesades registrades al trimestre 2 : ";N1:PRINT
700 IF N1=0 THEN 730
710 GOSUB 780
720 PRINT "  »  Pes mig trimestre 2 = ";T;" kg ":PES2=T:PRINT
730 INPUT "  -->  Nº de pesades registrades al trimestre 3 : ";N1:PRINT
740 IF N1=0 THEN 800
750 GOSUB 780
760 PRINT "  »  Pes mig trimestre 3 = ";T;" kg ":PES3=T:PRINT
770 GOTO 800
780 T=0:FOR I=1 TO N1:PRINT " - Pes en kg (";I;") = ";:INPUT ;T(I)
790 T=T+T(I):PRINT:NEXT I:T=T/N1:PRINT:RETURN
800 INPUT "  -->  Ingressa el pes matern màxim (kg) : ";PESMAX:PRINT
810 PRINT "  »  Increment de pes  = ";PESMAX-PESH;" kg":PRINT
820 INPUT "  Vols imprimir les dades [s/n] : ";A$:PRINT
830 IF A$="N" OR A$="n" THEN 420
840 IF A$="S" OR A$="s" THEN 860
850 BEEP:PRINT "T'has equivocat.":PRINT:GOTO 820
860 LPRINT TAB(23) "PACIENT  :  ";P$:LPRINT:LPRINT
870 LPRINT TAB(10) "* - Dades somatomètriques maternes : ":LPRINT
```

```
880 LPRINT "     - Pes habitual = ";PESH;" kg ":LPRINT
890 LPRINT "     - S.C.    = ";SOMGES1;" m² ":LPRINT
900 LPRINT "     - I.M.C. = ";SOMGES2:LPRINT
910 LPRINT "     - Pes teòric = ";PEST;" kg ":LPRINT
920 LPRINT "     - Ratio sobre pes teòric = ";SOMGES4;" % ":LPRINT
930 LPRINT "     - Pes Mig Trimestre 1  = ";PES1;" kg ":LPRINT
940 LPRINT "     - Pes Mig Trimestre 2  = ";PES2;" kg ":LPRINT
950 LPRINT "     - Pes Mig Trimestre 3  = ";PES3;" kg ":LPRINT
960 LPRINT "     - Pes màxim    = ";PESMAX;" kg ":LPRINT
970 LPRINT "     - Increment de pes = ";PESMAX-PESH;" kg ":LPRINT
980 LPRINT:LPRINT:LPRINT TAB(25) F2$
990 GOTO 420
1000 CLS:PRINT:PRINT:INPUT "  -->  Pes del nadó (kg) : ";PESRN1:PRINT
1010 INPUT "  -->  Talla del nadó (cm) : ";TARN:PRINT
1020 IF PESRN1=0 THEN 420
1030 INPUT "  -->  Pes p50 per l'EG (kg) : ";P50RN:PRINT
1040 INPUT "  -->  Pes placentari (kg) : ";PESPLA:PRINT
1050 INPUT "  -->  Pes mínim 1ª setmana (kg) : ";PESMIN:PRINT
1060 IF TARN=0 THEN 1110
1070 SCRN=TARN^.42246*.0235*PESRN1^.51456
1080 IMCRN=PESRN1/SCRN
1090 PRINT "  » S.C. del nadó   = ";SCRN;" m² ":PRINT
1100 PRINT "  » I.M.C. del nadó = ";IMCRN:PRINT
1110 DESRAT=(PESRN1-P50RN)*100/P50RN
1120 PRINT "  » Desviació del pes mitg = ";DESRAT;" % ":PRINT
1130 IF PESPLA=0 THEN 1160
1140 PLAFET=PESPLA/PESRN1
1150 PRINT "  » Relació placenta/fetus = ";PLAFET:PRINT
1160 IF PESMIN=0 THEN 1190
1170 PPP2=(PESRN1-PESMIN)*100/PESRN1
1180 PRINT "  » Pèrdua percentual de pes = ";PPP2;" % ":PRINT
1190 INPUT "  Vols imprimir les dades [s/n] : ";A$:PRINT
1200 IF A$="N" OR A$="n" THEN 420
1210 IF A$="S" OR A$="s" THEN 1230
1220 BEEP:PRINT "  T'has equivocat.":PRINT:GOTO 1190
1230 LPRINT:LPRINT:LPRINT:LPRINT
1240 LPRINT TAB(23) "PACIENT  :  ";P$:LPRINT:LPRINT
1250 LPRINT TAB(10) "* - Dades somatomètriques del nadó : ":LPRINT
1260 LPRINT "     - Pes del nadó = ";PESRN1;" kg ":LPRINT
1270 LPRINT "     - S.C. del nadó = ";SCRN;" m² ":LPRINT
1280 LPRINT "     - I.M.C. del nadó = ";IMCRN:LPRINT
1290 LPRINT "     - Pes teòric P50  = ";P50RN;" kg ":LPRINT
1300 LPRINT "     - Desviació de p50 = ";DESRAT;" % ":LPRINT
1310 LPRINT "     - Relació placenta/fetus = ";PLAFET:LPRINT
1320 LPRINT "     - Pèrdua percentual = ";PPP2;" % ":LPRINT
1330 LPRINT:LPRINT:LPRINT TAB(25) F2$
1340 GOTO 420
1350 REM Insulinització exógena materna
1360 CLS
1370 LOCATE 5,25:PRINT "INSULINITZACIO  EXOGENA"
1380 PRINT TAB(25) "_____________________":PRINT:PRINT
1390 PRINT TAB(15) "1.- Insulinització exógena trimestre 1":PRINT
1400 PRINT TAB(15) "2.- Insulinització exógena trimestre 2":PRINT
1410 PRINT TAB(15) "3.- Insulinització exógena trimestre 3":PRINT
1420 PRINT TAB(15) "4.- Tornada al menú inicial.":PRINT:PRINT
1430 INPUT "                              Opció : ";OC
1440 IF OC=1 THEN 1490
1450 IF OC=2 THEN 1590
1460 IF OC=3 THEN 1690
1470 IF OC=4 THEN 250
1480 BEEP:CLS:PRINT:PRINT"  T'has equivocat.":PRINT :GOTO 1370
1490 PRINT:INPUT"  Has introduit el pes mig del trimestre 1 [s/n] : ";A$:PRINT
1500 IF A$="S" OR A$="s" THEN 1540
1510 IF A$="N" OR A$="n" THEN 1530
1520 BEEP:PRINT "  T'has equivocat.":PRINT:GOTO 1490
1530 INPUT "  -->  Pes mig trimestre 1 (kg) : ";PES1:PRINT
1540 INPUT "  -->  Quantes dosis d'insulina tens registrades : ";N1:PRINT
1550 GOSUB 1790
1560 INSEX1=T/PES1
1570 PRINT "  »  Dosi d'insulina exógena trimestre 1 = ";INSEX1;" ui/kg/d":PRINT
1580 GOTO 1820
1590 PRINT:INPUT"  Has introduit el pes mig del trimestre 2 [s/n] : ";A$:PRINT
1600 IF A$="S" OR A$="s" THEN 1640
1610 IF A$="N" OR A$="n" THEN 1630
1620 BEEP:PRINT "  T'has equivocat.":PRINT:GOTO 1590
1630 INPUT "  -->  Pes mig trimestre 2 (kg) : ";PES2:PRINT
1640 INPUT "  -->  Quantes dosis d'insulina tens registrades : ";N1:PRINT
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1650 GOSUB 1790
1660 INSEX2=T/PES2
1670 PRINT "  »  Dosi d'insulina exògena trimestre 2 = ";INSEX2;" ui/kg/d":PRINT
1680 GOTO 1820
1690 PRINT:INPUT"  Has introduit el pes mig del trimestre 3 [s/n] : ";A$:PRINT
1700 IF A$="S" OR A$="s" THEN 1740
1710 IF A$="N" OR A$="n" THEN 1730
1720 BEEP:PRINT "  T'has equivocat.":PRINT:GOTO 1690
1730 INPUT "  -->  Pes mig trimestre 3 (kg) : ";PES3:PRINT
1740 INPUT "  -->  Quantes dosis d'insulina tens registrades : ";N1:PRINT
1750 GOSUB 1790
1760 INSEX3=T/PES3
1770 PRINT "  »  Dosi d'insulina exógena trimestre 3 = ";INSEX3;" ui/kg/d":PRINT
1780 GOTO 1820
1790 T=0:FOR I=1 TO N1:PRINT "  - Dosi (";I;") ui/d : ";:INPUT;T(I)
1800 T=T+T(I):PRINT:NEXT I
1810 T=T/N1:PRINT:RETURN
1820 PRINT:INPUT "  Vols calcular.ne més [s/n] : ";A$
1830 IF A$="S" OR A$="s" THEN 1360
1840 IF A$="N" OR A$="n" THEN 1860
1850 BEEP:PRINT:PRINT "  T'has equivocat.":GOTO 1820
1860 PRINT:INPUT "  Vols imprimir els resultats [s/n] : ";A$:PRINT
1870 IF A$="S" OR A$="s" THEN 1900
1880 IF A$="N" OR A$="n" THEN 250
1890 BEEP:PRINT "  T'has equivocat.":PRINT:GOTO 1860
1900 LPRINT:LPRINT:LPRINT:LPRINT
1910 LPRINT TAB(23) "PACIENT  :  ";P$:LPRINT:LPRINT
1920 LPRINT TAB(10) "* - Insulinització exógena materna : ":LPRINT
1930 LPRINT "      - Dosi mitja trimestre 1 = ";INSEX1;" ui/kg/d":LPRINT
1940 LPRINT "      - Dosi mitja trimestre 2 = ";INSEX2;" ui/kg/d":LPRINT
1950 LPRINT "      - Dosi mitja trimestre 3 = ";INSEX3;" ui/kg/d":LPRINT
1960 LPRINT:LPRINT:LPRINT TAB(25) F2$
1970 GOTO 250
1980 REM Càlcul de la glucosa administrada en perfussió
1990 CLS
2000 LOCATE 5,23:PRINT "GLUCOSA  ADMINISTRADA  EN  PERFUSIO"
2010 PRINT TAB(23) "_____________________________":PRINT:PRINT
2020 PRINT TAB(25) "1.- Perfusió a la mare.":PRINT
2030 PRINT TAB(25) "2.- Perfusió al nadó.":PRINT
2040 PRINT TAB(25) "3.- Tornada al menú inicial.":PRINT:PRINT
2050 INPUT "                                  Opció : ";OC:PRINT
2060 IF OC=1 THEN 2100
2070 IF OC=2 THEN 2270
2080 IF OC=3 THEN 250
2090 BEEP:PRINT "  T'has equivocat.":PRINT:GOTO 2000
2100 INPUT "  -->  Pes matern al part (kg) : ";PESP:PRINT
2110 INPUT "  -->  % del serum glucosat    : ";SG:PRINT
2120 INPUT "  -->  Volum administrat (ml)  : ";VA:PRINT
2130 INPUT "  -->  Temps d'administraciò (min) : ";TA:PRINT
2140 GEXM=(VA*SG*10)/PESP/TA
2150 PRINT "  »  Glucosa exógena al part = ";GEXM;" mg/kg/min":PRINT
2160 INPUT "  Vols imprimir.la [s/n] : ";A$:PRINT
2170 IF A$="S" OR A$="s" THEN 2200
2180 IF A$="N" OR A$="n" THEN 1990
2190 BEEP:PRINT "  T'has equivocat.":PRINT:GOTO 2160
2200 XX=1 ' flag
2210 LPRINT:LPRINT:LPRINT
2220 LPRINT TAB(23) "PACIENT  :  ";P$:LPRINT:LPRINT
2230 LPRINT TAB(10) "* - Sobrecàrrega de glucosa en perfusions : ":LPRINT
2240 IF XX=0 THEN 2420
2250 LPRINT "      - Glucosa exògena materna = ";GEXM;" mg/kg/min":LPRINT
2260 GOTO 1990
2270 INPUT "  Has introduit el pes del nadó [s/n] : ";A$:PRINT
2280 IF A$="S" OR A$="s" THEN 2320
2290 IF A$="N" OR A$="n" THEN 2310
2300 BEEP:PRINT "  T'has equivocat.":PRINT:GOTO 2270
2310 INPUT "  -->  Pes del nadó (kg) : ";PESRN1:PRINT
2320 INPUT "  -->  % del serum glucosat : ";SG:PRINT
2330 INPUT "  -->  Ritme  (ml/h)  :  ";RIT:PRINT
2340 GEXRN=(SG*10*RIT)/PESRN1/60
2350 PRINT "  »  Glucosa exógena del nadó = ";GEXRN;" mg/kg/min":PRINT
2360 INPUT "  Vols imprimir.la [s/n] : ";A$:PRINT
2370 IF A$="S" OR A$="s" THEN 2400
2380 IF A$="N" OR A$="n" THEN 1990
2390 BEEEP:PRINT "  T'has equivocat.":PRINT:GOTO 2360
2400 IF XX=1 THEN LPRINT "      - Glucosa exògena del nadó = ";GEXRN;" mg/kg/min"
     :LPRINT:LPRINT:LPRINT TAB(25) F2$:GOTO 1990
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2410 IF XX=0 THEN 2210
2420 LPRINT "     - Glucosa exògena del nadó = ";GEXRN;" mg/kg/min"
2430 LPRINT:LPRINT:LPRINT TAB(25) F2$
2440 GOTO 1990
2450 REM  Transformacions interglucèmiques
2460 CLS
2470 LOCATE 5,23:PRINT "TRANSFORMACIONS  INTERGLUCEMIQUES"
2480 PRINT TAB(23)"_____":PRINT:PRINT
2490 PRINT TAB(23)"1.- Reflo v.s. Astra (60 <-> 400).":PRINT
2500 PRINT TAB(23)"2.- Reflo v.s. Astra (20 <-> 60).":PRINT
2510 PRINT TAB(23)"3.- Femoral v.s. Capilar.":PRINT
2520 PRINT TAB(23)"4.- Tornada al menú inicial.":PRINT:PRINT
2530 INPUT "                                    Opció : ";OC:PRINT
2540 IF OC=1 THEN 2590
2550 IF OC=2 THEN 2890
2560 IF OC=3 THEN 3190
2570 IF OC=4 THEN 250
2580 BEEP:PRINT "  T'has equivocat.":PRINT:GOTO 2530
2590 CLS
2600 LOCATE 5,28:PRINT "Interval : 60 <--> 400":PRINT :PRINT
2610 PRINT TAB(28) "1.- D'Astra a Reflo.":PRINT
2620 PRINT TAB(28) "2.- De Reflo a Astra.":PRINT
2630 PRINT TAB(28) "3.- Tornada menú anterior.":PRINT :PRINT
2640 INPUT "                                     Opció : ";OC:PRINT
2650 IF OC=1 THEN 2690
2660 IF OC=2 THEN 2790
2670 IF OC=3 THEN 2460
2680 BEEP:PRINT "  T'has equivocat.":PRINT:GOTO 2600
2690 INPUT "  Ingressa el valor de la glucémia Astra : "; GA:PRINT
2700 GR=(GA-10.07588)/.947089
2710 PRINT "  »  Glucémia Reflo = ";GR:PRINT
2720 INPUT "  Vols imprimir els resultats [s/n] : "; A$:PRINT
2730 IF A$="S" OR A$="s" THEN 2760
2740 IF A$="N" OR A$="n" THEN 2590
2750 BEEP:PRINT  "  T'has equivocat.":PRINT :GOTO 2720
2760 LPRINT
2770 LPRINT "  Pacient : ";P$;"  Glu. Astra = ";GA;" ≡ ";"Glu. Reflo = ";GR:
     LPRINT
2780 GOTO 2590
2790 INPUT "    Ingressa el valor de la glucémia Reflo : ";GR:PRINT
2800 GA=10.07588+(.947089*GR)
2810 PRINT "  Glucémia Astra = ";GA:PRINT
2820 INPUT "  Vols imprimir el resultat [s/n] : ";A$:PRINT
2830 IF A$="S" OR A$="s" THEN 2860
2840 IF A$="N" OR A$="n" THEN 2590
2850 BEEP:PRINT "  T'has equivocat.":PRINT:GOTO 2820
2860 LPRINT
2870 LPRINT "  Pacient : ";P$;"  Glu. Reflo = ";GR;" ≡ ";"Glu. Astra = ";GA:
     LPRINT
2880 GOTO 2590
2890 CLS
2900 LOCATE 5,28:PRINT "Interval 20 <--> 60":PRINT :PRINT
2910 PRINT TAB(28) "1.- D'Astra a Reflo.":PRINT
2920 PRINT TAB(28) "2.- De Reflo a Astra.":PRINT
2930 PRINT TAB(28) "3.- Tornada al menú anterior.":PRINT :PRINT
2940 INPUT "                                     Opció : ";OC:PRINT
2950 IF OC=1 THEN 2990
2960 IF OC=2 THEN 3090
2970 IF OC=3 THEN 2460
2980 BEEP:PRINT "  T'has equivocat.":PRINT :GOTO 2940
2990 INPUT "  Ingressa el valor de la glucémia Astra : ";GA:PRINT
3000 GR=(LOG(GA)-LOG(3.361466))/.051162
3010 PRINT "  »  Glucémia Reflo = ";GR:PRINT
3020 INPUT "  Vols imprimir el resultat [s/n] : ";A$
3030 IF A$="S" OR A$="s" THEN 3060
3040 IF A$="N" OR A$="n" THEN 2890
3050 BEEP:PRINT "  T'has equivocat.":PRINT :GOTO 3020
3060 LPRINT
3070 LPRINT "  Pacient : ";P$;"  Glu. Astra = ";GA;" ≡ ";"Glu. Reflo = ";GR:
     LPRINT
3080 GOTO 2890
3090 INPUT "  Ingressa el valor de la glucémia Reflo : ";GR:PRINT
3100 GA=3.361466*(EXP(.051162*GR))
3110 PRINT "  »  Glucémia Astra = ";GA:PRINT
3120 INPUT "  Vols imprimir el resultat [s/n] : ";A$:PRINT
3130 IF A$="S" OR A$="s" THEN 3170
3140 IF A$="N" OR A$="n" THEN 2890
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3150 BEEP:PRINT "  T'has equivocat.":PRINT :GOTO 3120
3160 LPRINT
3170 LPRINT "  Pacient : ";P$;"  Glu. Reflo = ";GR;" ≡ ";"Glu. Astra = ";GA:
     LPRINT
3180 GOTO 2890
3190 CLS
3200 LOCATE 5,23:PRINT "Transformació femoral v.s. capilar":PRINT :PRINT
3210 PRINT TAB(23) "1.- De capilar a femoral.":PRINT
3220 PRINT TAB(23) "2.- De femoral a capilar.":PRINT
3230 PRINT TAB(23) "3.- Tornada al menú anterior.":PRINT :PRINT
3240 INPUT "                                        Opció : ";OC:PRINT
3250 IF OC=1 THEN 3290
3260 IF OC=2 THEN 3390
3270 IF OC=3 THEN 2460
3280 BEEP:PRINT "  T'has equivocat.":PRINT :GOTO 3240
3290 INPUT "  Ingressa la glucémia capilar : ";GC:PRINT
3300 GF=1.953855+(.957204*GC)
3310 PRINT "  »  Glucémia femoral = ";GF:PRINT
3320 INPUT "  Vols imprimir el resultat [s/n] : ";A$:PRINT
3330 IF A$="S" OR A$="s" THEN 3360
3340 IF A$="N" OR A$="n" THEN 3190
3350 BEEP:PRINT "  T'has equivocat.":PRINT :GOTO 3320
3360 LPRINT
3370 LPRINT "  Pacient : ";P$;"  Glu. capilar = ";GC;" ≡ ";"Glu. femoral= ";GF:
     LPRINT
3380 GOTO 3190
3390 INPUT "  Ingressa la glucemia femoral : ";GF:PRINT
3400 GC=(GF-1.953855)/.957204
3410 PRINT "  »  Glucémia capilar = ";GC:PRINT
3420 INPUT "  Vols imprimir el resultat [s/n] : ";A$:PRINT
3430 IF A$="S" OR A$="s" THEN 3460
3440 IF A$="N" OR A$="n" THEN 3190
3450 BEEP:PRINT "  T'has equivocat.":PRINT :GOTO 3420
3460 LPRINT
3470 LPRINT "  Pacient : ";P$;"  Glu. femoral = ";GF;" ≡ ";"Glu. capilar = ";GC:
     LPRINT
3480 GOTO 3190
3490 REM Estudi del descens glucèmic:DIM X(10),Y(10)
3500 CLS:LOCATE 5,16
3510 PRINT TAB(16) "CINETICA  DEL  DESCENS  GLUCEMIC  1ª HORA DE VIDA"
3520 PRINT TAB(16) "_____________________________________________":PRINT:
     PRINT:PRINT
3530 PRINT TAB(25) "1.- Procés d'ordre 0.":PRINT
3540 PRINT TAB(25) "2.- Procés d'ordre 1.":PRINT
3550 PRINT TAB(25) "3.- Tornada al menú inicial.":PRINT:PRINT
3560 INPUT "                                        Opció : ";OC:PRINT
3570 IF OC=1 THEN 3610
3580 IF OC=2 THEN 3750
3590 IF OC=3 THEN 250
3600 BEEP:PRINT "  T'has equivocat.":PRINT:GOTO 3510
3610 INPUT "  -->  Nº de punts a regressionar : ";N2:PRINT
3620 PRINT "  Ingressa les parelles de dades, de forma que la primera (x) sigui
     el temps":PRINT
3630 PRINT "  en minuts i la segona (y) sigui la glucèmia en mg/dl.":PRINT
3640 FOR I=1 TO N2:PRINT"  · Parella (";I;") = ";:INPUT;X(I),Y(I):PRINT:NEXT
3650 GOSUB 3900
3660 PRINT:PRINT "  Els resultats de la regressió son els següents : ":PRINT
3670 PRINT "  »  Coeficient de correlació = ";R3:PRINT
3680 PRINT "  »  Pendent (b) = ";R1:PRINT
3690 PRINT "  »  Ordenada a l'origen (a) = ";R2:PRINT
3700 INPUT "  Vols imprimir els resultats [s/n] : ";A$:PRINT
3710 IF A$="S" OR A$="s" THEN 4000
3720 IF A$="N" OR A$="n" THEN 3500
3730 BEEP:PRINT "  T'has equivocat.":PRINT:GOTO 3700
3740 XXX=1:GOTO 3500 ' flag
3750 INPUT "  -->  Nº de punts a regressionar : ";N2:PRINT
3760 PRINT "  Ingressa les parelles de dades de forma que la primera (x) sigui el
     temps":PRINT
3770 PRINT "  en minuts i la segona (y) sigui la glucémia en mg/dl.":PRINT
3780 FOR I=1 TO N2:PRINT"  · Parella (";I;") = ";:INPUT;X(I),Y(I):PRINT:NEXT
3790 FOR I=1 TO N2:Y(I)=LOG(Y(I)):NEXT
3800 GOSUB 3900
3810 PRINT:PRINT"  Resultats de la regressió lineal : ":PRINT
3820 PRINT "  »  Coeficient de correlació = ";R3:PRINT
3830 PRINT "  »  Pendent  (b)  = ";R1:PRINT
3840 PRINT "  »  Ordenada a l'origen (a) = ";R2:PRINT
3850 PRINT "  »  Semivida de la glucosa  = ";ABS(LOG(2)/R1);" min ":PRINT
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3860 INPUT "  Vols imprimir els resultats [s/n] : ";A$:PRINT
3870 IF A$="N" OR A$="n" THEN 3500
3880 IF A$="S" OR A$="s" THEN 3990
3890 BEEEP:PRINT "  T'has equivocat.":PRINT:GOTO 3860
3900 REM Subrrutina de càlcul de regressió lineal
3910 J=0:K=0:L=0:M=0:R=0
3920 FOR I=1 TO N2
3930 J=J+X(I):K=K+Y(I):L=L+X(I)^2:M=M+Y(I)^2:R=R+X(I)*Y(I)
3940 NEXT I
3950 R1=(N2*R-J*K)/(N2*L-J^2)
3960 R2=(K/N2-(R1*(J/N2)))
3970 R3=(N2*R-J*K)/SQR((N2*L-J^2)*(N2*M-K^2))
3980 RETURN
3990 IF XXX=0 THEN YYY=1 'FLAG
4000 IF XXX=1 THEN 4090
4010 LPRINT:LPRINT:LPRINT:LPRINT
4020 LPRINT TAB(23) "PACIENT  :  ";P$:LPRINT:LPRINT
4030 LPRINT TAB(10) "* - Estudi cinétic del descens glucémic : ":LPRINT
4040 IF YYY=1 THEN 4090
4050 LPRINT "     1.- Procés d'ordre 0 : ":LPRINT
4060 LPRINT "           - Coeficient de correlació = ";R3:LPRINT
4070 LPRINT "           - Descens glucémic  = ";ABS(R1);" mg/dl/min":LPRINT
4080 IF XXX=0 THEN GOTO 3740
4090 LPRINT:LPRINT "     2.- Procés d'ordre 1 : ":LPRINT
4100 LPRINT "           - Coeficient de correlació = ";R3:LPRINT
4110 LPRINT "           - Vida mitja de la glucosa = ";ABS(LOG(2)/R1);" min":
     LPRINT
4120 LPRINT:LPRINT:LPRINT TAB(25) F2$
4130 GOTO 3500
4140 REM Càlcul de les sobrecàrregues de glucosa
4150 CLS:LOCATE 7,18
4160 PRINT "CALCUL  DE  LES  SOBRECARREGUES  DE  GLUCOSA"
4170 PRINT TAB(18) "_____________________________________________":PRINT:PRINT
4180 PRINT:PRINT TAB(23) "1.- Càlcul de les sobrecàrregues.":PRINT:PRINT
4190 PRINT TAB(23) "2.- Tornada al Menú inicial.":PRINT:PRINT
4200 PRINT:INPUT "                                                Opció : ";OC:PRINT
4210 IF OC=1 THEN 4240
4220 IF OC=2 THEN 250
4230 BEEP:PRINT "  T'has equivocat.":PRINT:GOTO 4150
4240 D$="Dia "
4250 INPUT "  -->  Nº de curves de sobrecàrrega a calcular : ";N3:PRINT
4260 IF N3=0 THEN 250
4270 IF N3<1 OR N3>3 THEN 4250
4280 IF N3=3 THEN 4300
4290 FOR I=1 TO N3:PRINT TAB(5) D$;:INPUT;DD$:DDD$(I)=D$+DD$:PRINT:NEXT:GOTO 4320
4300 ND$(1)="2":ND$(2)="4":ND$(3)="7"
4310 FOR I=1 TO 3:DDD$(I)=D$+ND$(I):NEXT I
4320 FOR I=1 TO N3
4330 PRINT:PRINT "  Sobrecàrrega del ";DDD$(I):PRINT
4340 INPUT "  -->  Glucèmia basal (mg/dl) :";GB:PRINT
4350 INPUT "  -->  Nº de determinacions glucèmiques : ";N4:PRINT
4360 GT=0:TT=0
4370 FOR J=1 TO N4-1
4380 INPUT "  -->  Glucemia 1 : ";G1:PRINT
4390 INPUT "  -->  Glucemia 2 : ";G2:PRINT
4400 INPUT "  -->  Interval de temps (min) : ";T:PRINT
4410 GP=(G1+G2/2)*T:GT=GT+GP:TT=TT+T
4420 NEXT J
4430 EG(I)=GT-(GB*TT)
4440 PRINT "  »  Estímul glucémic ";DDD$(I);" = ";EG(I):PRINT
4450 NEXT I
4460 INPUT "  Vols imprimir les dades [s/n] : ";A$
4470 IF A$="S" OR A$="s" THEN 4500
4480 IF A$="N" OR A$="n" THEN 250
4490 BEEP:PRINT "  T'has equivocat.":PRINT:GOTO 4460
4500 LPRINT:LPRINT:LPRINT:LPRINT
4510 LPRINT TAB(23) "PACIENT  :  ";P$:LPRINT:LPRINT
4520 LPRINT TAB(10) "* - Determinació de la sobrecàrrega de glucèmia : ":LPRINT
4530 FOR I=1 TO N3
4540 LPRINT "     - Estímul glucèmic ";DDD$(I);" = ";EG(I)
4550 LPRINT
4560 NEXT I
4570 LPRINT:LPRINT:LPRINT TAB(25) F2$
4580 GOTO 250
4590 REM Càlcul de ratios molars i unitats internacionals
4600 CLS:LOCATE 6,13
4610 PRINT "CALCUL  DE  RATIOS  MOLARS  I  UNITATS  INTERNACIONALS"
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4620 PRINT TAB(13) "_____________________________________________________":
     PRINT:PRINT:PRINT
4630 PRINT TAB(20) "1.- Obtenció de Ratios molars.":PRINT
4640 PRINT TAB(20) "2.- Variacions entre Ratios molars.":PRINT
4650 PRINT TAB(20) "3.- Tornada al menú inicial.":PRINT:PRINT
4660 INPUT "                                    Opció : ";OC:PRINT
4670 IF OC=1 THEN 4710
4680 IF OC=2 THEN 5460
4690 IF OC=3 THEN 250
4700 BEEP:PRINT "  T'has equivocat.":PRINT:GOTO 4600
4710 INPUT "  --> Nº de situacions a calcular : ";N5:PRINT
4720 R2$(1)=" materna ":R2$(2)=" cordó ":R2$(3)=" 60 min ":R2$(4)=" dia 2A ":
     R2$(5)=" dia 2D "
4730 R1$(1)="  Glucèmia (mg/dl) ":R1$(2)="  Insulinemia (µu/ml) ":R1$(3)="
     Pèptid-C (ng/ml) ":R1$(4)="  Glucagó (pg/ml) "
4740 R1$(5)="  Ratio IRI/G ":R1$(6)="  Ratio CPR/G ":R1$(7)="  Ratio IRG/G ":
     R1$(8)="  Ratio IRI/CPR ":R1$(9)="  Ratio IRI/IRG ":
     R1$(10)="  Ratio CPR/IRG"
4750 R2$(6)=" dia 4A ":R2$(7)=" dia 4D ":R2$(8)=" dia 7A ":R2$(9)=" dia 7D "
4760 IF N5<1 OR N5>9 THEN GOTO 4710
4770 IF N5=9 THEN FOR I=1 TO 9:R3$(I)=R2$(I):NEXT I:GOTO 4870
4780 K=1
4790 FOR I=1 TO 9
4800 PRINT TAB(10) R2$(I);" [s/n] : ";:INPUT;A$:PRINT
4810 IF A$="N" OR A$="n" THEN 4860
4820 IF A$<>"S" AND A$<>"s" THEN 4800
4830 R3$(K)=R2$(I)
4840 IF K=N5 THEN I=9
4850 K=K+1
4860 NEXT I
4870 FOR K=1 TO N5:FOR J=1 TO 10
4880 R$(K,J)=R1$(J)+R3$(K):NEXT J:NEXT K
4890 FOR K=1 TO N5: PRINT:PRINT TAB(10) "Situació : ";R3$(K):PRINT
4900 FOR J=1 TO 4
4910 PRINT TAB(5) R$(K,J);:INPUT;OP(K,J):PRINT
4920 NEXT J
4930 PRINT :NEXT K
4940 CLS:PRINT:PRINT "  Situació     Glucèmia     Insulinemia    Péptid-C
     Glucagó"
4950 PRINT : FOR K=1 TO N5:PRINT "   ";R3$(K),
4960 FOR J=1 TO 4:PRINT  OP(K,J),:NEXT J
4970 PRINT : NEXT K
4980 INPUT "  Son aquestes les dades que vols procesar [s/n] : ";A$:PRINT
4990 IF A$="S" OR A$="s" THEN 5070
5000 IF A$="N" OR A$="n" THEN 5020
5010 BEEP:PRINT "  T'has equivocat.":PRINT:GOTO 4980
5020 PRINT "  Ingressa la columna ( 1--> 4 ) i la fila ( 1-->";N5;") de la dada a
     canviar.":PRINT
5030 PRINT "  Utilitza una coma per separarles. Valors ";:INPUT J,K:PRINT
5040 PRINT:PRINT "  La situació ";R1$(J);R3$(K);" equivocada es : ";OP(K,J):PRINT
5050 INPUT "  Ingressa el nou valor : ";OP(K,J):PRINT
5060 GOTO 4940
5070 SI$=" (s.i.: ":NM$=" nmol/l )":FOR K=1 TO N5:CLS:PRINT
5080 GI(K)=OP(K,1)*55555.5:PRINT TAB(5)R$(K,1);" = ";OP(K,1);SI$;GI(K);NM$:PRINT
5090 IRI(K)=OP(K,2)*.0069:PRINT TAB(5)R$(K,2);" = ";OP(K,2);SI$;IRI(K);NM$:PRINT
5100 CP(K)=OP(K,3)*.331:PRINT TAB(5)R$(K,3);" = ";OP(K,3);SI$;CP(K);NM$:PRINT
5110 IRG(K)=OP(K,4)*.000287:PRINT TAB(5)R$(K,4);" = ";OP(K,4);SI$;IRG(K);NM$:
     PRINT
5120 IF GI(K)=0 THEN 5160
5130 RIRIG(K)=IRI(K)/GI(K):PRINT TAB(5)R$(K,5);" = ";RIRIG(K):PRINT
5140 RCPG(K)=CP(K)/GI(K):PRINT TAB(5)R$(K,6);" = ";RCPG(K):PRINT
5150 RIRGG(K)=IRG(K)/GI(K):PRINT TAB(5)R$(K,7);" = ";RIRGG(K):PRINT
5160 IF CP(K)=0 THEN 5180
5170 RIRICP(K)=IRI(K)/CP(K):PRINT TAB(5)R$(K,8);" = ";RIRICP(K):PRINT
5180 IF IRG(K)=0 THEN 5210
5190 RIRIRG(K)=IRI(K)/IRG(K):PRINT TAB(5)R$(K,9);" = ";RIRIRG(K):PRINT
5200 RCPIRG(K)=CP(K)/IRG(K):PRINT TAB(5)R$(K,10);" = ";RCPIRG(K):PRINT
5210 PRINT:INPUT "     Vols imprimir els resultats [s/n] : ";A$:PRINT
5220 IF A$="S" OR A$="s" THEN 5250
5230 IF A$="N" OR A$="n" THEN 5440
5240 BEEP:PRINT "  T'has equivocat.":PRINT:GOTO 5210
5250 IF YY=1 THEN 5300
5260 LPRINT:LPRINT:LPRINT:LPRINT
5270 LPRINT TAB(23) "PACIENT  :  ";P$:LPRINT:LPRINT
5280 LPRINT TAB(10) "* - Ratios molars i unitats internacionals : ":LPRINT
5290 YY=1
5300 LPRINT F$;R$(K,1);" = ";OP(K,1);SI$;GI(K);NM$
```

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5310 LPRINT F$;R$(K,2);" = ";OP(K,2);SI$;IRI(K);NM$
5320 LPRINT F$;R$(K,3);" = ";OP(K,3);SI$;CP(K);NM$
5330 LPRINT F$;R$(K,4);" = ";OP(K,4);SI$;IRG(K);NM$
5340 IF GI(K)=0 THEN 5380
5350 LPRINT F$;R$(K,5);" = ";RIRIG(K)
5360 LPRINT F$;R$(K,6);" = ";RCPG(K)
5370 LPRINT F$;R$(K,7);" = ";RIRGG(K)
5380 IF CP(K)=0 THEN 7875
5390 LPRINT F$;R$(K,8);" = ";RIRICP(K)
5400 IF IRG(K)=0 THEN 5430
5410 LPRINT F$;R$(K,9);" = ";RIRIRG(K)
5420 LPRINT F$;R$(K,10);" = ";RCPIRG(K)
5430 LPRINT:LPRINT TAB(25) F2$:LPRINT
5440 NEXT K
5450 GOTO 4600
5460 CLS
5470 IF R3$(1)=R2$(1) THEN FL=1
5480 FOR K=1 TO N5 STEP 2:CLS:PRINT
5490 IF FL=1 THEN K=2
5500 PRINT "  Variacions entre ratios. Situació : ";R3$(K);" vs. ";R3$(K+1):PRINT
5510 INPUT "  Vols calcular aquesta situació [s/n] : ";A$:PRINT
5520 IF A$="S" OR A$="s" THEN 5550
5530 IF A$="N" OR A$="n" THEN 5910
5540 BEEP:PRINT "  T'has equivocat.":PRINT:GOTO 5500
5550 IF RIRIG(K)=0 OR RIRIG(K+1)=0 THEN 5570
5560 INC1=RIRIG(K+1)-RIRIG(K):PRINT F$;" ^D ";R1$(5);" = ";INC1:PRINT
5570 IF RCPG(K)=0 OR RCPG(K+1)=0 THEN 5590
5580 INC2=RCPG(K+1)-RCPG(K):PRINT F$;" ^D ";R1$(6);" = ";INC2:PRINT
5590 IF RIRGG(K)=0 OR RIRGG(K+1)=0 THEN 5610
5600 INC3=RIRGG(K+1)-RIRGG(K):PRINT F$;" ^D ";R1$(7);" = ";INC3:PRINT
5610 IF RIRICP(K)=0 OR RIRICP(K+1)=0 THEN 5630
5620  INC4=RIRICP(K+1)-RIRICP(K):PRINT F$;" ^D ";R1$(8);" = ";INC4:PRINT
5630 IF RIRIRG(K)=0 OR RIRIRG(K+1)=0 THEN 5650
5640 INC5=RIRIRG(K+1)-RIRIRG(K):PRINT F$;" ^D ";R1$(9);" = ";INC5:PRINT
5650 IF RCPIRG(K)=0 OR RCPIRG(K+1)=0 THEN 5670
5660 INC6=RCPIRG(K+1)-RCPIRG(K):PRINT F$;" ^D ";R1$(10);" = ";INC6:PRINT
5670 INPUT "  Vols imprimir les dades [s/n] : ";A$:PRINT
5680 IF A$="N" OR A$="n" THEN 5900
5690 IF A$="S" OR A$="s" THEN 5710
5700 BEEP:PRINT "  T'has equivocat.":PRINT:GOTO 5670
5710 IF ZZ=1 THEN 5760
5720 LPRINT:LPRINT:LPRINT:LPRINT
5730 LPRINT TAB(23) "PACIENT  :  ";P$:LPRINT:LPRINT
5740 LPRINT TAB(10) "* - Variacions entre ratios : "
5750 ZZ=1
5760 LPRINT:LPRINT "     - Situació : ";R2$(K);" vs. ";R2$(K+1):LPRINT
5770 IF RIRIG(K)=0 OR RIRIG(K+1)=0 THEN 5790
5780 LPRINT F$;" ^D ";R1$(5);" = ";INC1
5790 IF RCPG(K)=0 OR RCPG(K+1)=0 THEN 5810
5800 LPRINT F$;" ^D ";R1$(6);" = ";INC2
5810 IF RIRGG(K)=0 OR RIRGG(K+1)=0 THEN 5830
5820 LPRINT F$;" ^D ";R1$(7);" = ";INC3
5830 IF RIRICP(K)=0 OR RIRICP(K+1)=0 THEN 5850
5840 LPRINT F$;" ^D ";R1$(8);" = ";INC4
5850 IF RIRIRG(K)=0 OR RIRIRG(K+1)=0 THEN 5870
5860 LPRINT F$;" ^D ";R1$(9);" = ";INC5
5870 IF RCPIRG(K)=0 OR RCPIRG(K+1)=0 THEN 5890
5880 LPRINT F$;" ^D ";R1$(10);" = ";INC6
5890 LPRINT:LPRINT TAB(25) F2$
5900 FL=0
5910 NEXT K
5920 GOTO 4600
5930 REM calcul nou malalt
5940 CLEAR
5950 CLS:LOCATE 7:LPRINT CHR$(12)
5960 PRINT TAB(21) "Et creies que ja s'havia acabat, ehhh?.":PRINT
5970 PRINT TAB(21) "Doncs apa, torna a començar de nou !!!!":PRINT:PRINT:PRINT
5980 GOTO 130
5990 CLS:LOCATE 7
6000 PRINT TAB(20)"Bé, sembla que ja hem acabat per avui!!.":PRINT:PRINT
6010 PRINT TAB(19)"Deixa tot endreçat i recull els resultats."
6020 LOCATE 14,26:PRINT"EXPRESSIONS !!!. FINS AVIAT."
6030 LOCATE 19,45:COLOR 4:PRINT "IBM PC - XT"
6040 PRINT TAB(45)"__________":LOCATE 23:COLOR 14:KEY ON:END
```

ANEXO II

CORRELACIONES BIVARIADAS

CORRELACIONES BIVARIADAS

(Coefficient / (Cases) / 1-tailed Significance)

" . " is printed if a coefficient cannot be computed

Correlations:	NUMGEST	EDADMAT	TALLAMAT	PESMATH	PESMATT	PESMAT1T
NUMGEST	1.0000	.5771	-.0561	.5058	.3759	.5408
	(0)	(100)	(95)	(95)	(95)	(28)
	P= .	P= .000	P= .294	P= .000	P= .000	P= .001
EDADMAT	.5771	1.0000	-.1901	.2740	.5484	.4104
	(100)	(0)	(95)	(95)	(95)	(28)
	P= .000	P= .	P= .033	P= .004	P= .000	P= .015
TALLAMAT	-.0561	-.1901	1.0000	.2665	.6545	.2234
	(95)	(95)	(0)	(93)	(95)	(28)
	P= .294	P= .033	P= .	P= .005	P= .000	P= .127
PESMATH	.5058	.2740	.2665	1.0000	.4095	.9883
	(95)	(95)	(93)	(0)	(93)	(28)
	P= .000	P= .004	P= .005	P= .	P= .000	P= .000
PESMATT	.3759	.5484	.6545	.4095	1.0000	.4001
	(95)	(95)	(95)	(93)	(0)	(28)
	P= .000	P= .000	P= .000	P= .000	P= .	P= .017
PESMAT1T	.5408	.4104	.2234	.9883	.4001	1.0000
	(28)	(28)	(28)	(28)	(28)	(0)
	P= .001	P= .015	P= .127	P= .000	P= .017	P= .
PESMAT2T	.5222	.2779	.2226	.9653	.4718	.9915
	(62)	(62)	(61)	(62)	(61)	(28)
	P= .000	P= .014	P= .042	P= .000	P= .000	P=0.0
PESMAT3T	.4907	.2252	.3406	.9291	.4678	.9610
	(83)	(83)	(82)	(81)	(82)	(28)
	P= .000	P= .020	P= .001	P= .000	P= .000	P= .000
PESMATP	.4654	.1883	.3993	.9228	.4815	.9533
	(87)	(87)	(85)	(84)	(85)	(28)
	P= .000	P= .040	P= .000	P= .000	P= .000	P= .000
PESMATMX	.4932	.2044	.3990	.9264	.4865	.9538
	(86)	(86)	(85)	(84)	(85)	(28)
	P= .000	P= .030	P= .000	P= .000	P= .000	P= .000
PSSEMAT	.5246	.3817	-.0727	.7307	.2757	.8547
	(58)	(58)	(57)	(57)	(57)	(15)
	P= .000	P= .002	P= .295	P= .000	P= .019	P= .000
PSTRMAT	.4685	.1772	.2077	.7010	.3759	.6909
	(58)	(58)	(57)	(57)	(57)	(15)
	P= .000	P= .092	P= .060	P= .000	P= .002	P= .002
INSEX1T	-.1072	.0112	-.1711	-.1189	-.1661	-.0705
	(11)	(11)	(11)	(11)	(11)	(11)
	P= .377	P= .487	P= .307	P= .364	P= .313	P= .418
INSEX2T	-.3040	-.2588	.2609	-.2236	.0685	.2156
	(22)	(22)	(22)	(22)	(22)	(15)
	P= .084	P= .122	P= .120	P= .159	P= .381	P= .220
INSEX3T	-.4932	-.5091	.3188	-.3788	-.1544	.0533
	(35)	(35)	(35)	(34)	(35)	(15)
	P= .001	P= .001	P= .031	P= .014	P= .188	P= .425
HBGL1CN	.1383	.5118	.0976	.3167	.4103	.4640
	(14)	(14)	(14)	(14)	(14)	(13)
	P= .319	P= .031	P= .370	P= .135	P= .073	P= .055

Correlations:	NUMGEST	EDADMAT	TALLAMAT	PESMATH	PESMATT	PESMAT1T
HBGL2CN	-.1816	-.1939	.3939	-.0772	.2248	.0874
	(31)	(31)	(31)	(31)	(31)	(15)
	P= .164	P= .148	P= .014	P= .340	P= .112	P= .378
HBGL3CN	-.0972	-.1209	.0164	-.0242	-.0550	.0187
	(54)	(54)	(54)	(53)	(54)	(19)
	P= .242	P= .192	P= .453	P= .432	P= .346	P= .470
HBGLUSCN	-.1494	-.0170	-.0329	-.0168	-.1346	-.2025
	(32)	(32)	(32)	(32)	(32)	(10)
	P= .207	P= .463	P= .429	P= .464	P= .231	P= .287
HBGLMATP	.0381	-.0754	-.0214	.1132	-.0525	-.0270
	(98)	(98)	(93)	(93)	(93)	(28)
	P= .355	P= .230	P= .419	P= .140	P= .309	P= .446
GLEXMATP	-.0775	-.0520	-.0159	-.1842	-.0828	-.1464
	(77)	(77)	(76)	(77)	(76)	(26)
	P= .252	P= .327	P= .446	P= .054	P= .239	P= .238
INSEXPAR	-.3262	-.4303	.2379	-.2468	-.1242	.0534
	(33)	(33)	(32)	(33)	(32)	(15)
	P= .032	P= .006	P= .095	P= .083	P= .249	P= .425
ACIRIMCN	-.1417	-.0665	.2493	-.1409	.2407	.4066
	(24)	(24)	(24)	(24)	(24)	(11)
	P= .254	P= .379	P= .120	P= .256	P= .129	P= .107
GLMATP	-.0176	-.0520	.2026	.0821	.1341	.2336
	(81)	(81)	(77)	(79)	(77)	(23)
	P= .438	P= .322	P= .039	P= .236	P= .123	P= .142
IRIMATP	.0414	-.0768	.1813	.2274	.1447	.5369
	(75)	(75)	(71)	(73)	(71)	(21)
	P= .362	P= .256	P= .065	P= .026	P= .114	P= .006
CPMATP	.1409	-.0932	.2282	.3500	.1374	.8501
	(64)	(64)	(60)	(62)	(60)	(17)
	P= .133	P= .232	P= .040	P= .003	P= .147	P= .000
IRGMATP	.0684	-.0874	-.0556	-.0351	-.1077	.1940
	(62)	(62)	(58)	(60)	(58)	(17)
	P= .299	P= .250	P= .339	P= .395	P= .210	P= .228
PESPLA	.0122	-.0098	.2875	.2111	.1932	.1439
	(96)	(96)	(91)	(91)	(91)	(26)
	P= .453	P= .462	P= .003	P= .022	P= .033	P= .242
EGRN	.0637	-.0700	.2311	.1722	.0663	.0969
	(100)	(100)	(95)	(95)	(95)	(28)
	P= .265	P= .245	P= .012	P= .048	P= .262	P= .312
PESRN	.0167	-.0166	.3685	.1409	.2338	.2496
	(100)	(100)	(95)	(95)	(95)	(28)
	P= .435	P= .435	P= .000	P= .087	P= .011	P= .100
PESMINRN	.0493	-.0027	.3454	.1630	.2141	.1561
	(95)	(95)	(90)	(90)	(90)	(25)
	P= .318	P= .490	P= .000	P= .062	P= .021	P= .228
LONGRN	.0029	-.1065	.3184	.1080	.1930	-.0605
	(99)	(99)	(94)	(94)	(94)	(27)
	P= .489	P= .147	P= .001	P= .150	P= .031	P= .382
PCRN	.0996	.0187	.1793	.1507	.1158	.3391
	(97)	(97)	(92)	(92)	(92)	(26)
	P= .166	P= .428	P= .044	P= .076	P= .136	P= .045
PSSERN	.0748	.0305	.1408	.1784	.1145	.1836
	(67)	(67)	(64)	(65)	(64)	(18)
	P= .274	P= .403	P= .134	P= .078	P= .184	P= .233

Correlations:	NUMGEST	EDADMAT	TALLAMAT	PESMATH	PESMATT	PESMAT1T
PSTRRN	.1477	.1557	.1857	.2092	.2022	.0261
	(67)	(67)	(64)	(65)	(64)	(18)
	P= .117	P= .104	P= .071	P= .047	P= .055	P= .459
GLCORD	-.0290	.0136	.1219	-.0011	.1168	-.0317
	(87)	(87)	(83)	(84)	(83)	(25)
	P= .395	P= .450	P= .136	P= .496	P= .147	P= .440
IRICORD	-.1397	-.1375	.1798	-.0664	.0668	.1460
	(87)	(87)	(83)	(84)	(83)	(26)
	P= .098	P= .102	P= .052	P= .274	P= .274	P= .238
CPCORD	-.1990	-.1397	.1393	.0181	.0617	.1249
	(87)	(87)	(83)	(84)	(83)	(26)
	P= .032	P= .098	P= .105	P= .435	P= .290	P= .272
IRGCORD	.0652	-.0769	.0229	-.0081	-.0754	.0366
	(86)	(86)	(82)	(83)	(82)	(25)
	P= .276	P= .241	P= .419	P= .471	P= .250	P= .431
ACIRICOR	-.0922	-.1989	-.0261	-.0536	-.2233	.3846
	(13)	(13)	(13)	(13)	(13)	(7)
	P= .382	P= .257	P= .466	P= .431	P= .232	P= .197
HBFCORD	.0744	-.0776	-.1581	-.2731	-.2363	-.6824
	(39)	(39)	(35)	(37)	(35)	(12)
	P= .326	P= .319	P= .182	P= .051	P= .086	P= .007
GLMIN1H	.0173	.1169	-.0181	-.0134	-.0392	-.1265
	(85)	(85)	(81)	(82)	(81)	(25)
	P= .438	P= .143	P= .436	P= .453	P= .364	P= .273
IRI1H	-.1040	-.0489	.2070	-.0404	.1232	.1554
	(83)	(83)	(79)	(80)	(79)	(25)
	P= .175	P= .330	P= .034	P= .361	P= .140	P= .229
CP1H	-.1014	-.0237	.1616	-.0624	.0793	-.0292
	(85)	(85)	(81)	(82)	(81)	(25)
	P= .178	P= .415	P= .075	P= .289	P= .241	P= .445
IRG1H	.0421	-.1328	.0310	-.0787	-.1165	.0760
	(81)	(81)	(77)	(78)	(77)	(24)
	P= .354	P= .119	P= .394	P= .247	P= .156	P= .362
SEMGL1H	.1382	.0907	-.1931	-.0256	-.1495	.1709
	(82)	(82)	(78)	(79)	(78)	(25)
	P= .108	P= .209	P= .045	P= .411	P= .096	P= .207
PHFET	.0427	-.0689	-.0447	-.0560	-.0956	.0139
	(99)	(99)	(95)	(95)	(95)	(28)
	P= .337	P= .249	P= .334	P= .295	P= .178	P= .472
EBFET	.2235	.2245	-.0166	.0724	.1158	-.2175
	(98)	(98)	(94)	(94)	(94)	(28)
	P= .013	P= .013	P= .437	P= .244	P= .133	P= .133
VISDIAB	-.4801	-.3920	.0297	-.3514	-.2978	-.4567
	(51)	(51)	(51)	(51)	(51)	(17)
	P= .000	P= .002	P= .418	P= .006	P= .017	P= .033
PESP50RN	.0867	.0111	.2449	.1879	.1078	.0808
	(100)	(100)	(95)	(95)	(95)	(28)
	P= .196	P= .456	P= .008	P= .034	P= .149	P= .341
GLUPREMX	.1398	.1131	-.0140	.1162	.1835	.2047
	(28)	(28)	(28)	(27)	(28)	(14)
	P= .239	P= .283	P= .472	P= .282	P= .175	P= .241
GLUPROMP	.0863	.1573	-.0298	.2247	.2374	.2091
	(26)	(26)	(26)	(25)	(26)	(14)
	P= .338	P= .221	P= .443	P= .140	P= .121	P= .237

Correlations:	PESMAT2T	PESMAT3T	PESMATP	PESMATMX	PSSEMAT	PSTRMAT
NUMGEST	.5222	.4907	.4654	.4932	.5246	.4685
	(62)	(83)	(87)	(86)	(58)	(58)
	P= .000	P= .000	P= .000	P= .000	P= .000	P= .000
EDADMAT	.2779	.2252	.1883	.2044	.3817	.1772
	(62)	(83)	(87)	(86)	(58)	(58)
	P= .014	P= .020	P= .040	P= .030	P= .002	P= .092
TALLAMAT	.2226	.3406	.3993	.3990	-.0727	.2077
	(61)	(82)	(85)	(85)	(57)	(57)
	P= .042	P= .001	P= .000	P= .000	P= .295	P= .060
PESMATH	.9653	.9291	.9228	.9264	.7307	.7010
	(62)	(81)	(84)	(84)	(57)	(57)
	P= .000	P= .000	P= .000	P= .000	P= .000	P= .000
PESMATT	.4718	.4678	.4815	.4865	.2757	.3759
	(61)	(82)	(85)	(85)	(57)	(57)
	P= .000	P= .000	P= .000	P= .000	P= .019	P= .002
PESMAT1T	.9915	.9610	.9533	.9538	.8547	.6909
	(28)	(28)	(28)	(28)	(15)	(15)
	P=0.0	P= .000	P= .000	P= .000	P= .000	P= .002
PESMAT2T	1.0000	.9810	.9658	.9748	.8240	.7833
	(0)	(62)	(62)	(62)	(37)	(37)
	P= .	P= .000	P= .000	P= .000	P= .000	P= .000
PESMAT3T	.9810	1.0000	.9945	.9959	.7596	.7787
	(62)	(0)	(82)	(82)	(49)	(49)
	P= .000	P= .	P= .000	P= .000	P= .000	P= .000
PESMATP	.9658	.9945	1.0000	.9967	.7486	.7495
	(62)	(82)	(0)	(86)	(52)	(52)
	P= .000	P= .000	P= .	P= .000	P= .000	P= .000
PESMATMX	.9748	.9959	.9967	1.0000	.7551	.7536
	(62)	(82)	(86)	(0)	(52)	(52)
	P= .000	P= .000	P= .000	P= .	P= .000	P= .000
PSSEMAT	.8240	.7596	.7486	.7551	1.0000	.7537
	(37)	(49)	(52)	(52)	(0)	(58)
	P= .000	P= .000	P= .000	P= .000	P= .	P= .000
PSTRMAT	.7833	.7787	.7495	.7536	.7537	1.0000
	(37)	(49)	(52)	(52)	(58)	(0)
	P= .000	P= .000	P= .000	P= .000	P= .000	P= .
INSEX1T	-.0946	-.1400	-.1021	-.0834	-.3264	-.2383
	(11)	(11)	(11)	(11)	(8)	(8)
	P= .391	P= .341	P= .383	P= .404	P= .215	P= .285
INSEX2T	-.1509	-.1595	-.1488	-.1408	-.4807	-.3021
	(22)	(22)	(22)	(22)	(15)	(15)
	P= .251	P= .239	P= .254	P= .266	P= .035	P= .137
INSEX3T	-.3908	-.3925	-.3562	-.3607	-.6155	-.3791
	(30)	(35)	(35)	(35)	(20)	(20)
	P= .016	P= .010	P= .018	P= .017	P= .002	P= .050
HBGL1CN	.3975	.3492	.3143	.3420	.1743	.2920
	(14)	(14)	(14)	(14)	(10)	(10)
	P= .080	P= .111	P= .137	P= .116	P= .315	P= .206
HBGL2CN	-.0553	-.0329	-.0228	-.0273	-.3526	-.1448
	(31)	(31)	(31)	(31)	(21)	(21)
	P= .384	P= .430	P= .451	P= .442	P= .058	P= .266
HBGL3CN	.0111	.0093	.0064	.0143	-.2966	-.1619
	(46)	(53)	(53)	(53)	(34)	(34)
	P= .471	P= .474	P= .482	P= .460	P= .044	P= .180

HBGLUSCN	.0048	-.0258	-.0320	.0165	-.3243	-.2729
	(29)	(32)	(32)	(32)	(23)	(23)
	P= .490	P= .444	P= .431	P= .464	P= .066	P= .104
HBGLMATP	.2048	.1384	.1013	.1352	.0254	.0890
	(61)	(81)	(85)	(84)	(58)	(58)
	P= .057	P= .109	P= .178	P= .110	P= .425	P= .253
GLEXMATP	-.1638	-.1851	-.1438	-.1397	-.0312	.0342
	(56)	(70)	(73)	(73)	(47)	(47)
	P= .114	P= .062	P= .112	P= .119	P= .418	P= .410
INSEXPAR	-.2221	-.2566	-.2375	-.2329	-.3290	-.3086
	(29)	(33)	(33)	(33)	(20)	(20)
	P= .123	P= .075	P= .092	P= .096	P= .078	P= .093
ACIRIMCN	.0234	-.0493	-.0236	-.0219	-.2232	-.2212
	(21)	(24)	(24)	(24)	(19)	(19)
	P= .460	P= .410	P= .456	P= .460	P= .179	P= .181
GLMATP	.1467	.0829	.1575	.1623	.1175	.2705
	(53)	(68)	(71)	(71)	(51)	(51)
	P= .147	P= .251	P= .095	P= .088	P= .206	P= .027
IRIMATP	.2588	.1900	.2358	.2275	.2596	.2846
	(47)	(62)	(65)	(65)	(50)	(50)
	P= .039	P= .070	P= .029	P= .034	P= .034	P= .023
CPMATP	.4155	.5028	.5125	.5041	.4521	.4927
	(43)	(54)	(57)	(57)	(52)	(52)
	P= .003	P= .000	P= .000	P= .000	P= .000	P= .000
IRGMATP	-.0052	.0078	.0074	-.0064	.0604	.0797
	(42)	(53)	(56)	(56)	(50)	(50)
	P= .487	P= .478	P= .478	P= .481	P= .338	P= .291
PESPLA	.1604	.2116	.2377	.2478	-.0288	.0192
	(59)	(79)	(83)	(82)	(57)	(57)
	P= .112	P= .031	P= .015	P= .012	P= .416	P= .444
EGRN	.1548	.2886	.3064	.3168	.0588	.0649
	(62)	(83)	(87)	(86)	(58)	(58)
	P= .115	P= .004	P= .002	P= .001	P= .330	P= .314
PESRN	.0910	.2266	.2641	.2735	.0168	.0381
	(62)	(83)	(87)	(86)	(58)	(58)
	P= .241	P= .020	P= .007	P= .005	P= .450	P= .388
PESMINRN	.0889	.2271	.2594	.2838	.0617	.0501
	(57)	(78)	(82)	(81)	(56)	(56)
	P= .255	P= .023	P= .009	P= .005	P= .326	P= .357
LONGRN	.0237	.1437	.1892	.1849	-.0135	.0358
	(61)	(82)	(86)	(85)	(58)	(58)
	P= .428	P= .099	P= .041	P= .045	P= .460	P= .395
PCRN	.1591	.2227	.2346	.2462	.1659	.1371
	(59)	(80)	(84)	(83)	(58)	(58)
	P= .114	P= .024	P= .016	P= .012	P= .107	P= .152
PSSERN	.1140	.1653	.2247	.2240	.1860	.1401
	(43)	(56)	(59)	(59)	(58)	(58)
	P= .233	P= .112	P= .044	P= .044	P= .081	P= .147
PSTRRN	-.0324	.1261	.1791	.1797	.2184	.0993
	(43)	(56)	(59)	(59)	(58)	(58)
	P= .418	P= .177	P= .087	P= .087	P= .050	P= .229
GLCORD	.0555	-.0162	-.0146	.0063	.0567	.1755
	(56)	(73)	(76)	(76)	(52)	(52)
	P= .342	P= .446	P= .450	P= .478	P= .345	P= .107
IRICORD	-.0471	-.0924	-.0792	-.0798	-.1696	-.1457
	(56)	(73)	(76)	(76)	(52)	(52)
	P= .365	P= .218	P= .248	P= .247	P= .115	P= .151

CPCORD	.0030	-.0260	-.0041	-.0038	-.1099	-.1122
	(57)	(73)	(76)	(76)	(51)	(51)
	P= .491	P= .414	P= .486	P= .487	P= .221	P= .217
IRGCORD	.1267	.0014	.0101	.0032	-.1579	-.1230
	(56)	(73)	(76)	(76)	(51)	(51)
	P= .176	P= .495	P= .466	P= .489	P= .134	P= .195
ACIRICOR	.0418	-.0895	-.1461	-.1099	.1339	-.1402
	(12)	(13)	(13)	(13)	(13)	(13)
	P= .449	P= .386	P= .317	P= .360	P= .331	P= .324
HBFCORD	-.4227	-.3789	-.3612	-.3595	-.2749	-.2478
	(27)	(33)	(35)	(35)	(31)	(31)
	P= .014	P= .015	P= .017	P= .017	P= .067	P= .089
GLMIN1H	-.0777	-.0503	-.0641	-.0533	.1535	.0846
	(54)	(71)	(74)	(74)	(50)	(50)
	P= .288	P= .338	P= .294	P= .326	P= .144	P= .280
IRI1H	-.0538	-.0712	-.0477	-.0492	-.0164	.0239
	(52)	(69)	(72)	(72)	(50)	(50)
	P= .352	P= .280	P= .345	P= .341	P= .455	P= .435
CP1H	-.1152	-.1466	-.1201	-.1016	-.1038	-.1563
	(54)	(71)	(74)	(74)	(50)	(50)
	P= .203	P= .111	P= .154	P= .194	P= .237	P= .139
IRG1H	-.0537	-.0808	-.0362	-.0426	-.1922	-.2048
	(51)	(67)	(70)	(70)	(48)	(48)
	P= .354	P= .258	P= .383	P= .363	P= .095	P= .081
SEMGL1H	.0310	.0472	-.0746	-.0852	.0661	.0368
	(53)	(68)	(71)	(71)	(49)	(49)
	P= .413	P= .351	P= .268	P= .240	P= .326	P= .401
PHFET	-.1148	-.0004	-.0287	-.0458	.0169	.0020
	(62)	(83)	(86)	(86)	(58)	(58)
	P= .187	P= .498	P= .396	P= .338	P= .450	P= .494
EBFET	.0737	.0837	.0498	.0644	.1686	.0142
	(62)	(83)	(86)	(86)	(58)	(58)
	P= .285	P= .226	P= .324	P= .278	P= .103	P= .458
VISDIAB	-.4602	-.3858	-.3311	-.3584	-.3825	-.3663
	(43)	(50)	(50)	(50)	(36)	(36)
	P= .001	P= .003	P= .009	P= .005	P= .011	P= .014
PESP50RN	.1835	.2700	.2840	.2972	.0314	-.0223
	(62)	(83)	(87)	(86)	(58)	(58)
	P= .077	P= .007	P= .004	P= .003	P= .408	P= .434
GLUPREMX	.0357	.0170	.0327	.0278	.1638	.4833
	(25)	(28)	(28)	(28)	(14)	(14)
	P= .433	P= .466	P= .434	P= .444	P= .288	P= .040
GLUPROMP	.2848	.2284	.2213	.2270	.1774	.4212
	(22)	(26)	(26)	(26)	(15)	(15)
	P= .099	P= .131	P= .139	P= .132	P= .263	P= .059

Correlations:	INSEX1T	INSEX2T	INSEX3T	HBGL1CN	HBGL2CN	HBGL3CN
NUMGEST	-.1072	-.3040	-.4932	.1383	-.1816	-.0972
	(11)	(22)	(35)	(14)	(31)	(54)
	P= .377	P= .084	P= .001	P= .319	P= .164	P= .242
EDADMAT	.0112	-.2588	-.5091	.5118	-.1939	-.1209
	(11)	(22)	(35)	(14)	(31)	(54)
	P= .487	P= .122	P= .001	P= .031	P= .148	P= .192
TALLAMAT	-.1711	.2609	.3188	.0976	.3939	.0164
	(11)	(22)	(35)	(14)	(31)	(54)
	P= .307	P= .120	P= .031	P= .370	P= .014	P= .453

Correlations:	INSEX1T	INSEX2T	INSEX3T	HBGL1CN	HBGL2CN	HBGL3CN
PESMATH	-.1189	-.2236	-.3788	.3167	-.0772	-.0242
	(11)	(22)	(34)	(14)	(31)	(53)
	P= .364	P= .159	P= .014	P= .135	P= .340	P= .432
PESMATT	-.1661	.0685	-.1544	.4103	.2248	-.0550
	(11)	(22)	(35)	(14)	(31)	(54)
	P= .313	P= .381	P= .188	P= .073	P= .112	P= .346
PESMAT1T	-.0705	.2156	.0533	.4640	.0874	.0187
	(11)	(15)	(15)	(13)	(15)	(19)
	P= .418	P= .220	P= .425	P= .055	P= .378	P= .470
PESMAT2T	-.0946	-.1509	-.3908	.3975	-.0553	.0111
	(11)	(22)	(30)	(14)	(31)	(46)
	P= .391	P= .251	P= .016	P= .080	P= .384	P= .471
PESMAT3T	-.1400	-.1595	-.3925	.3492	-.0329	.0093
	(11)	(22)	(35)	(14)	(31)	(53)
	P= .341	P= .239	P= .010	P= .111	P= .430	P= .474
PESMATP	-.1021	-.1488	-.3562	.3143	-.0228	.0064
	(11)	(22)	(35)	(14)	(31)	(53)
	P= .383	P= .254	P= .018	P= .137	P= .451	P= .482
PESMATMX	-.0834	-.1408	-.3607	.3420	-.0273	.0143
	(11)	(22)	(35)	(14)	(31)	(53)
	P= .404	P= .266	P= .017	P= .116	P= .442	P= .460
PSSEMAT	-.3264	-.4807	-.6155	.1743	-.3526	-.2966
	(8)	(15)	(20)	(10)	(21)	(34)
	P= .215	P= .035	P= .002	P= .315	P= .058	P= .044
PSTRMAT	-.2383	-.3021	-.3791	.2920	-.1448	-.1619
	(8)	(15)	(20)	(10)	(21)	(34)
	P= .285	P= .137	P= .050	P= .206	P= .266	P= .180
INSEX1T	1.0000	.9348	.8943	.0478	.1966	.3309
	(0)	(11)	(11)	(11)	(10)	(11)
	P= .	P= .000	P= .000	P= .444	P= .293	P= .160
INSEX2T	.9348	1.0000	.8856	.2698	.4159	.2566
	(11)	(0)	(22)	(14)	(20)	(22)
	P= .000	P= .	P= .000	P= .175	P= .034	P= .125
INSEX3T	.8943	.8856	1.0000	.2775	.4507	.1651
	(11)	(22)	(0)	(14)	(25)	(35)
	P= ,000	P= .000	P= .	P= .168	P= .012	P= .172
HBGL1CN	.0478	.2698	.2775	1.0000	.0745	.5877
	(11)	(14)	(14)	(0)	(13)	(14)
	P= .444	P= .175	P= .168	P= .	P= .404	P= .014
HBGL2CN	.1966	.4159	.4507	.0745	1.0000	.4846
	(10)	(20)	(25)	(13)	(0)	(31)
	P= .293	P= .034	P= .012	P= .404	P= .	P= .003
HBGL3CN	.3309	.2566	.1651	.5877	.4846	1.0000
	(11)	(22)	(35)	(14)	(31)	(0)
	P= .160	P= .125	P= .172	P= .014	P= .003	P= .
HBGLUSCN	.2330	-.1267	.0019	.3928	.2066	.5356
	(7)	(12)	(21)	(8)	(20)	(31)
	P= .308	P= .347	P= .497	P= .168	P= .191	P= .001
HBGLMATP	-.0527	-.3148	-.0037	.3033	.1216	.4625
	(11)	(22)	(34)	(14)	(31)	(53)
	P= .439	P= .077	P= .492	P= .146	P= .257	P= .000
GLEXMATP	.3032	.3209	.5345	.0135	.1612	.0547
	(11)	(21)	(32)	(14)	(29)	(48)
	P= .182	P= .078	P= .001	P= .482	P= .202	P= .356

Correlations:	INSEX1T	INSEX2T	INSEX3T	HBGL1CN	HBGL2CN	HBGL3CN
INSEXPAR	.3142	.4847	.7117	.3806	.2518	.3202
	(11)	(22)	(32)	(14)	(25)	(32)
	P= .173	P= .011	P= .000	P= .090	P= .112	P= .037
ACIRIMCN	-.0010	.0121	.1437	.6838	-.1068	.1715
	(10)	(18)	(24)	(12)	(20)	(24)
	P= .499	P= .481	P= .251	P= .007	P= .327	P= .212
GLMATP	-.0480	-.1750	-.2777	-.0722	.0186	.0887
	(11)	(21)	(32)	(14)	(29)	(48)
	P= .444	P= .224	P= .062	P= .403	P= .462	P= .274
IRIMATP	.3111	-.0226	.2995	.6636	.2055	.2935
	(9)	(17)	(23)	(11)	(22)	(40)
	P= .208	P= .466	P= .082	P= .013	P= .179	P= .033
CPMATP	-.2944	-.6137	-.6503	-.0501	-.2633	-.3577
	(8)	(16)	(23)	(10)	(23)	(37)
	P= .240	P= .006	P= .000	P= .445	P= .112	P= .015
IRGMATP	.1978	-.1085	-.0809	.1729	-.0649	.0019
	(8)	(16)	(22)	(10)	(23)	(36)
	P= .319	P= .345	P= .360	P= .316	P= .384	P= .496
PESPLA	.4286	.3080	.0542	-.0823	.0843	.1730
	(9)	(20)	(33)	(12)	(29)	(51)
	P= .125	P= .093	P= .382	P= .400	P= .332	P= .112
EGRN	-.2649	-.0821	-.0606	-.4355	-.1352	-.1768
	(11)	(22)	(35)	(14)	(31)	(54)
	P= .216	P= .358	P= .365	P= .060	P= .234	P= .100
PESRN	.2020	.2098	-.0064	-.1346	-.0411	.1466
	(11)	(22)	(35)	(14)	(31)	(54)
	P= .276	P= .174	P= .485	P= .323	P= .413	P= .145
PESMINRN	.0707	.0582	-.0926	-.0919	-.1903	.1354
	(10)	(19)	(31)	(13)	(28)	(49)
	P= .423	P= .406	P= .310	P= .383	P= .166	P= .177
LONGRN	-.2736	-.1227	-.2611	-.2641	-.0940	.0608
	(11)	(21)	(34)	(14)	(30)	(53)
	P= .208	P= .298	P= .068	P= .181	P= .311	P= .333
PCRN	-.3281	-.2271	-.5054	-.4679	-.1803	.0233
	(11)	(20)	(32)	(13)	(29)	(51)
	P= .162	P= .168	P= .002	P= .053	P= .175	P= .435
PSSERN	-.2247	.0735	.2133	.0528	.0606	.2875
	(8)	(16)	(23)	(10)	(24)	(38)
	P= .296	P= .393	P= .164	P= .442	P= .389	P= .040
PSTRRN	-.0200	.1186	.1635	.1965	-.0139	.2393
	(8)	(16)	(23)	(10)	(24)	(38)
	P= .481	P= .331	P= .228	P= .293	P= .474	P= .074
GLCORD	-.5196	-.4850	-.4723	-.4082	-.1287	.0379
	(11)	(22)	(34)	(14)	(30)	(51)
	P= .051	P= .011	P= .002	P= .074	P= .249	P= .396
IRICORD	.4302	.4754	.4675	.2626	.1974	.4419
	(11)	(22)	(34)	(14)	(30)	(51)
	P= .093	P= .013	P= .003	P= .182	P= .148	P= .001
CPCORD	.5478	.3482	.3980	-.2067	.1840	.2476
	(11)	(22)	(33)	(14)	(30)	(50)
	P= .041	P= .056	P= .011	P= .239	P= .165	P= .042
IRGCORD	.0752	.2490	.3776	.1140	.3492	.1114
	(11)	(22)	(34)	(14)	(30)	(51)
	P= .413	P= .132	P= .014	P= .349	P= .029	P= .218

Correlations:	INSEX1T	INSEX2T	INSEX3T	HBGL1CN	HBGL2CN	HBGL3CN
ACIRICOR	.3035	.0702	.1873	.4139	-.7731	.1696
	(6)	(12)	(13)	(8)	(11)	(13)
	P= .279	P= .414	P= .270	P= .154	P= .003	P= .290
HBFCORD	.4967	-.2057	-.0017	.1865	-.6622	.1618
	(5)	(11)	(13)	(7)	(13)	(21)
	P= .197	P= .272	P= .498	P= .344	P= .007	P= .242
GLMIN1H	-.4379	-.4490	-.3798	-.6898	-.1943	-.3783
	(11)	(22)	(34)	(14)	(30)	(49)
	P= .089	P= .018	P= .013	P= .003	P= .152	P= .004
IRI1H	.1272	.2064	.3019	-.0551	.0482	.0251
	(11)	(22)	(34)	(14)	(30)	(49)
	P= .355	P= .178	P= .041	P= .426	P= .400	P= .432
CP1H	.4730	.4381	.4049	-.2008	.1489	-.0293
	(11)	(22)	(34)	(14)	(30)	(49)
	P= .071	P= .021	P= .009	P= .246	P= .216	P= .421
IRG1H	.2692	.3328	.3396	.1814	.4632	-.0024
	(10)	(21)	(33)	(13)	(29)	(47)
	P= .226	P= .070	P= .027	P= .277	P= .006	P= .494
SEMGL1H	-.0850	-.1700	-.1908	-.3066	-.0964	-.1845
	(11)	(22)	(34)	(14)	(30)	(47)
	P= .402	P= .225	P= .140	P= .143	P= .306	P= .107
PHFET	.0147	-.1717	-.1547	-.2917	-.1746	-.1969
	(11)	(22)	(35)	(14)	(31)	(54)
	P= .483	P= .222	P= .187	P= .156	P= .174	P= .077
EBFET	.0926	-.1949	-.3114	.0381	-.1434	.1518
	(11)	(22)	(35)	(14)	(31)	(54)
	P= .393	P= .192	P= .034	P= .449	P= .221	P= .137
VISDIAB	.4823	.5690	.7130	-.2826	.2781	.3429
	(10)	(19)	(29)	(13)	(29)	(48)
	P= .079	P= .006	P= .000	P= .175	P= .072	P= .009
PESP5ORN	-.2565	-.0116	-.0477	-.3429	-.1605	-.2108
	(11)	(22)	(35)	(14)	(31)	(54)
	P= .223	P= .480	P= .393	P= .115	P= .194	P= .063
GLUPREMX	.6691	.3949	.3610	.3866	-.1857	.1729
	(10)	(19)	(26)	(13)	(20)	(28)
	P= .017	P= .047	P= .035	P= .096	P= .217	P= .189
GLUPROMP	.4732	.2820	.1483	.4688	-.2635	.2626
	(10)	(19)	(26)	(13)	(20)	(26)
	P= .084	P= .121	P= .235	P= .053	P= .131	P= .098

Correlations:	HBGLUSCN	HBGLMATP	GLEXMATP	INSEXPAR	ACIRIMCN	GLMATP
NUMGEST	-.1494	.0381	-.0775	-.3262	-.1417	-.0176
	(32)	(98)	(77)	(33)	(24)	(81)
	P= .207	P= .355	P= .252	P= .032	P= .254	P= .438
EDADMAT	-.0170	-.0754	-.0520	-.4303	-.0665	-.0520
	(32)	(98)	(77)	(33)	(24)	(81)
	P= .463	P= .230	P= .327	P= .006	P= .379	P= .322
TALLAMAT	-.0329	-.0214	-.0159	.2379	.2493	.2026
	(32)	(93)	(76)	(32)	(24)	(77)
	P= .429	P= .419	P= .446	P= .095	P= .120	P= .039
PESMATH	-.0168	.1132	-.1842	-.2468	-.1409	.0821
	(32)	(93)	(77)	(33)	(24)	(79)
	P= .464	P= .140	P= .054	P= .083	P= .256	P= .236
PESMATT	-.1346	-.0525	-.0828	-.1242	.2407	.1341
	(32)	(93)	(76)	(32)	(24)	(77)
	P= .231	P= .309	P= .239	P= .249	P= .129	P= .123

Correlations:	HBGLUSCN	HBGLMATP	GLEXMATP	INSEXPAR	ACIRIMCN	GLMATP
PESMAT1T	-.2025	-.0270	-.1464	.0534	.4066	.2336
	(10)	(28)	(26)	(15)	(11)	(23)
	P= .287	P= .446	P= .238	P= .425	P= .107	P= .142
PESMAT2T	.0048	.2048	-.1638	-.2221	.0234	.1467
	(29)	(61)	(56)	(29)	(21)	(53)
	P= .490	P= .057	P= .114	P= .123	P= .460	P= .147
PESMAT3T	-.0258	.1384	-.1851	-.2566	-.0493	.0829
	(32)	(81)	(70)	(33)	(24)	(68)
	P= .444	P= .109	P= .062	P= .075	P= .410	P= .251
PESMATP	-.0320	.1013	-.1438	-.2375	-.0236	.1575
	(32)	(85)	(73)	(33)	(24)	(71)
	P= .431	P= .178	P= .112	P= .092	P= .456	P= .095
PESMATMX	.0165	.1352	-.1397	-.2329	-.0219	.1623
	(32)	(84)	(73)	(33)	(24)	(71)
	P= .464	P= .110	P= .119	P= .096	P= .460	P= .088
PSSEMAT	-.3243	.0254	-.0312	-.3290	-.2232	.1175
	(23)	(58)	(47)	(20)	(19)	(51)
	P= .066	P= .425	P= .418	P= .078	P= .179	P= .206
PSTRMAT	-.2729	.0890	.0342	-.3086	-.2212	.2705
	(23)	(58)	(47)	(20)	(19)	(51)
	P= .104	P= .253	P= .410	P= .093	P= .181	P= .027
INSEX1T	.2330	-.0527	.3032	.3142	-.0010	-.0480
	(7)	(11)	(11)	(11)	(10)	(11)
	P= .308	P= .439	P= .182	P= .173	P= .499	P= .444
INSEX2T	-.1267	-.3148	.3209	.4847	.0121	-.1750
	(12)	(22)	(21)	(22)	(18)	(21)
	P= .347	P= .077	P= .078	P= .011	P= .481	P= .224
INSEX3T	.0019	-.0037	.5345	.7117	.1437	-.2777
	(21)	(34)	(32)	(32)	(24)	(32)
	P= .497	P= .492	P= .001	P= .000	P= .251	P= .062
HBGL1CN	.3928	.3033	.0135	.3806	.6838	-.0722
	(8)	(14)	(14)	(14)	(12)	(14)
	P= .168	P= .146	P= .482	P= .090	P= .007	P= .403
HBGL2CN	.2066	.1216	.1612	.2518	-.1068	.0186
	(20)	(31)	(29)	(25)	(20)	(29)
	P= .191	P= .257	P= .202	P= .112	P= .327	P= .462
HBGL3CN	.5356	.4625	.0547	.3202	.1715	.0887
	(31)	(53)	(48)	(32)	(24)	(48)
	P= .001	P= .000	P= .356	P= .037	P= .212	P= .274
HBGLUSCN	1.0000	.7218	-.0567	.2270	.4680	.1367
	(0)	(32)	(30)	(20)	(16)	(31)
	P= .	P= .000	P= .383	P= .168	P= .034	P= .232
HBGLMATP	.7218	1.0000	-.0667	.1654	.2474	-.0502
	(32)	(0)	(77)	(33)	(24)	(81)
	P= .000	P= .	P= .282	P= .179	P= .122	P= .328
GLEXMATP	-.0567	-.0667	1.0000	.3948	.1385	.2869
	(30)	(77)	(0)	(32)	(24)	(72)
	P= .383	P= .282	P= .	P= .013	P= .259	P= .007
INSEXPAR	.2270	.1654	.3948	1.0000	.1819	-.3869
	(20)	(33)	(32)	(0)	(24)	(32)
	P= .168	P= .179	P= .013	P= .	P= .198	P= .014
ACIRIMCN	.4680	.2474	.1385	.1819	1.0000	-.0268
	(16)	(24)	(24)	(24)	(0)	(24)
	P= .034	P= .122	P= .259	P= .198	P= .	P= .451

Correlations:	HBGLUSCN	HBGLMATP	GLEXMATP	INSEXPAR	ACIRIMCN	GLMATP
GLMATP	.1367	-.0502	.2869	-.3869	-.0268	1.0000
	(31)	(81)	(72)	(32)	(24)	(0)
	P= .232	P= .328	P= .007	P= .014	P= .451	P= .
IRIMATP	-.0386	.1429	.0633	.3906	.5977	.2669
	(24)	(75)	(66)	(24)	(19)	(72)
	P= .429	P= .111	P= .307	P= .030	P= .003	P= .012
CPMATP	-.2414	-.1405	-.0033	-.4965	-.3757	.5284
	(24)	(64)	(57)	(24)	(21)	(63)
	P= .128	P= .134	P= .490	P= .007	P= .047	P= .000
IRGMATP	-.2785	-.1358	-.0232	-.2093	.1572	.1456
	(23)	(62)	(55)	(23)	(21)	(61)
	P= .099	P= .146	P= .433	P= .169	P= .248	P= .131
PESPLA	-.2844	-.1626	-.0660	-.0586	.0656	.1760
	(30)	(94)	(74)	(31)	(23)	(78)
	P= .064	P= .059	P= .288	P= .377	P= .383	P= .062
EGRN	.1179	-.0239	.0187	-.0382	.1903	.1259
	(32)	(98)	(77)	(33)	(24)	(81)
	P= .260	P= .408	P= .436	P= .416	P= .187	P= .131
PESRN	-.1193	-.2065	-.0289	-.1995	.3327	.2169
	(32)	(98)	(77)	(33)	(24)	(81)
	P= .258	P= .021	P= .402	P= .133	P= .056	P= .026
PESMINRN	.1208	-.1209	-.0682	-.1582	.3826	.2186
	(29)	(93)	(72)	(30)	(22)	(76)
	P= .266	P= .124	P= .285	P= .202	P= .039	P= .029
LONGRN	-.1077	-.1864	-.0107	-.3311	.3143	.2148
	(32)	(97)	(77)	(32)	(24)	(81)
	P= .279	P= .034	P= .463	P= .032	P= .067	P= .027
PCRN	-.0558	-.1336	-.0456	-.6027	.0897	.2724
	(31)	(96)	(76)	(31)	(24)	(80)
	P= .383	P= .097	P= .348	P= .000	P= .338	P= .007
PSSERN	-.1257	.0576	.0779	-.0828	.2122	.2925
	(24)	(67)	(55)	(24)	(21)	(59)
	P= .279	P= .322	P= .286	P= .350	P= .178	P= .012
PSTRRN	-.1091	-.0796	.1175	-.1361	.3648	.2395
	(24)	(67)	(55)	(24)	(21)	(59)
	P= .306	P= .261	P= .196	P= .263	P= .052	P= .034
GLCORD	.1212	.0721	.3731	-.3965	-.3352	.7937
	(31)	(87)	(75)	(33)	(24)	(81)
	P= .258	P= .253	P= .000	P= .011	P= .055	P= .000
IRICORD	-.1285	.1504	.1178	.4058	.5233	.1209
	(31)	(87)	(75)	(33)	(24)	(80)
	P= .245	P= .082	P= .157	P= .010	P= .004	P= .143
CPCORD	.1787	.1912	.0611	.1406	.2734	.0984
	(30)	(87)	(75)	(32)	(23)	(80)
	P= .172	P= .038	P= .301	P= .221	P= .103	P= .193
IRGCORD	.2284	.1165	.0038	.0547	.0976	-.0155
	(31)	(86)	(74)	(33)	(24)	(80)
	P= .108	P= .143	P= .487	P= .381	P= .325	P= .446
ACIRICOR	.2575	.0821	.1295	.4634	.9548	-.2923
	(7)	(13)	(13)	(13)	(13)	(13)
	P= .289	P= .395	P= .337	P= .055	P= .000	P= .166
HBFCORD	-.4221	-.0694	.2980	.1293	.6109	-.1040
	(13)	(39)	(35)	(14)	(12)	(38)
	P= .075	P= .337	P= .041	P= .330	P= .017	P= .267

Correlations:	HBGLUSCN	HBGLMATP	GLEXMATP	INSEXPAR	ACIRIMCN	GLMATP
GLMIN1H	-.0924	-.2721	-.1761	-.3692	-.0909	-.0079
	(30)	(85)	(74)	(33)	(24)	(79)
	P= .314	P= .006	P= .067	P= .017	P= .336	P= .472
IRI1H	-.1663	.0260	.0314	.0947	.3960	.0703
	(30)	(83)	(72)	(33)	(24)	(77)
	P= .190	P= .408	P= .397	P= .300	P= .028	P= .272
CP1H	.3003	.0638	.0823	.1543	.4554	.0169
	(30)	(85)	(74)	(33)	(24)	(79)
	P= .053	P= .281	P= .243	P= .196	P= .013	P= .441
IRG1H	-.0088	-.1102	-.0356	.0911	.0857	.0674
	(28)	(81)	(70)	(32)	(23)	(75)
	P= .482	P= .164	P= .385	P= .310	P= .349	P= .283
SEMGL1H	-.1596	-.1944	-.2293	-.3106	.1047	-.2284
	(28)	(82)	(71)	(33)	(24)	(76)
	P= .209	P= .040	P= .027	P= .039	P= .313	P= .024
PHFET	-.3940	-.2605	-.1674	-.0291	.0620	-.2372
	(32)	(97)	(77)	(33)	(24)	(81)
	P= .013	P= .005	P= .073	P= .436	P= .387	P= .016
EBFET	.2530	.1082	-.2262	-.0277	.3231	-.2982
	(32)	(96)	(76)	(33)	(24)	(81)
	P= .081	P= .147	P= .025	P= .439	P= .062	P= .003
VISDIAB	.1688	.1632	.3274	.5366	.0507	-.0839
	(30)	(51)	(46)	(29)	(23)	(46)
	P= .186	P= .126	P= .013	P= .001	P= .409	P= .290
PESP5ORN	.1642	-.0414	.0550	-.0221	.0416	.1342
	(32)	(98)	(77)	(33)	(24)	(81)
	P= .185	P= .343	P= .317	P= .452	P= .423	P= .116
GLUPREMX	-.2607	.0007	.1783	.2062	-.1178	.0129
	(15)	(28)	(26)	(24)	(19)	(26)
	P= .174	P= .499	P= .192	P= .167	P= .316	P= .475
GLUPROMP	-.2371	.1112	-.0478	.0083	-.0274	.2487
	(14)	(26)	(24)	(25)	(20)	(24)
	P= .207	P= .294	P= .412	P= .484	P= .454	P= .121

Correlations:	IRIMATP	CPMATP	IRGMATP	PESPLA	EGRN	PESRN
NUMGEST	.0414	.1409	.0684	.0122	.0637	.0167
	(75)	(64)	(62)	(96)	(100)	(100)
	P= .362	P= .133	P= .299	P= .453	P= .265	P= .435
EDADMAT	-.0768	-.0932	-.0874	-.0098	-.0700	-.0166
	(75)	(64)	(62)	(96)	(100)	(100)
	P= .256	P= .232	P= .250	P= .462	P= .245	P= .435
TALLAMAT	.1813	.2282	-.0556	.2875	.2311	.3685
	(71)	(60)	(58)	(91)	(95)	(95)
	P= .065	P= .040	P= .339	P= .003	P= .012	P= .000
PESMATH	.2274	.3500	-.0351	.2111	.1722	.1409
	(73)	(62)	(60)	(91)	(95)	(95)
	P= .026	P= .003	P= .395	P= .022	P= .048	P= .087
PESMATT	.1447	.1374	-.1077	.1932	.0663	.2338
	(71)	(60)	(58)	(91)	(95)	(95)
	P= .114	P= .147	P= .210	P= .033	P= .262	P= .011
PESMAT1T	.5369	.8501	.1940	.1439	.0969	.2496
	(21)	(17)	(17)	(26)	(28)	(28)
	P= .006	P= .000	P= .228	P= .242	P= .312	P= .100

Correlations:	IRIMATP	CPMATP	IRGMATP	PESPLA	EGRN	PESRN
PESMAT2T	.2588	.4155	-.0052	.1604	.1548	.0910
	(47)	(43)	(42)	(59)	(62)	(62)
	P= .039	P= .003	P= .487	P= .112	P= .115	P= .241
PESMAT3T	.1900	.5028	.0078	.2116	.2886	.2266
	(62)	(54)	(53)	(79)	(83)	(83)
	P= .070	P= .000	P= .478	P= .031	P= .004	P= .020
PESMATP	.2358	.5125	.0074	.2377	.3064	.2641
	(65)	(57)	(56)	(83)	(87)	(87)
	P= .029	P= .000	P= .478	P= .015	P= .002	P= .007
PESMATMX	.2275	.5041	-.0064	.2478	.3168	.2735
	(65)	(57)	(56)	(82)	(86)	(86)
	P= .034	P= .000	P= .481	P= .012	P= .001	P= .005
PSSEMAT	.2596	.4521	.0604	-.0288	.0588	.0168
	(50)	(52)	(50)	(57)	(58)	(58)
	P= .034	P= .000	P= .338	P= .416	P= .330	P= .450
PSTRMAT	.2846	.4927	.0797	.0192	.0649	.0381
	(50)	(52)	(50)	(57)	(58)	(58)
	P= .023	P= .000	P= .291	P= .444	P= .314	P= .388
INSEX1T	.3111	-.2944	.1978	.4286	-.2649	.2020
	(9)	(8)	(8)	(9)	(11)	(11)
	P= .208	P= .240	P= .319	P= .125	P= .216	P= .276
INSEX2T	-.0226	-.6137	-.1085	.3080	-.0821	.2098
	(17)	(16)	(16)	(20)	(22)	(22)
	P= .466	P= .006	P= .345	P= .093	P= .358	P= .174
INSEX3T	.2995	-.6503	-.0809	.0542	-.0606	-.0064
	(23)	(23)	(22)	(33)	(35)	(35)
	P= .082	P= .000	P= .360	P= .382	P= .365	P= .485
HBGL1CN	.6636	-.0501	.1729	-.0823	-.4355	-.1346
	(11)	(10)	(10)	(12)	(14)	(14)
	P= .013	P= .445	P= .316	P= .400	P= .060	P= .323
HBGL2CN	.2055	-.2633	-.0649	.0843	-.1352	-.0411
	(22)	(23)	(23)	(29)	(31)	(31)
	P= .179	P= .112	P= .384	P= .332	P= .234	P= .413
HBGL3CN	.2935	-.3577	.0019	.1730	-.1768	.1466
	(40)	(37)	(36)	(51)	(54)	(54)
	P= .033	P= .015	P= .496	P= .112	P= .100	P= .145
HBGLUSCN	-.0386	-.2414	-.2785	-.2844	.1179	-.1193
	(24)	(24)	(23)	(30)	(32)	(32)
	P= .429	P= .128	P= .099	P= .064	P= .260	P= .258
HBGLMATP	.1429	-.1405	-.1358	-.1626	-.0239	-.2065
	(75)	(64)	(62)	(94)	(98)	(98)
	P= .111	P= .134	P= .146	P= .059	P= .408	P= .021
GLEXMATP	.0633	-.0033	-.0232	-.0660	.0187	-.0289
	(66)	(57)	(55)	(74)	(77)	(77)
	P= .307	P= .490	P= .433	P= .288	P= .436	P= .402
INSEXPAR	.3906	-.4965	-.2093	-.0586	-.0382	-.1995
	(24)	(24)	(23)	(31)	(33)	(33)
	P= .030	P= .007	P= .169	P= .377	P= .416	P= .133
ACIRIMCN	.5977	-.3757	.1572	.0656	.1903	.3327
	(19)	(21)	(21)	(23)	(24)	(24)
	P= .003	P= .047	P= .248	P= .383	P= .187	P= .056
GLMATP	.2669	.5284	.1456	.1760	.1259	.2169
	(72)	(63)	(61)	(78)	(81)	(81)
	P= .012	P= .000	P= .131	P= .062	P= .131	P= .026

Correlations:	IRIMATP	CPMATP	IRGMATP	PESPLA	EGRN	PESRN
IRIMATP	1.0000 (0) P= .	.3403 (61) P= .004	.1656 (59) P= .105	.0781 (72) P= .257	.0557 (75) P= .318	.0992 (75) P= .199
CPMATP	.3403 (61) P= .004	1.0000 (0) P= .	.3359 (62) P= .004	.1239 (63) P= .167	.2419 (64) P= .027	.1812 (64) P= .076
IRGMATP	.1656 (59) P= .105	.3359 (62) P= .004	1.0000 (0) P= .	.1493 (61) P= .125	-.1321 (62) P= .153	.0730 (62) P= .286
PESPLA	.0781 (72) P= .257	.1239 (63) P= .167	.1493 (61) P= .125	1.0000 (0) P= .	.0494 (96) P= .316	.6502 (96) P= .000
EGRN	.0557 (75) P= .318	.2419 (64) P= .027	-.1321 (62) P= .153	.0494 (96) P= .316	1.0000 (0) P= .	.3290 (100) P= .000
PESRN	.0992 (75) P= .199	.1812 (64) P= .076	.0730 (62) P= .286	.6502 (96) P= .000	.3290 (100) P= .000	1.0000 (0) P= .
PESMINRN	.0970 (72) P= .209	.1798 (61) P= .083	.0939 (59) P= .240	.6247 (92) P= .000	.3704 (95) P= .000	.9886 (95) P= .000
LONGRN	-.0410 (75) P= .363	.1480 (64) P= .122	.0455 (62) P= .363	.4732 (95) P= .000	.3723 (99) P= .000	.7555 (99) P= .000
PCRN	.0115 (74) P= .461	.2972 (64) P= .009	.1494 (62) P= .123	.4474 (93) P= .000	.3639 (97) P= .000	.6939 (97) P= .000
PSSERN	.1917 (58) P= .075	.1221 (58) P= .181	.0165 (56) P= .452	.4453 (66) P= .000	.0001 (67) P= .500	.5606 (67) P= .000
PSTRRN	.2149 (58) P= .053	.1038 (58) P= .219	.0536 (56) P= .347	.5286 (66) P= .000	-.0267 (67) P= .415	.6160 (67) P= .000
GLCORD	.0529 (74) P= .327	.2664 (64) P= .017	.0995 (62) P= .221	.0036 (83) P= .487	.0819 (87) P= .225	.0281 (87) P= .398
IRICORD	.4816 (74) P= .000	-.2059 (63) P= .053	.1874 (61) P= .074	.2339 (83) P= .017	-.2252 (87) P= .018	.1475 (87) P= .086
CPCORD	.2111 (74) P= .035	-.1908 (63) P= .067	.0858 (61) P= .255	.2078 (83) P= .030	-.0227 (87) P= .417	.2141 (87) P= .023
IRGCORD	.0706 (73) P= .276	.0538 (63) P= .338	.4507 (62) P= .000	.1091 (82) P= .165	.1826 (86) P= .046	.1825 (86) P= .046
ACIRICOR	.7724 (12) P= .002	-.1717 (13) P= .287	.3147 (13) P= .148	.1799 (13) P= .278	-.6071 (13) P= .014	-.0636 (13) P= .418
HBFCORD	-.1041 (38) P= .267	-.3234 (39) P= .022	.1512 (37) P= .186	.1030 (39) P= .266	-.1721 (39) P= .147	-.0863 (39) P= .301
GLMIN1H	-.2320 (72) P= .025	.1469 (62) P= .127	-.1373 (60) P= .148	-.1529 (81) P= .086	.1723 (85) P= .057	-.1419 (85) P= .098

Correlations:	IRIMATP	CPMATP	IRGMATP	PESPLA	EGRN	PESRN
IRI1H	.2888	-.2061	-.0030	.0936	-.0993	.1020
	(70)	(60)	(58)	(79)	(83)	(83)
	P= .008	P= .057	P= .491	P= .206	P= .186	P= .179
CP1H	.2295	-.2628	-.0350	.0391	.0355	.0567
	(72)	(62)	(60)	(81)	(85)	(85)
	P= .026	P= .020	P= .395	P= .365	P= .374	P= .303
IRG1H	.1093	.1404	.4246	.1353	.1313	.2134
	(68)	(59)	(57)	(78)	(81)	(81)
	P= .187	P= .144	P= .000	P= .119	P= .121	P= .028
SEMGL1H	-.0858	-.0017	.0022	-.1556	.0525	-.1001
	(69)	(59)	(57)	(78)	(82)	(82)
	P= .242	P= .495	P= .494	P= .087	P= .320	P= .185
PHFET	.0143	-.0595	.0129	.1422	.0710	.0569
	(75)	(64)	(62)	(95)	(99)	(99)
	P= .452	P= .320	P= .460	P= .085	P= .243	P= .288
EBFET	.0731	-.0728	-.0861	.1395	.0639	.0725
	(75)	(64)	(62)	(94)	(98)	(98)
	P= .267	P= .284	P= .253	P= .090	P= .266	P= .239
VISDIAB	.2738	-.5435	-.1433	.0204	-.0989	.1667
	(40)	(37)	(36)	(48)	(51)	(51)
	P= .044	P= .000	P= .202	P= .445	P= .245	P= .121
PESP50RN	.0973	.2193	-.2146	.0946	.8932	.3728
	(75)	(64)	(62)	(96)	(100)	(100)
	P= .203	P= .041	P= .047	P= .180	P= .000	P= .000
GLUPREMX	.3940	-.1399	-.2961	-.0348	-.2791	-.0390
	(19)	(16)	(16)	(25)	(28)	(28)
	P= .048	P= .303	P= .133	P= .434	P= .075	P= .422
GLUPROMP	.2765	-.0699	-.2539	.0200	-.3656	.0505
	(18)	(17)	(17)	(24)	(26)	(26)
	P= .133	P= .395	P= .163	P= .463	P= .033	P= .403

Correlations:	PESMINRN	LONGRN	PCRN	PSSERN	PSTRRN	GLCORD
NUMGEST	.0493	.0029	.0996	.0748	.1477	-.0290
	(95)	(99)	(97)	(67)	(67)	(87)
	P= .318	P= .489	P= .166	P= .274	P= .117	P= .395
EDADMAT	-.0027	-.1065	.0187	.0305	.1557	.0136
	(95)	(99)	(97)	(67)	(67)	(87)
	P= .490	P= .147	P= .428	P= .403	P= .104	P= .450
TALLAMAT	.3454	.3184	.1793	.1408	.1857	.1219
	(90)	(94)	(92)	(64)	(64)	(83)
	P= .000	P= .001	P= .044	P= .134	P= .071	P= .136
PESMATH	.1630	.1080	.1507	.1784	.2092	-.0011
	(90)	(94)	(92)	(65)	(65)	(84)
	P= .062	P= .150	P= .076	P= .078	P= .047	P= .496
PESMATT	.2141	.1930	.1158	.1145	.2022	.1168
	(90)	(94)	(92)	(64)	(64)	(83)
	P= .021	P= .031	P= .136	P= .184	P= .055	P= .147
PESMAT1T	.1561	-.0605	.3391	.1836	.0261	-.0317
	(25)	(27)	(26)	(18)	(18)	(25)
	P= .228	P= .382	P= .045	P= .233	P= .459	P= .440
PESMAT2T	.0889	.0237	.1591	.1140	-.0324	.0555
	(57)	(61)	(59)	(43)	(43)	(56)
	P= .255	P= .428	P= .114	P= .233	P= .418	P= .342

Correlations:	PESMINRN	LONGRN	PCRN	PSSERN	PSTRRN	GLCORD
PESMAT3T	.2271	.1437	.2227	.1653	.1261	-.0162
	(78)	(82)	(80)	(56)	(56)	(73)
	P= .023	P= .099	P= .024	P= .112	P= .177	P= .446
PESMATP	.2594	.1892	.2346	.2247	.1791	-.0146
	(82)	(86)	(84)	(59)	(59)	(76)
	P= .009	P= .041	P= .016	P= .044	P= .087	P= .450
PESMATMX	.2838	.1849	.2462	.2240	.1797	.0063
	(81)	(85)	(83)	(59)	(59)	(76)
	P= .005	P= .045	P= .012	P= .044	P= .087	P= .478
PSSEMAT	.0617	-.0135	.1659	.1860	.2184	.0567
	(56)	(58)	(58)	(58)	(58)	(52)
	P= .326	P= .460	P= .107	P= .081	P= .050	P= .345
PSTRMAT	.0501	.0358	.1371	.1401	.0993	.1755
	(56)	(58)	(58)	(58)	(58)	(52)
	P= .357	P= .395	P= .152	P= .147	P= .229	P= .107
INSEX1T	.0707	-.2736	-.3281	-.2247	-.0200	-.5196
	(10)	(11)	(11)	(8)	(8)	(11)
	P= .423	P= .208	P= .162	P= .296	P= .481	P= .051
INSEX2T	.0582	-.1227	-.2271	.0735	.1186	-.4850
	(19)	(21)	(20)	(16)	(16)	(22)
	P= .406	P= .298	P= .168	P= .393	P= .331	P= .011
INSEX3T	-.0926	-.2611	-.5054	.2133	.1635	-.4723
	(31)	(34)	(32)	(23)	(23)	(34)
	P= .310	P= .068	P= .002	P= .164	P= .228	P= .002
HBGL1CN	-.0919	-.2641	-.4679	.0528	.1965	-.4082
	(13)	(14)	(13)	(10)	(10)	(14)
	P= .383	P= .181	P= .053	P= .442	P= .293	P= .074
HBGL2CN	-.1903	-.0940	-.1803	.0606	-.0139	-.1287
	(28)	(30)	(29)	(24)	(24)	(30)
	P= .166	P= .311	P= .175	P= .389	P= .474	P= .249
HBGL3CN	.1354	.0608	.0233	.2875	.2393	.0379
	(49)	(53)	(51)	(38)	(38)	(51)
	P= .177	P= .333	P= .435	P= .040	P= .074	P= .396
HBGLUSCN	.1208	-.1077	-.0558	-.1257	-.1091	.1212
	(29)	(32)	(31)	(24)	(24)	(31)
	P= .266	P= .279	P= .383	P= .279	P= .306	P= .258
HBGLMATP	-.1209	-.1864	-.1336	.0576	-.0796	.0721
	(93)	(97)	(96)	(67)	(67)	(87)
	P= .124	P= .034	P= .097	P= .322	P= .261	P= .253
GLEXMATP	-.0682	-.0107	-.0456	.0779	.1175	.3731
	(72)	(77)	(76)	(55)	(55)	(75)
	P= .285	P= .463	P= .348	P= .286	P= .196	P= .000
INSEXPAR	-.1582	-.3311	-.6027	-.0828	-.1361	-.3965
	(30)	(32)	(31)	(24)	(24)	(33)
	P= .202	P= .032	P= .000	P= .350	P= .263	P= .011
ACIRIMCN	.3826	.3143	.0897	.2122	.3648	-.3352
	(22)	(24)	(24)	(21)	(21)	(24)
	P= .039	P= .067	P= .338	P= .178	P= .052	P= .055
GLMATP	.2186	.2148	.2724	.2925	.2395	.7937
	(76)	(81)	(80)	(59)	(59)	(81)
	P= .029	P= .027	P= .007	P= .012	P= .034	P= .000
IRIMATP	.0970	-.0410	.0115	.1917	.2149	.0529
	(72)	(75)	(74)	(58)	(58)	(74)
	P= .209	P= .363	P= .461	P= .075	P= .053	P= .327

Correlations:	PESMINRN	LONGRN	PCRN	PSSERN	PSTRRN	GLCORD
CPMATP	.1798	.1480	.2972	.1221	.1038	.2664
	(61)	(64)	(64)	(58)	(58)	(64)
	P= .083	P= .122	P= .009	P= .181	P= .219	P= .017
IRGMATP	.0939	.0455	.1494	.0165	.0536	.0995
	(59)	(62)	(62)	(56)	(56)	(62)
	P= .240	P= .363	P= .123	P= .452	P= .347	P= .221
PESPLA	.6247	.4732	.4474	.4453	.5286	.0036
	(92)	(95)	(93)	(66)	(66)	(83)
	P= .000	P= .000	P= .000	P= .000	P= .000	P= .487
EGRN	.3704	.3723	.3639	.0001	-.0267	.0819
	(95)	(99)	(97)	(67)	(67)	(87)
	P= .000	P= .000	P= .000	P= .500	P= .415	P= .225
PESRN	.9886	.7555	.6939	.5606	.6160	.0281
	(95)	(99)	(97)	(67)	(67)	(87)
	P= .000	P= .000	P= .000	P= .000	P= .000	P= .398
PESMINRN	1.0000	.7377	.6711	.6007	.6343	.0749
	(0)	(94)	(92)	(64)	(64)	(82)
	P= .	P= .000	P= .000	P= .000	P= .000	P= .252
LONGRN	.7377	1.0000	.6636	.3648	.4013	.1462
	(94)	(0)	(97)	(67)	(67)	(86)
	P= .000	P= .	P= .000	P= .001	P= .000	P= .090
PCRN	.6711	.6636	1.0000	.2346	.3248	.1895
	(92)	(97)	(0)	(67)	(67)	(85)
	P= .000	P= .000	P= .	P= .028	P= .004	P= .041
PSSERN	.6007	.3648	.2346	1.0000	.7771	.1277
	(64)	(67)	(67)	(0)	(67)	(61)
	P= .000	P= .001	P= .028	P= .	P= .000	P= .163
PSTRRN	.6343	.4013	.3248	.7771	1.0000	.0228
	(64)	(67)	(67)	(67)	(0)	(61)
	P= .000	P= .000	P= .004	P= .000	P= .	P= .431
GLCORD	.0749	.1462	.1895	.1277	.0228	1.0000
	(82)	(86)	(85)	(61)	(61)	(0)
	P= .252	P= .090	P= .041	P= .163	P= .431	P= .
IRICORD	.1942	.1191	-.0939	.3796	.3573	.1524
	(82)	(86)	(85)	(61)	(61)	(86)
	P= .040	P= .137	P= .196	P= .001	P= .002	P= .081
CPCORD	.2498	.2057	-.0291	.4228	.2882	.1277
	(82)	(86)	(85)	(60)	(60)	(86)
	P= .012	P= .029	P= .396	P= .000	P= .013	P= .121
IRGCORD	.1987	.1959	.2239	.0368	.0665	-.0935
	(81)	(85)	(84)	(60)	(60)	(86)
	P= .038	P= .036	P= .020	P= .390	P= .307	P= .196
ACIRICOR	.0327	-.1146	-.4379	-.1758	.0113	-.2776
	(12)	(13)	(13)	(13)	(13)	(13)
	P= .460	P= .355	P= .067	P= .283	P= .485	P= .179
HBFCORD	-.0637	.0234	-.1651	-.1824	-.1599	.0391
	(37)	(39)	(39)	(34)	(34)	(39)
	P= .354	P= .444	P= .158	P= .151	P= .183	P= .407
GLMIN1H	-.1357	-.0837	.1217	-.1298	-.0409	.0251
	(80)	(84)	(83)	(59)	(59)	(85)
	P= .115	P= .224	P= .136	P= .164	P= .379	P= .410
IRI1H	.2014	.0431	-.0900	.3987	.3441	.0524
	(78)	(82)	(81)	(59)	(59)	(83)
	P= .038	P= .350	P= .212	P= .001	P= .004	P= .319

Correlations:	PESMINRN	LONGRN	PCRN	PSSERN	PSTRRN	GLCORD
CP1H	.1349	.0300	-.1244	.2691	.2619	.0454
	(80)	(84)	(83)	(59)	(59)	(85)
	P= .116	P= .393	P= .131	P= .020	P= .023	P= .340
IRG1H	.2013	.2287	.2403	-.0106	.0552	-.1021
	(76)	(80)	(79)	(57)	(57)	(81)
	P= .041	P= .021	P= .016	P= .469	P= .342	P= .182
SEMGL1H	-.1199	-.1829	-.0336	.0019	.0821	-.3276
	(77)	(81)	(80)	(58)	(58)	(82)
	P= .149	P= .051	P= .384	P= .494	P= .270	P= .001
PHFET	-.0034	.0543	.0987	-.1912	.0312	-.3229
	(94)	(98)	(96)	(67)	(67)	(87)
	P= .487	P= .298	P= .169	P= .061	P= .401	P= .001
EBFET	.1252	.0788	.1126	-.0557	.1525	-.2899
	(93)	(97)	(95)	(67)	(67)	(86)
	P= .116	P= .221	P= .139	P= .327	P= .109	P= .003
VISDIAB	.2050	-.0157	-.2180	.4138	.2919	-.2004
	(48)	(51)	(50)	(40)	(40)	(47)
	P= .081	P= .457	P= .064	P= .004	P= .034	P= .088
PESP50RN	.4089	.3857	.3801	.0231	.1039	.0712
	(95)	(99)	(97)	(67)	(67)	(87)
	P= .000	P= .000	P= .000	P= .426	P= .201	P= .256
GLUPREMX	-.0437	-.1729	-.3091	.4149	.0344	.0212
	(25)	(27)	(26)	(16)	(16)	(28)
	P= .418	P= .194	P= .062	P= .055	P= .450	P= .457
GLUPROMP	.0628	-.0331	-.1392	.4340	.0915	.1601
	(24)	(25)	(24)	(17)	(17)	(26)
	P= .385	P= .438	P= .258	P= .041	P= .363	P= .217

Correlations:	IRICORD	CPCORD	IRGCORD	ACIRICOR	HBFCORD	GLMIN1H
NUMGEST	-.1397	-.1990	.0652	-.0922	.0744	.0173
	(87)	(87)	(86)	(13)	(39)	(85)
	P= .098	P= .032	P= .276	P= .382	P= .326	P= .438
EDADMAT	-.1375	-.1397	-.0769	-.1989	-.0776	.1169
	(87)	(87)	(86)	(13)	(39)	(85)
	P= .102	P= .098	P= .241	P= .257	P= .319	P= .143
TALLAMAT	.1798	.1393	.0229	-.0261	-.1581	-.0181
	(83)	(83)	(82)	(13)	(35)	(81)
	P= .052	P= .105	P= .419	P= .466	P= .182	P= .436
PESMATH	-.0664	.0181	-.0081	-.0536	-.2731	-.0134
	(84)	(84)	(83)	(13)	(37)	(82)
	P= .274	P= .435	P= .471	P= .431	P= .051	P= .453
PESMATT	.0668	.0617	-.0754	-.2233	-.2363	-.0392
	(83)	(83)	(82)	(13)	(35)	(81)
	P= .274	P= .290	P= .250	P= .232	P= .086	P= .364
PESMAT1T	.1460	.1249	.0366	.3846	-.6824	-.1265
	(26)	(26)	(25)	(7)	(12)	(25)
	P= .238	P= .272	P= .431	P= .197	P= .007	P= .273
PESMAT2T	-.0471	.0030	.1267	.0418	-.4227	-.0777
	(56)	(57)	(56)	(12)	(27)	(54)
	P= .365	P= .491	P= .176	P= .449	P= .014	P= .288
PESMAT3T	-.0924	-.0260	.0014	-.0895	-.3789	-.0503
	(73)	(73)	(73)	(13)	(33)	(71)
	P= .218	P= .414	P= .495	P= .386	P= .015	P= .338

Correlations:	IRICORD	CPCORD	IRGCORD	ACIRICOR	HBFCORD	GLMIN1H
PESMATP	-.0792	-.0041	.0101	-.1461	-.3612	-.0641
	(76)	(76)	(76)	(13)	(35)	(74)
	P= .248	P= .486	P= .466	P= .317	P= .017	P= .294
PESMATMX	-.0798	-.0038	.0032	-.1099	-.3595	-.0533
	(76)	(76)	(76)	(13)	(35)	(74)
	P= .247	P= .487	P= .489	P= .360	P= .017	P= .326
PSSEMAT	-.1696	-.1099	-.1579	.1339	-.2749	.1535
	(52)	(51)	(51)	(13)	(31)	(50)
	P= .115	P= .221	P= .134	P= .331	P= .067	P= .144
PSTRMAT	-.1457	-.1122	-.1230	-.1402	-.2478	.0846
	(52)	(51)	(51)	(13)	(31)	(50)
	P= .151	P= .217	P= .195	P= .324	P= .089	P= .280
INSEX1T	.4302	.5478	.0752	.3035	.4967	-.4379
	(11)	(11)	(11)	(6)	(5)	(11)
	P= .093	P= .041	P= .413	P= .279	P= .197	P= .089
INSEX2T	.4754	.3482	.2490	.0702	-.2057	-.4490
	(22)	(22)	(22)	(12)	(11)	(22)
	P= .013	P= .056	P= .132	P= .414	P= .272	P= .018
INSEX3T	.4675	.3980	.3776	.1873	-.0017	-.3798
	(34)	(33)	(34)	(13)	(13)	(34)
	P= .003	P= .011	P= .014	P= .270	P= .498	P= .013
HBGL1CN	.2626	-.2067	.1140	.4139	.1865	-.6898
	(14)	(14)	(14)	(8)	(7)	(14)
	P= .182	P= .239	P= .349	P= .154	P= .344	P= .003
HBGL2CN	.1974	.1840	.3492	-.7731	-.6622	-.1943
	(30)	(30)	(30)	(11)	(13)	(30)
	P= .148	P= .165	P= .029	P= .003	P= .007	P= .152
HBGL3CN	.4419	.2476	.1114	.1696	.1618	-.3783
	(51)	(50)	(51)	(13)	(21)	(49)
	P= .001	P= .042	P= .218	P= .290	P= .242	P= .004
HBGLUSCN	-.1285	.1787	.2284	.2575	-.4221	-.0924
	(31)	(30)	(31)	(7)	(13)	(30)
	P= .245	P= .172	P= .108	P= .289	P= .075	P= .314
HBGLMATP	.1504	.1912	.1165	.0821	-.0694	-.2721
	(87)	(87)	(86)	(13)	(39)	(85)
	P= .082	P= .038	P= .143	P= .395	P= .337	P= .006
GLEXMATP	.1178	.0611	.0038	.1295	.2980	-.1761
	(75)	(75)	(74)	(13)	(35)	(74)
	P= .157	P= .301	P= .487	P= .337	P= .041	P= .067
INSEXPAR	.4058	.1406	.0547	.4634	.1293	-.3692
	(33)	(32)	(33)	(13)	(14)	(33)
	P= .010	P= .221	P= .381	P= .055	P= .330	P= .017
ACIRIMCN	.5233	.2734	.0976	.9548	.6109	-.0909
	(24)	(23)	(24)	(13)	(12)	(24)
	P= .004	P= .103	P= .325	P= .000	P= .017	P= .336
GLMATP	.1209	.0984	-.0155	-.2923	-.1040	-.0079
	(80)	(80)	(80)	(13)	(38)	(79)
	P= .143	P= .193	P= .446	P= .166	P= .267	P= .472
IRIMATP	.4816	.2111	.0706	.7724	-.1041	-.2320
	(74)	(74)	(73)	(12)	(38)	(72)
	P= .000	P= .035	P= .276	P= .002	P= .267	P= .025
CPMATP	-.2059	-.1908	.0538	-.1717	-.3234	.1469
	(63)	(63)	(63)	(13)	(39)	(62)
	P= .053	P= .067	P= .338	P= .287	P= .022	P= .127

Correlations:	IRICORD	CPCORD	IRGCORD	ACIRICOR	HBFCORD	GLMIN1H
IRGMATP	.1874	.0858	.4507	.3147	.1512	-.1373
	(61)	(61)	(62)	(13)	(37)	(60)
	P= .074	P= .255	P= .000	P= .148	P= .186	P= .148
PESPLA	.2339	.2078	.1091	.1799	.1030	-.1529
	(83)	(83)	(82)	(13)	(39)	(81)
	P= .017	P= .030	P= .165	P= .278	P= .266	P= .086
EGRN	-.2252	-.0227	.1826	-.6071	-.1721	.1723
	(87)	(87)	(86)	(13)	(39)	(85)
	P= .018	P= .417	P= .046	P= .014	P= .147	P= .057
PESRN	.1475	.2141	.1825	-.0636	-.0863	-.1419
	(87)	(87)	(86)	(13)	(39)	(85)
	P= .086	P= .023	P= .046	P= .418	P= .301	P= .098
PESMINRN	.1942	.2498	.1987	.0327	-.0637	-.1357
	(82)	(82)	(81)	(12)	(37)	(80)
	P= .040	P= .012	P= .038	P= .460	P= .354	P= .115
LONGRN	.1191	.2057	.1959	-.1146	.0234	-.0837
	(86)	(86)	(85)	(13)	(39)	(84)
	P= .137	P= .029	P= .036	P= .355	P= .444	P= .224
PCRN	-.0939	-.0291	.2239	-.4379	-.1651	.1217
	(85)	(85)	(84)	(13)	(39)	(83)
	P= .196	P= .396	P= .020	P= .067	P= .158	P= .136
PSSERN	.3796	.4228	.0368	-.1758	-.1824	-.1298
	(61)	(60)	(60)	(13)	(34)	(59)
	P= .001	P= .000	P= .390	P= .283	P= .151	P= .164
PSTRRN	.3573	.2882	.0665	.0113	-.1599	-.0409
	(61)	(60)	(60)	(13)	(34)	(59)
	P= .002	P= .013	P= .307	P= .485	P= .183	P= .379
GLCORD	.1524	.1277	-.0935	-.2776	.0391	.0251
	(86)	(86)	(86)	(13)	(39)	(85)
	P= .081	P= .121	P= .196	P= .179	P= .407	P= .410
IRICORD	1.0000	.6422	-.0005	.7123	.3511	-.4810
	(0)	(86)	(85)	(13)	(38)	(84)
	P= .	P= .000	P= .498	P= .003	P= .015	P= .000
CPCORD	.6422	1.0000	-.0415	.0524	-.0020	-.4609
	(86)	(0)	(85)	(13)	(39)	(84)
	P= .000	P= .	P= .353	P= .432	P= .495	P= .000
IRGCORD	-.0005	-.0415	1.0000	-.0880	-.0607	.0143
	(85)	(85)	(0)	(13)	(38)	(84)
	P= .498	P= .353	P= .	P= .387	P= .359	P= .448
ACIRICOR	.7123	.0524	-.0880	1.0000	.6625	-.1046
	(13)	(13)	(13)	(0)	(12)	(13)
	P= .003	P= .432	P= .387	P= .	P= .009	P= .367
HBFCORD	.3511	-.0020	-.0607	.6625	1.0000	-.1530
	(38)	(39)	(38)	(12)	(0)	(39)
	P= .015	P= .495	P= .359	P= .009	P= .	P= .176
GLMIN1H	-.4810	-.4609	.0143	-.1046	-.1530	1.0000
	(84)	(84)	(84)	(13)	(39)	(0)
	P= .000	P= .000	P= .448	P= .367	P= .176	P= .
IRI1H	.7252	.4982	-.0405	.4073	.1950	-.1959
	(83)	(82)	(82)	(13)	(37)	(83)
	P= .000	P= .000	P= .359	P= .084	P= .124	P= .038
CP1H	.5726	.7447	.0739	.1977	.1817	-.0981
	(84)	(84)	(84)	(13)	(39)	(85)
	P= .000	P= .000	P= .252	P= .259	P= .134	P= .186

Correlations:	IRICORD	CPCORD	IRGCORD	ACIRICOR	HBFCORD	GLMIN1H
IRG1H	-.0307	-.0578	.8746	-.0193	-.0869	-.0048
	(80)	(80)	(80)	(12)	(36)	(81)
	P= .394	P= .305	P= .000	P= .476	P= .307	P= .483
SEMGL1H	-.2574	-.2910	-.0325	-.0921	-.0664	.4740
	(81)	(81)	(81)	(13)	(36)	(82)
	P= .010	P= .004	P= .387	P= .382	P= .350	P= .000
PHFET	-.1947	-.2315	-.1387	.1615	-.0974	.0931
	(87)	(87)	(86)	(13)	(39)	(85)
	P= .035	P= .015	P= .101	P= .299	P= .278	P= .198
EBFET	-.1036	-.1215	-.0632	.0763	-.1850	.0280
	(86)	(86)	(85)	(13)	(39)	(84)
	P= .171	P= .133	P= .283	P= .402	P= .130	P= .400
VISDIAB	.4479	.4366	.1259	-.0939	.4049	-.3892
	(47)	(46)	(47)	(12)	(21)	(45)
	P= .001	P= .001	P= .200	P= .386	P= .034	P= .004
PESP50RN	-.2911	-.0708	.1790	-.6668	-.2889	.1649
	(87)	(87)	(86)	(13)	(39)	(85)
	P= .003	P= .257	P= .050	P= .006	P= .037	P= .066
GLUPREMX	.2881	.2690	-.2344	.1902	.1943	-.6196
	(28)	(28)	(28)	(9)	(8)	(28)
	P= .069	P= .083	P= .115	P= .312	P= .322	P= .000
GLUPROMP	.2516	.1401	-.2583	.1667	.2260	-.6153
	(26)	(25)	(26)	(9)	(8)	(26)
	P= .108	P= .252	P= .101	P= .334	P= .295	P= .000

Correlations:	IRI1H	CP1H	IRG1H	SEMGL1H	PHFET	EBFET
NUMGEST	-.1040	-.1014	.0421	.1382	.0427	.2235
	(83)	(85)	(81)	(82)	(99)	(98)
	P= .175	P= .178	P= .354	P= .108	P= .337	P= .013
EDADMAT	-.0489	-.0237	-.1328	.0907	-.0689	.2245
	(83)	(85)	(81)	(82)	(99)	(98)
	P= .330	P= .415	P= .119	P= .209	P= .249	P= .013
TALLAMAT	.2070	.1616	.0310	-.1931	-.0447	-.0166
	(79)	(81)	(77)	(78)	(95)	(94)
	P= .034	P= .075	P= .394	P= .045	P= .334	P= .437
PESMATH	-.0404	-.0624	-.0787	-.0256	-.0560	.0724
	(80)	(82)	(78)	(79)	(95)	(94)
	P= .361	P= .289	P= .247	P= .411	P= .295	P= .244
PESMATT	.1232	.0793	-.1165	-.1495	-.0956	.1158
	(79)	(81)	(77)	(78)	(95)	(94)
	P= .140	P= .241	P= .156	P= .096	P= .178	P= .133
PESMAT1T	.1554	-.0292	.0760	.1709	.0139	-.2175
	(25)	(25)	(24)	(25)	(28)	(28)
	P= .229	P= .445	P= .362	P= .207	P= .472	P= .133
PESMAT2T	-.0538	-.1152	-.0537	.0310	-.1148	.0737
	(52)	(54)	(51)	(53)	(62)	(62)
	P= .352	P= .203	P= .354	P= .413	P= .187	P= .285
PESMAT3T	-.0712	-.1466	-.0808	.0472	-.0004	.0837
	(69)	(71)	(67)	(68)	(83)	(83)
	P= .280	P= .111	P= .258	P= .351	P= .498	P= .226
PESMATP	-.0477	-.1201	-.0362	-.0746	-.0287	.0498
	(72)	(74)	(70)	(71)	(86)	(86)
	P= .345	P= .154	P= .383	P= .268	P= .396	P= .324
PESMATMX	-.0492	-.1016	-.0426	-.0852	-.0458	.0644
	(72)	(74)	(70)	(71)	(86)	(86)
	P= .341	P= .194	P= .363	P= .240	P= .338	P= .278

Correlations:	IRI1H	CP1H	IRG1H	SEMGL1H	PHFET	EBFET
PSSEMAT	-.0164	-.1038	-.1922	.0661	.0169	.1686
	(50)	(50)	(48)	(49)	(58)	(58)
	P= .455	P= .237	P= .095	P= .326	P= .450	P= .103
PSTRMAT	.0239	-.1563	-.2048	.0368	.0020	.0142
	(50)	(50)	(48)	(49)	(58)	(58)
	P= .435	P= .139	P= .081	P= .401	P= .494	P= .458
INSEX1T	.1272	.4730	.2692	-.0850	.0147	.0926
	(11)	(11)	(10)	(11)	(11)	(11)
	P= .355	P= .071	P= .226	P= .402	P= .483	P= .393
INSEX2T	.2064	.4381	.3328	-.1700	-.1717	-.1949
	(22)	(22)	(21)	(22)	(22)	(22)
	P= .178	P= .021	P= .070	P= .225	P= .222	P= .192
INSEX3T	.3019	.4049	.3396	-.1908	-.1547	-.3114
	(34)	(34)	(33)	(34)	(35)	(35)
	P= .041	P= .009	P= .027	P= .140	P= .187	P= .034
HBGL1CN	-.0551	-.2008	.1814	-.3066	-.2917	.0381
	(14)	(14)	(13)	(14)	(14)	(14)
	P= .426	P= .246	P= .277	P= .143	P= .156	P= .449
HBGL2CN	.0482	.1489	.4632	-.0964	-.1746	-.1434
	(30)	(30)	(29)	(30)	(31)	(31)
	P= .400	P= .216	P= .006	P= .306	P= .174	P= .221
HBGL3CN	.0251	-.0293	-.0024	-.1845	-.1969	.1518
	(49)	(49)	(47)	(47)	(54)	(54)
	P= .432	P= .421	P= .494	P= .107	P= .077	P= .137
HBGLUSCN	-.1663	.3003	-.0088	-.1596	-.3940	.2530
	(30)	(30)	(28)	(28)	(32)	(32)
	P= .190	P= .053	P= .482	P= .209	P= .013	P= .081
HBGLMATP	.0260	.0638	-.1102	-.1944	-.2605	.1082
	(83)	(85)	(81)	(82)	(97)	(96)
	P= .408	P= .281	P= .164	P= .040	P= .005	P= .147
GLEXMATP	.0314	.0823	-.0356	-.2293	-.1674	-.2262
	(72)	(74)	(70)	(71)	(77)	(76)
	P= .397	P= .243	P= .385	P= .027	P= .073	P= .025
INSEXPAR	.0947	.1543	.0911	-.3106	-.0291	-.0277
	(33)	(33)	(32)	(33)	(33)	(33)
	P= .300	P= .196	P= .310	P= .039	P= .436	P= .439
ACIRIMCN	.3960	.4554	.0857	.1047	.0620	.3231
	(24)	(24)	(23)	(24)	(24)	(24)
	P= .028	P= .013	P= .349	P= .313	P= .387	P= .062
GLMATP	.0703	.0169	.0674	-.2284	-.2372	-.2982
	(77)	(79)	(75)	(76)	(81)	(81)
	P= .272	P= .441	P= .283	P= .024	P= .016	P= .003
IRIMATP	.2888	.2295	.1093	-.0858	.0143	.0731
	(70)	(72)	(68)	(69)	(75)	(75)
	P= .008	P= .026	P= .187	P= .242	P= .452	P= .267
CPMATP	-.2061	-.2628	.1404	-.0017	-.0595	-.0728
	(60)	(62)	(59)	(59)	(64)	(64)
	P= .057	P= .020	P= .144	P= .495	P= .320	P= .284
IRGMATP	-.0030	-.0350	.4246	.0022	.0129	-.0861
	(58)	(60)	(57)	(57)	(62)	(62)
	P= .491	P= .395	P= .000	P= .494	P= .460	P= .253
PESPLA	.0936	.0391	.1353	-.1556	.1422	.1395
	(79)	(81)	(78)	(78)	(95)	(94)
	P= .206	P= .365	P= .119	P= .087	P= .085	P= .090

Correlations:	IRI1H	CP1H	IRG1H	SEMGL1H	PHFET	EBFET
EGRN	-.0993	.0355	.1313	.0525	.0710	.0639
	(83)	(85)	(81)	(82)	(99)	(98)
	P= .186	P= .374	P= .121	P= .320	P= .243	P= .266
PESRN	.1020	.0567	.2134	-.1001	.0569	.0725
	(83)	(85)	(81)	(82)	(99)	(98)
	P= .179	P= .303	P= .028	P= .185	P= .288	P= .239
PESMINRN	.2014	.1349	.2013	-.1199	-.0034	.1252
	(78)	(80)	(76)	(77)	(94)	(93)
	P= .038	P= .116	P= .041	P= .149	P= .487	P= .116
LONGRN	.0431	.0300	.2287	-.1829	.0543	.0788
	(82)	(84)	(80)	(81)	(98)	(97)
	P= .350	P= .393	P= .021	P= .051	P= .298	P= .221
PCRN	-.0900	-.1244	.2403	-.0336	.0987	.1126
	(81)	(83)	(79)	(80)	(96)	(95)
	P= .212	P= .131	P= .016	P= .384	P= .169	P= .139
PSSERN	.3987	.2691	-.0106	.0019	-.1912	-.0557
	(59)	(59)	(57)	(58)	(67)	(67)
	P= .001	P= .020	P= .469	P= .494	P= .061	P= .327
PSTRRN	.3441	.2619	.0552	.0821	.0312	.1525
	(59)	(59)	(57)	(58)	(67)	(67)
	P= .004	P= .023	P= .342	P= .270	P= .401	P= .109
GLCORD	.0524	.0454	-.1021	-.3276	-.3229	-.2899
	(83)	(85)	(81)	(82)	(87)	(86)
	P= .319	P= .340	P= .182	P= .001	P= .001	P= .003
IRICORD	.7252	.5726	-.0307	-.2574	-.1947	-.1036
	(83)	(84)	(80)	(81)	(87)	(86)
	P= .000	P= .000	P= .394	P= .010	P= .035	P= .171
CPCORD	.4982	.7447	-.0578	-.2910	-.2315	-.1215
	(82)	(84)	(80)	(81)	(87)	(86)
	P= .000	P= .000	P= .305	P= .004	P= .015	P= .133
IRGCORD	-.0405	.0739	.8746	-.0325	-.1387	-.0632
	(82)	(84)	(80)	(81)	(86)	(85)
	P= .359	P= .252	P= .000	P= .387	P= .101	P= .283
ACIRICOR	.4073	.1977	-.0193	-.0921	.1615	.0763
	(13)	(13)	(12)	(13)	(13)	(13)
	P= .084	P= .259	P= .476	P= .382	P= .299	P= .402
HBFCORD	.1950	.1817	-.0869	-.0664	-.0974	-.1850
	(37)	(39)	(36)	(36)	(39)	(39)
	P= .124	P= .134	P= .307	P= .350	P= .278	P= .130
GLMIN1H	-.1959	-.0981	-.0048	.4740	.0931	.0280
	(83)	(85)	(81)	(82)	(85)	(84)
	P= .038	P= .186	P= .483	P= .000	P= .198	P= .400
IRI1H	1.0000	.6335	-.1142	-.1094	-.1857	-.1141
	(0)	(83)	(80)	(80)	(83)	(82)
	P= .	P= .000	P= .156	P= .167	P= .046	P= .154
CP1H	.6335	1.0000	.0266	-.1647	-.2586	-.0643
	(83)	(0)	(81)	(82)	(85)	(84)
	P= .000	P= .	P= .407	P= .070	P= .008	P= .281
IRG1H	-.1142	.0266	1.0000	-.0738	.0668	.0032
	(80)	(81)	(0)	(78)	(81)	(80)
	P= .156	P= .407	P= .	P= .260	P= .277	P= .489
SEMGL1H	-.1094	-.1647	-.0738	1.0000	.3180	.0623
	(80)	(82)	(78)	(0)	(82)	(81)
	P= .167	P= .070	P= .260	P= .	P= .002	P= .290

Correlations:	IRI1H	CP1H	IRG1H	SEMGL1H	PHFET	EBFET
PHFET	-.1857	-.2586	.0668	.3180	1.0000	.4525
	(83)	(85)	(81)	(82)	(0)	(98)
	P= .046	P= .008	P= .277	P= .002	P= .	P= .000
EBFET	-.1141	-.0643	.0032	.0623	.4525	1.0000
	(82)	(84)	(80)	(81)	(98)	(0)
	P= .154	P= .281	P= .489	P= .290	P= .000	P= .
VISDIAB	.2881	.3756	.0801	-.2952	-.2623	-.1236
	(45)	(45)	(43)	(43)	(51)	(51)
	P= .027	P= .005	P= .305	P= .027	P= .031	P= .194
PESP50RN	-.1904	.0022	.1639	.0515	.1199	.1281
	(83)	(85)	(81)	(82)	(99)	(98)
	P= .042	P= .492	P= .072	P= .323	P= .119	P= .104
GLUPREMX	.0412	.0734	-.2228	-.4881	-.0690	-.0289
	(28)	(28)	(26)	(28)	(28)	(28)
	P= .418	P= .355	P= .137	P= .004	P= .364	P= .442
GLUPROMP	.0353	-.0944	-.2250	-.5184	-.1290	.0650
	(26)	(26)	(25)	(26)	(26)	(26)
	P= .432	P= .323	P= .140	P= .003	P= .265	P= .376

Correlations:	VISDIAB	PESP50RN	GLUPREMX	GLUPROMP
NUMGEST	-.4801	.0867	.1398	.0863
	(51)	(100)	(28)	(26)
	P= .000	P= .196	P= .239	P= .338
EDADMAT	-.3920	.0111	.1131	.1573
	(51)	(100)	(28)	(26)
	P= .002	P= .456	P= .283	P= .221
TALLAMAT	.0297	.2449	-.0140	-.0298
	(51)	(95)	(28)	(26)
	P= .418	P= .008	P= .472	P= .443
PESMATH	-.3514	.1879	.1162	.2247
	(51)	(95)	(27)	(25)
	P= .006	P= .034	P= .282	P= .140
PESMATT	-.2978	.1078	.1835	.2374
	(51)	(95)	(28)	(26)
	P= .017	P= .149	P= .175	P= .121
PESMAT1T	-.4567	.0808	.2047	.2091
	(17)	(28)	(14)	(14)
	P= .033	P= .341	P= .241	P= .237
PESMAT2T	-.4602	.1835	.0357	.2848
	(43)	(62)	(25)	(22)
	P= .001	P= .077	P= .433	P= .099
PESMAT3T	-.3858	.2700	.0170	.2284
	(50)	(83)	(28)	(26)
	P= .003	P= .007	P= .466	P= .131
PESMATP	-.3311	.2840	.0327	.2213
	(50)	(87)	(28)	(26)
	P= .009	P= .004	P= .434	P= .139
PESMATMX	-.3584	.2972	.0278	.2270
	(50)	(86)	(28)	(26)
	P= .005	P= .003	P= .444	P= .132
PSSEMAT	-.3825	.0314	.1638	.1774
	(36)	(58)	(14)	(15)
	P= .011	P= .408	P= .288	P= .263
PSTRMAT	-.3663	-.0223	.4833	.4212
	(36)	(58)	(14)	(15)
	P= .014	P= .434	P= .040	P= .059

Correlations:	VISDIAB	PESP5ORN	GLUPREMX	GLUPROMP
INSEX1T	.4823	-.2565	.6691	.4732
	(10)	(11)	(10)	(10)
	P= .079	P= .223	P= .017	P= .084
INSEX2T	.5690	-.0116	.3949	.2820
	(19)	(22)	(19)	(19)
	P= .006	P= .480	P= .047	P= .121
INSEX3T	.7130	-.0477	.3610	.1483
	(29)	(35)	(26)	(26)
	P= .000	P= .393	P= .035	P= .235
HBGL1CN	-.2826	-.3429	.3866	.4688
	(13)	(14)	(13)	(13)
	P= .175	P= .115	P= .096	P= .053
HBGL2CN	.2781	-.1605	-.1857	-.2635
	(29)	(31)	(20)	(20)
	P= .072	P= .194	P= .217	P= .131
HBGL3CN	.3429	-.2108	.1729	.2626
	(48)	(54)	(28)	(26)
	P= .009	P= .063	P= .189	P= .098
HBGLUSCN	.1688	.1642	-.2607	-.2371
	(30)	(32)	(15)	(14)
	P= .186	P= .185	P= .174	P= .207
HBGLMATP	.1632	-.0414	.0007	.1112
	(51)	(98)	(28)	(26)
	P= .126	P= .343	P= .499	P= .294
GLEXMATP	.3274	.0550	.1783	-.0478
	(46)	(77)	(26)	(24)
	P= .013	P= .317	P= .192	P= .412
INSEXPAR	.5366	-.0221	.2062	.0083
	(29)	(33)	(24)	(25)
	P= .001	P= .452	P= .167	P= .484
ACIRIMCN	.0507	.0416	-.1178	-.0274
	(23)	(24)	(19)	(20)
	P= .409	P= .423	P= .316	P= .454
GLMATP	-.0839	.1342	.0129	.2487
	(46)	(81)	(26)	(24)
	P= .290	P= .116	P= .475	P= .121
IRIMATP	.2738	.0973	.3940	.2765
	(40)	(75)	(19)	(18)
	P= .044	P= .203	P= .048	P= .133
CPMATP	-.5435	.2193	-.1399	-.0699
	(37)	(64)	(16)	(17)
	P= .000	P= .041	P= .303	P= .395
IRGMATP	-.1433	-.2146	-.2961	-.2539
	(36)	(62)	(16)	(17)
	P= .202	P= .047	P= .133	P= .163
PESPLA	.0204	.0946	-.0348	.0200
	(48)	(96)	(25)	(24)
	P= .445	P= .180	P= .434	P= .463
EGRN	-.0989	.8932	-.2791	-.3656
	(51)	(100)	(28)	(26)
	P= .245	P= .000	P= .075	P= .033
PESRN	.1667	.3728	-.0390	.0505
	(51)	(100)	(28)	(26)
	P= .121	P= .000	P= .422	P= .403

Correlations:	VISDIAB	PESP5ORN	GLUPREMX	GLUPROMP
PESMINRN	.2050	.4089	-.0437	.0628
	(48)	(95)	(25)	(24)
	P= .081	P= .000	P= .418	P= .385
LONGRN	-.0157	.3857	-.1729	-.0331
	(51)	(99)	(27)	(25)
	P= .457	P= .000	P= .194	P= .438
PCRN	-.2180	.3801	-.3091	-.1392
	(50)	(97)	(26)	(24)
	P= .064	P= .000	P= .062	P= .258
PSSERN	.4138	.0231	.4149	.4340
	(40)	(67)	(16)	(17)
	P= .004	P= .426	P= .055	P= .041
PSTRRN	.2919	.1039	.0344	.0915
	(40)	(67)	(16)	(17)
	P= .034	P= .201	P= .450	P= .363
GLCORD	-.2004	.0712	.0212	.1601
	(47)	(87)	(28)	(26)
	P= .088	P= .256	P= .457	P= .217
IRICORD	.4479	-.2911	.2881	.2516
	(47)	(87)	(28)	(26)
	P= .001	P= .003	P= .069	P= .108
CPCORD	.4366	-.0708	.2690	.1401
	(46)	(87)	(28)	(25)
	P= .001	P= .257	P= .083	P= .252
IRGCORD	.1259	.1790	-.2344	-.2583
	(47)	(86)	(28)	(26)
	P= .200	P= .050	P= .115	P= .101
ACIRICOR	-.0939	-.6668	.1902	.1667
	(12)	(13)	(9)	(9)
	P= .386	P= .006	P= .312	P= .334
HBFCORD	.4049	-.2889	.1943	.2260
	(21)	(39)	(8)	(8)
	P= .034	P= .037	P= .322	P= .295
GLMIN1H	-.3892	.1649	-.6196	-.6153
	(45)	(85)	(28)	(26)
	P= .004	P= .066	P= .000	P= .000
IRI1H	.2881	-.1904	.0412	.0353
	(45)	(83)	(28)	(26)
	P= .027	P= .042	P= .418	P= .432
CP1H	.3756	.0022	.0734	-.0944
	(45)	(85)	(28)	(26)
	P= .005	P= .492	P= .355	P= .323
IRG1H	.0801	.1639	-.2228	-.2250
	(43)	(81)	(26)	(25)
	P= .305	P= .072	P= .137	P= .140
SEMGL1H	-.2952	.0515	-.4881	-.5184
	(43)	(82)	(28)	(26)
	P= .027	P= .323	P= .004	P= .003
PHFET	-.2623	.1199	-.0690	-.1290
	(51)	(99)	(28)	(26)
	P= .031	P= .119	P= .364	P= .265
EBFET	-.1236	.1281	-.0289	.0650
	(51)	(98)	(28)	(26)
	P= .194	P= .104	P= .442	P= .376

Correlations:	VISDIAB	PESP5ORN	GLUPREMX	GLUPROMP
VISDIAB	1.0000	-.0257	.3927	.1218
	(0)	(51)	(24)	(23)
	P= .	P= .429	P= .029	P= .290
PESP5ORN	-.0257	1.0000	-.1708	-.2951
	(51)	(0)	(28)	(26)
	P= .429	P= .	P= .192	P= .072
GLUPREMX	.3927	-.1708	1.0000	.9131
	(24)	(28)	(0)	(25)
	P= .029	P= .192	P= .	P= .000
GLUPROMP	.1218	-.2951	.9131	1.0000
	(23)	(26)	(25)	(0)
	P= .290	P= .072	P= .000	P= .

Correlations:	GL2A	IRI2A	CP2A	IRG2A	GLMAX2	GL2D
GL2A	1.0000	.0115	.1712	.0264	.4680	.5040
	(0)	(88)	(88)	(85)	(88)	(88)
	P= .	P= .457	P= .055	P= .405	P= .000	P= .000
IRI2A	.0115	1.0000	.6731	.0183	-.0469	-.0386
	(88)	(0)	(88)	(85)	(88)	(88)
	P= .457	P= .	P= .000	P= .434	P= .332	P= .360
CP2A	.1712	.6731	1.0000	.0817	-.0035	-.0024
	(88)	(88)	(0)	(85)	(88)	(88)
	P= .055	P= .000	P= .	P= .229	P= .487	P= .491
IRG2A	.0264	.0183	.0817	1.0000	.0121	.0146
	(85)	(85)	(85)	(0)	(85)	(85)
	P= .405	P= .434	P= .229	P= .	P= .456	P= .447
GLMAX2	.4680	-.0469	-.0035	.0121	1.0000	.9510
	(88)	(88)	(88)	(85)	(0)	(88)
	P= .000	P= .332	P= .487	P= .456	P= .	P= .000
GL2D	.5040	-.0386	-.0024	.0146	.9510	1.0000
	(88)	(88)	(88)	(85)	(88)	(0)
	P= .000	P= .360	P= .491	P= .447	P= .000	P= .
IRI2D	.2367	.7291	.7084	.0854	.1367	.1395
	(87)	(87)	(87)	(84)	(87)	(87)
	P= .014	P= .000	P= .000	P= .220	P= .103	P= .099
CP2D	.2698	.3471	.7408	.0768	.2220	.2172
	(88)	(88)	(88)	(85)	(88)	(88)
	P= .006	P= .000	P= .000	P= .242	P= .019	P= .021
IRG2D	-.0267	-.0345	-.0687	.5023	.0425	.0695
	(86)	(86)	(86)	(83)	(86)	(86)
	P= .404	P= .376	P= .265	P= .000	P= .349	P= .262
ESTGL2	.2343	-.0520	-.1009	-.0414	.7206	.6716
	(88)	(88)	(88)	(85)	(88)	(88)
	P= .014	P= .315	P= .175	P= .354	P= .000	P= .000
GL4A	.3595	-.0929	-.0511	.0205	.2109	.2251
	(78)	(78)	(78)	(75)	(78)	(78)
	P= .001	P= .209	P= .328	P= .431	P= .032	P= .024
IRI4A	-.1000	.9116	.6053	.0212	-.1972	-.1841
	(78)	(78)	(78)	(75)	(78)	(78)
	P= .192	P= .000	P= .000	P= .428	P= .042	P= .053
CP4A	.0661	.6547	.8021	.1235	-.0022	-.0057
	(78)	(78)	(78)	(75)	(78)	(78)
	P= .283	P= .000	P= .000	P= .146	P= .492	P= .480

Correlations:	GL2A	IRI2A	CP2A	IRG2A	GLMAX2	GL2D
IRG4A	.2451	-.1023	-.0585	.6177	.0370	.0910
	(77)	(77)	(77)	(74)	(77)	(77)
	P= .016	P= .188	P= .307	P= .000	P= .375	P= .216
GLMAX4	.1617	-.1860	-.2145	.0270	.5024	.4865
	(78)	(78)	(78)	(75)	(78)	(78)
	P= .079	P= .051	P= .030	P= .409	P= .000	P= .000
GL4D	.1673	-.1681	-.1665	.0009	.4480	.4719
	(78)	(78)	(78)	(75)	(78)	(78)
	P= .072	P= .071	P= .073	P= .497	P= .000	P= .000
IRI4D	-.1592	.5489	.4464	.1531	-.0635	-.0870
	(77)	(77)	(77)	(74)	(77)	(77)
	P= .083	P= .000	P= .000	P= .096	P= .292	P= .226
CP4D	-.0513	.2359	.5577	.0781	.1132	.1266
	(78)	(78)	(78)	(75)	(78)	(78)
	P= .328	P= .019	P= .000	P= .253	P= .162	P= .135
IRG4D	.0813	-.0827	-.0922	.5637	.0188	.0061
	(77)	(77)	(77)	(74)	(77)	(77)
	P= .241	P= .237	P= .213	P= .000	P= .436	P= .479
ESTGL4	.0627	-.1343	-.2191	.0613	.3952	.3893
	(78)	(78)	(78)	(75)	(78)	(78)
	P= .293	P= .121	P= .027	P= .301	P= .000	P= .000
GL7A	.1128	-.0752	.0273	.1113	.0009	.0809
	(66)	(66)	(66)	(64)	(66)	(66)
	P= .184	P= .274	P= .414	P= .191	P= .497	P= .259
IRI7A	-.0852	.9443	.5600	.0064	-.0854	-.0623
	(66)	(66)	(66)	(64)	(66)	(66)
	P= .248	P= .000	P= .000	P= .480	P= .248	P= .310
CP7A	-.0254	.6442	.6379	.0131	.0781	.1097
	(66)	(66)	(66)	(64)	(66)	(66)
	P= .420	P= .000	P= .000	P= .459	P= .267	P= .190
IRG7A	.1133	-.0939	.0438	.5427	.0772	.0923
	(64)	(64)	(64)	(62)	(64)	(64)
	P= .186	P= .230	P= .365	P= .000	P= .272	P= .234
GLMAX7	.2136	.0243	.2445	.1890	.2026	.1972
	(65)	(65)	(65)	(63)	(65)	(65)
	P= .044	P= .424	P= .025	P= .069	P= .053	P= .058
GL7D	.2824	-.0090	.2615	.1235	.2546	.2819
	(65)	(65)	(65)	(63)	(65)	(65)
	P= .011	P= .472	P= .018	P= .168	P= .020	P= .011
IRI7D	-.0992	.7975	.4735	.0437	-.0818	-.0911
	(65)	(65)	(65)	(63)	(65)	(65)
	P= .216	P= .000	P= .000	P= .367	P= .258	P= .235
CP7D	-.1801	.2269	.4788	.1155	.0311	-.0058
	(65)	(65)	(65)	(63)	(65)	(65)
	P= .076	P= .035	P= .000	P= .184	P= .403	P= .482
IRG7D	.0329	-.0742	.1162	.5009	.0622	.0862
	(65)	(65)	(65)	(63)	(65)	(65)
	P= .397	P= .278	P= .178	P= .000	P= .311	P= .247
ESTGL7	.2316	.0778	.2799	.1696	.1234	.0929
	(63)	(63)	(63)	(61)	(63)	(63)
	P= .034	P= .272	P= .013	P= .096	P= .168	P= .235

Correlations:	IRI2D	CP2D	IRG2D	ESTGL2	GL4A	IRI4A
GL2A	.2367	.2698	-.0267	.2343	.3595	-.1000
	(87)	(88)	(86)	(88)	(78)	(78)
	P= .014	P= .006	P= .404	P= .014	P= .001	P= .192

Correlations:	IRI2D	CP2D	IRG2D	ESTGL2	GL4A	IRI4A
IRI2A	.7291	.3471	-.0345	-.0520	-.0929	.9116
	(87)	(88)	(86)	(88)	(78)	(78)
	P= .000	P= .000	P= .376	P= .315	P= .209	P= .000
CP2A	.7084	.7408	-.0687	-.1009	-.0511	.6053
	(87)	(88)	(86)	(88)	(78)	(78)
	P= .000	P= .000	P= .265	P= .175	P= .328	P= .000
IRG2A	.0854	.0768	.5023	-.0414	.0205	.0212
	(84)	(85)	(83)	(85)	(75)	(75)
	P= .220	P= .242	P= .000	P= .354	P= .431	P= .428
GLMAX2	.1367	.2220	.0425	.7206	.2109	-.1972
	(87)	(88)	(86)	(88)	(78)	(78)
	P= .103	P= .019	P= .349	P= .000	P= .032	P= .042
GL2D	.1395	.2172	.0695	.6716	.2251	-.1841
	(87)	(88)	(86)	(88)	(78)	(78)
	P= .099	P= .021	P= .262	P= .000	P= .024	P= .053
IRI2D	1.0000	.7172	-.0115	.0383	-.0309	.7257
	(0)	(87)	(85)	(87)	(77)	(77)
	P= .	P= .000	P= .458	P= .362	P= .395	P= .000
CP2D	.7172	1.0000	.0234	.1130	.0051	.3138
	(87)	(0)	(86)	(88)	(78)	(78)
	P= .000	P= .	P= .415	P= .147	P= .482	P= .003
IRG2D	-.0115	.0234	1.0000	.0376	.1183	-.0280
	(85)	(86)	(0)	(86)	(76)	(76)
	P= .458	P= .415	P= .	P= .366	P= .154	P= .405
ESTGL2	.0383	.1130	.0376	1.0000	.2180	-.1471
	(87)	(88)	(86)	(0)	(78)	(78)
	P= .362	P= .147	P= .366	P= .	P= .028	P= .099
GL4A	-.0309	.0051	.1183	.2180	1.0000	-.1085
	(77)	(78)	(76)	(78)	(0)	(82)
	P= .395	P= .482	P= .154	P= .028	P= .	P= .166
IRI4A	.7257	.3138	-.0280	-.1471	-.1085	1.0000
	(77)	(78)	(76)	(78)	(82)	(0)
	P= .000	P= .003	P= .405	P= .099	P= .166	P= .
CP4A	.5814	.5429	.0173	-.1467	.1072	.6156
	(77)	(78)	(76)	(78)	(82)	(82)
	P= .000	P= .000	P= .441	P= .100	P= .169	P= .000
IRG4A	.0060	.0168	.4507	.0410	.0682	-.0651
	(76)	(77)	(75)	(77)	(81)	(81)
	P= .479	P= .442	P= .000	P= .362	P= .273	P= .282
GLMAX4	-.1397	-.1073	.0690	.3181	.2297	-.2297
	(77)	(78)	(76)	(78)	(82)	(82)
	P= .113	P= .175	P= .277	P= .002	P= .019	P= .019
GL4D	-.1012	-.0860	.0189	.2690	.1204	-.2265
	(77)	(78)	(76)	(78)	(82)	(82)
	P= .191	P= .227	P= .436	P= .009	P= .141	P= .020
IRI4D	.6128	.4438	.0874	-.0744	.0561	.6252
	(76)	(77)	(75)	(77)	(81)	(81)
	P= .000	P= .000	P= .228	P= .260	P= .309	P= .000
CP4D	.3644	.6435	.2061	.0662	.1698	.1947
	(77)	(78)	(76)	(78)	(82)	(82)
	P= .001	P= .000	P= .037	P= .282	P= .064	P= .040
IRG4D	.0656	.0170	.5849	.0113	.0415	-.0910
	(76)	(77)	(75)	(77)	(81)	(81)
	P= .287	P= .442	P= .000	P= .461	P= .356	P= .210

Correlations:	IRI2D	CP2D	IRG2D	ESTGL2	GL4A	IRI4A
ESTGL4	-.0868	-.1136	.0761	.2946	.0272	-.1673
	(77)	(78)	(76)	(78)	(82)	(82)
	P= .226	P= .161	P= .257	P= .004	P= .404	P= .067
GL7A	.0419	.0658	.1192	-.0066	.3813	-.1599
	(65)	(66)	(64)	(66)	(67)	(67)
	P= .370	P= .300	P= .174	P= .479	P= .001	P= .098
IRI7A	.7332	.2844	-.0211	-.0907	-.1004	.8881
	(65)	(66)	(64)	(66)	(67)	(67)
	P= .000	P= .010	P= .434	P= .234	P= .210	P= .000
CP7A	.4707	.3312	.0345	-.1497	.0685	.5150
	(65)	(66)	(64)	(66)	(67)	(67)
	P= .000	P= .003	P= .393	P= .115	P= .291	P= .000
IRG7A	.0156	.0145	.3018	-.0483	.0091	-.0572
	(63)	(64)	(62)	(64)	(65)	(65)
	P= .452	P= .455	P= .009	P= .352	P= .471	P= .326
GLMAX7	.3674	.5276	.2210	.1411	.0940	-.0648
	(64)	(65)	(63)	(65)	(67)	(67)
	P= .001	P= .000	P= .041	P= .131	P= .225	P= .301
GL7D	.3523	.5495	.1377	.1871	.1549	-.0996
	(64)	(65)	(63)	(65)	(67)	(67)
	P= .002	P= .000	P= .141	P= .068	P= .105	P= .211
IRI7D	.6379	.3024	.0067	-.0240	-.0600	.7610
	(64)	(65)	(63)	(65)	(67)	(67)
	P= .000	P= .007	P= .479	P= .425	P= .315	P= .000
CP7D	.2698	.4831	.1107	.0358	.0295	.2059
	(64)	(65)	(63)	(65)	(67)	(67)
	P= .016	P= .000	P= .194	P= .388	P= .406	P= .047
IRG7D	.0385	.1953	.3323	-.0473	-.1458	-.0382
	(64)	(65)	(63)	(65)	(67)	(67)
	P= .381	P= .060	P= .004	P= .354	P= .119	P= .379
ESTGL7	.3489	.4885	.1064	.0665	.0366	-.0122
	(62)	(63)	(61)	(63)	(65)	(65)
	P= .003	P= .000	P= .207	P= .302	P= .386	P= .462

Correlations:	CP4A	IRG4A	GLMAX4	GL4D	IRI4D	CP4D
GL2A	.0661	.2451	.1617	.1673	-.1592	-.0513
	(78)	(77)	(78)	(78)	(77)	(78)
	P= .283	P= .016	P= .079	P= .072	P= .083	P= .328
IRI2A	.6547	-.1023	-.1860	-.1681	.5489	.2359
	(78)	(77)	(78)	(78)	(77)	(78)
	P= .000	P= .188	P= .051	P= .071	P= .000	P= .019
CP2A	.8021	-.0585	-.2145	-.1665	.4464	.5577
	(78)	(77)	(78)	(78)	(77)	(78)
	P= .000	P= .307	P= .030	P= .073	P= .000	P= .000
IRG2A	.1235	.6177	.0270	.0009	.1531	.0781
	(75)	(74)	(75)	(75)	(74)	(75)
	P= .146	P= .000	P= .409	P= .497	P= .096	P= .253
GLMAX2	-.0022	.0370	.5024	.4480	-.0635	.1132
	(78)	(77)	(78)	(78)	(77)	(78)
	P= .492	P= .375	P= .000	P= .000	P= .292	P= .162
GL2D	-.0057	.0910	.4865	.4719	-.0870	.1266
	(78)	(77)	(78)	(78)	(77)	(78)
	P= .480	P= .216	P= .000	P= .000	P= .226	P= .135
IRI2D	.5814	.0060	-.1397	-.1012	.6128	.3644
	(77)	(76)	(77)	(77)	(76)	(77)
	P= .000	P= .479	P= .113	P= .191	P= .000	P= .001

Correlations:	CP4A	IRG4A	GLMAX4	GL4D	IRI4D	CP4D
CP2D	.5429	.0168	-.1073	-.0860	.4438	.6435
	(78)	(77)	(78)	(78)	(77)	(78)
	P= .000	P= .442	P= .175	P= .227	P= .000	P= .000
IRG2D	.0173	.4507	.0690	.0189	.0874	.2061
	(76)	(75)	(76)	(76)	(75)	(76)
	P= .441	P= .000	P= .277	P= .436	P= .228	P= .037
ESTGL2	-.1467	.0410	.3181	.2690	-.0744	.0662
	(78)	(77)	(78)	(78)	(77)	(78)
	P= .100	P= .362	P= .002	P= .009	P= .260	P= .282
GL4A	.1072	.0682	.2297	.1204	.0561	.1698
	(82)	(81)	(82)	(82)	(81)	(82)
	P= .169	P= .273	P= .019	P= .141	P= .309	P= .064
IRI4A	.6156	-.0651	-.2297	-.2265	.6252	.1947
	(82)	(81)	(82)	(82)	(81)	(82)
	P= .000	P= .282	P= .019	P= .020	P= .000	P= .040
CP4A	1.0000	.0577	-.2113	-.2241	.5440	.5129
	(0)	(81)	(82)	(82)	(81)	(82)
	P= .	P= .304	P= .028	P= .021	P= .000	P= .000
IRG4A	.0577	1.0000	.1087	.0985	-.0833	.0068
	(81)	(0)	(81)	(81)	(80)	(81)
	P= .304	P= .	P= .167	P= .191	P= .231	P= .476
GLMAX4	-.2113	.1087	1.0000	.9001	.0030	.1018
	(82)	(81)	(0)	(82)	(81)	(82)
	P= .028	P= .167	P= .	P= .000	P= .489	P= .181
GL4D	-.2241	.0985	.9001	1.0000	-.0168	.0924
	(82)	(81)	(82)	(0)	(81)	(82)
	P= .021	P= .191	P= .000	P= .	P= .441	P= .205
IRI4D	.5440	-.0833	.0030	-.0168	1.0000	.4467
	(81)	(80)	(81)	(81)	(0)	(81)
	P= .000	P= .231	P= .489	P= .441	P= .	P= .000
CP4D	.5129	.0068	.1018	.0924	.4467	1.0000
	(82)	(81)	(82)	(82)	(81)	(0)
	P= .000	P= .476	P= .181	P= .205	P= .000	P= .
IRG4D	.0260	.7799	.0692	.0489	-.1019	.0552
	(81)	(80)	(81)	(81)	(80)	(81)
	P= .409	P= .000	P= .270	P= .332	P= .184	P= .312
ESTGL4	-.2920	.1176	.8533	.8152	.0357	.1044
	(82)	(81)	(82)	(82)	(81)	(82)
	P= .004	P= .148	P= .000	P= .000	P= .376	P= .175
GL7A	-.0469	.0211	.2363	.2192	.0084	.0735
	(67)	(67)	(67)	(67)	(66)	(67)
	P= .353	P= .433	P= .027	P= .037	P= .473	P= .277
IRI7A	.5404	-.0440	-.0828	-.0775	.5133	.1897
	(67)	(67)	(67)	(67)	(66)	(67)
	P= .000	P= .362	P= .253	P= .267	P= .000	P= .062
CP7A	.7100	.0188	.0446	.0539	.3036	.4133
	(67)	(67)	(67)	(67)	(66)	(67)
	P= .000	P= .440	P= .360	P= .332	P= .007	P= .000
IRG7A	.1806	.7109	.1400	.0955	-.0835	.0476
	(65)	(65)	(65)	(65)	(64)	(65)
	P= .075	P= .000	P= .133	P= .225	P= .256	P= .353
GLMAX7	.0380	.0804	.1635	.0595	.1957	.2659
	(67)	(67)	(67)	(67)	(66)	(67)
	P= .380	P= .259	P= .093	P= .316	P= .058	P= .015

Correlations:	CP4A	IRG4A	GLMAX4	GL4D	IRI4D	CP4D
GL7D	-.0012	.0869	.1919	.1330	.1187	.2902
	(67)	(67)	(67)	(67)	(66)	(67)
	P= .496	P= .242	P= .060	P= .142	P= .171	P= .009
IRI7D	.4386	-.0107	.0009	-.0708	.5471	.1759
	(67)	(67)	(67)	(67)	(66)	(67)
	P= .000	P= .466	P= .497	P= .284	P= .000	P= .077
CP7D	.5259	.0151	.0031	-.0613	.4223	.5546
	(67)	(67)	(67)	(67)	(66)	(67)
	P= .000	P= .452	P= .490	P= .311	P= .000	P= .000
IRG7D	.1653	.6198	.0784	.0150	-.0411	.1286
	(67)	(67)	(67)	(67)	(66)	(67)
	P= .091	P= .000	P= .264	P= .452	P= .371	P= .150
ESTGL7	.1277	.0445	.0558	-.0619	.1699	.2523
	(65)	(65)	(65)	(65)	(64)	(65)
	P= .155	P= .362	P= .329	P= .312	P= .090	P= .021

Correlations:	IRG4D	ESTGL4	GL7A	IRI7A	CP7A	IRG7A
GL2A	.0813	.0627	.1128	-.0852	-.0254	.1133
	(77)	(78)	(66)	(66)	(66)	(64)
	P= .241	P= .293	P= .184	P= .248	P= .420	P= .186
IRI2A	-.0827	-.1343	-.0752	.9443	.6442	-.0939
	(77)	(78)	(66)	(66)	(66)	(64)
	P= .237	P= .121	P= .274	P= .000	P= .000	P= .230
CP2A	-.0922	-.2191	.0273	.5600	.6379	.0438
	(77)	(78)	(66)	(66)	(66)	(64)
	P= .213	P= .027	P= .414	P= .000	P= .000	P= .365
IRG2A	.5637	.0613	.1113	.0064	.0131	.5427
	(74)	(75)	(64)	(64)	(64)	(62)
	P= .000	P= .301	P= .191	P= .480	P= .459	P= .000
GLMAX2	.0188	.3952	.0009	-.0854	.0781	.0772
	(77)	(78)	(66)	(66)	(66)	(64)
	P= .436	P= .000	P= .497	P= .248	P= .267	P= .272
GL2D	.0061	.3893	.0809	-.0623	.1097	.0923
	(77)	(78)	(66)	(66)	(66)	(64)
	P= .479	P= .000	P= .259	P= .310	P= .190	P= .234
IRI2D	.0656	-.0868	.0419	.7332	.4707	.0156
	(76)	(77)	(65)	(65)	(65)	(63)
	P= .287	P= .226	P= .370	P= .000	P= .000	P= .452
CP2D	.0170	-.1136	.0658	.2844	.3312	.0145
	(77)	(78)	(66)	(66)	(66)	(64)
	P= .442	P= .161	P= .300	P= .010	P= .003	P= .455
IRG2D	.5849	.0761	.1192	-.0211	.0345	.3018
	(75)	(76)	(64)	(64)	(64)	(62)
	P= .000	P= .257	P= .174	P= .434	P= .393	P= .009
ESTGL2	.0113	.2946	-.0066	-.0907	-.1497	-.0483
	(77)	(78)	(66)	(66)	(66)	(64)
	P= .461	P= .004	P= .479	P= .234	P= .115	P= .352
GL4A	.0415	.0272	.3813	-.1004	.0685	.0091
	(81)	(82)	(67)	(67)	(67)	(65)
	P= .356	P= .404	P= .001	P= .210	P= .291	P= .471
IRI4A	-.0910	-.1673	-.1599	.8881	.5150	-.0572
	(81)	(82)	(67)	(67)	(67)	(65)
	P= .210	P= .067	P= .098	P= .000	P= .000	P= .326
CP4A	.0260	-.2920	-.0469	.5404	.7100	.1806
	(81)	(82)	(67)	(67)	(67)	(65)
	P= .409	P= .004	P= .353	P= .000	P= .000	P= .075

Correlations:	IRG4D	ESTGL4	GL7A	IRI7A	CP7A	IRG7A
IRG4A	.7799	.1176	.0211	-.0440	.0188	.7109
	(80)	(81)	(67)	(67)	(67)	(65)
	P= .000	P= .148	P= .433	P= .362	P= .440	P= .000
GLMAX4	.0692	.8533	.2363	-.0828	.0446	.1400
	(81)	(82)	(67)	(67)	(67)	(65)
	P= .270	P= .000	P= .027	P= .253	P= .360	P= .133
GL4D	.0489	.8152	.2192	-.0775	.0539	.0955
	(81)	(82)	(67)	(67)	(67)	(65)
	P= .332	P= .000	P= .037	P= .267	P= .332	P= .225
IRI4D	-.1019	.0357	.0084	.5133	.3036	-.0835
	(80)	(81)	(66)	(66)	(66)	(64)
	P= .184	P= .376	P= .473	P= .000	P= .007	P= .256
CP4D	.0552	.1044	.0735	.1897	.4133	.0476
	(81)	(82)	(67)	(67)	(67)	(65)
	P= .312	P= .175	P= .277	P= .062	P= .000	P= .353
IRG4D	1.0000	.0417	.0448	-.0357	-.0047	.6763
	(0)	(81)	(66)	(66)	(66)	(64)
	P= .	P= .356	P= .360	P= .388	P= .485	P= .000
ESTGL4	.0417	1.0000	.2122	-.0013	.0407	.1350
	(81)	(0)	(67)	(67)	(67)	(65)
	P= .356	P= .	P= .042	P= .496	P= .372	P= .142
GL7A	.0448	.2122	1.0000	.0127	.1588	.0379
	(66)	(67)	(0)	(71)	(71)	(69)
	P= .360	P= .042	P= .	P= .458	P= .093	P= .379
IRI7A	-.0357	-.0013	.0127	1.0000	.6658	.0014
	(66)	(67)	(71)	(0)	(71)	(69)
	P= .388	P= .496	P= .458	P= .	P= .000	P= .496
CP7A	-.0047	.0407	.1588	.6658	1.0000	.2600
	(66)	(67)	(71)	(71)	(0)	(69)
	P= .485	P= .372	P= .093	P= .000	P= .	P= .015
IRG7A	.6763	.1350	.0379	.0014	.2600	1.0000
	(64)	(65)	(69)	(69)	(69)	(0)
	P= .000	P= .142	P= .379	P= .496	P= .015	P= .
GLMAX7	.1070	.0946	.2986	-.0387	-.0329	-.0502
	(66)	(67)	(70)	(70)	(70)	(68)
	P= .196	P= .223	P= .006	P= .375	P= .393	P= .342
GL7D	.0444	.1122	.3106	-.0640	-.0496	-.0844
	(66)	(67)	(70)	(70)	(70)	(68)
	P= .362	P= .183	P= .004	P= .299	P= .342	P= .247
IRI7D	-.0051	.0929	.1024	.8731	.6025	.0076
	(66)	(67)	(70)	(70)	(70)	(68)
	P= .484	P= .227	P= .199	P= .000	P= .000	P= .476
CP7D	.0039	.0530	.1488	.2600	.5703	.1485
	(66)	(67)	(70)	(70)	(70)	(68)
	P= .488	P= .335	P= .109	P= .015	P= .000	P= .113
IRG7D	.5993	.0894	-.1232	-.0261	.1655	.8015
	(66)	(67)	(70)	(70)	(70)	(68)
	P= .000	P= .236	P= .155	P= .415	P= .086	P= .000
ESTGL7	.0567	.0470	.2276	-.0008	.0043	-.0075
	(64)	(65)	(68)	(68)	(68)	(66)
	P= .328	P= .355	P= .031	P= .498	P= .486	P= .476

Correlations:	GLMAX7	GL7D	IRI7D	CP7D	IRG7D	ESTGL7
GL2A	.2136	.2824	-.0992	-.1801	.0329	.2316
	(65)	(65)	(65)	(65)	(65)	(63)
	P= .044	P= .011	P= .216	P= .076	P= .397	P= .034

Correlations:	GLMAX7	GL7D	IRI7D	CP7D	IRG7D	ESTGL7
IRI2A	.0243	-.0090	.7975	.2269	-.0742	.0778
	(65)	(65)	(65)	(65)	(65)	(63)
	P= .424	P= .472	P= .000	P= .035	P= .278	P= .272
CP2A	.2445	.2615	.4735	.4788	.1162	.2799
	(65)	(65)	(65)	(65)	(65)	(63)
	P= .025	P= .018	P= .000	P= .000	P= .178	P= .013
IRG2A	.1890	.1235	.0437	.1155	.5009	.1696
	(63)	(63)	(63)	(63)	(63)	(61)
	P= .069	P= .168	P= .367	P= .184	P= .000	P= .096
GLMAX2	.2026	.2546	-.0818	.0311	.0622	.1234
	(65)	(65)	(65)	(65)	(65)	(63)
	P= .053	P= .020	P= .258	P= .403	P= .311	P= .168
GL2D	.1972	.2819	-.0911	-.0058	.0862	.0929
	(65)	(65)	(65)	(65)	(65)	(63)
	P= .058	P= .011	P= .235	P= .482	P= .247	P= .235
IRI2D	.3674	.3523	.6379	.2698	.0385	.3489
	(64)	(64)	(64)	(64)	(64)	(62)
	P= .001	P= .002	P= .000	P= .016	P= .381	P= .003
CP2D	.5276	.5495	.3024	.4831	.1953	.4885
	(65)	(65)	(65)	(65)	(65)	(63)
	P= .000	P= .000	P= .007	P= .000	P= .060	P= .000
IRG2D	.2210	.1377	.0067	.1107	.3323	.1064
	(63)	(63)	(63)	(63)	(63)	(61)
	P= .041	P= .141	P= .479	P= .194	P= .004	P= .207
ESTGL2	.1411	.1871	-.0240	.0358	-.0473	.0665
	(65)	(65)	(65)	(65)	(65)	(63)
	P= .131	P= .068	P= .425	P= .388	P= .354	P= .302
GL4A	.0940	.1549	-.0600	.0295	-.1458	.0366
	(67)	(67)	(67)	(67)	(67)	(65)
	P= .225	P= .105	P= .315	P= .406	P= .119	P= .386
IRI4A	-.0648	-.0996	.7610	.2059	-.0382	-.0122
	(67)	(67)	(67)	(67)	(67)	(65)
	P= .301	P= .211	P= .000	P= .047	P= .379	P= .462
CP4A	.0380	-.0012	.4386	.5259	.1653	.1277
	(67)	(67)	(67)	(67)	(67)	(65)
	P= .380	P= .496	P= .000	P= .000	P= .091	P= .155
IRG4A	.0804	.0869	-.0107	.0151	.6198	.0445
	(67)	(67)	(67)	(67)	(67)	(65)
	P= .259	P= .242	P= .466	P= .452	P= .000	P= .362
GLMAX4	.1635	.1919	.0009	.0031	.0784	.0558
	(67)	(67)	(67)	(67)	(67)	(65)
	P= .093	P= .060	P= .497	P= .490	P= .264	P= .329
GL4D	.0595	.1330	-.0708	-.0613	.0150	-.0619
	(67)	(67)	(67)	(67)	(67)	(65)
	P= .316	P= .142	P= .284	P= .311	P= .452	P= .312
IRI4D	.1957	.1187	.5471	.4223	-.0411	.1699
	(66)	(66)	(66)	(66)	(66)	(64)
	P= .058	P= .171	P= .000	P= .000	P= .371	P= .090
CP4D	.2659	.2902	.1759	.5546	.1286	.2523
	(67)	(67)	(67)	(67)	(67)	(65)
	P= .015	P= .009	P= .077	P= .000	P= .150	P= .021
IRG4D	.1070	.0444	-.0051	.0039	.5993	.0567
	(66)	(66)	(66)	(66)	(66)	(64)
	P= .196	P= .362	P= .484	P= .488	P= .000	P= .328

Correlations:	GLMAX7	GL7D	IRI7D	CP7D	IRG7D	ESTGL7
ESTGL4	.0946	.1122	.0929	.0530	.0894	.0470
	(67)	(67)	(67)	(67)	(67)	(65)
	P= .223	P= .183	P= .227	P= .335	P= .236	P= .355
GL7A	.2986	.3106	.1024	.1488	-.1232	.2276
	(70)	(70)	(70)	(70)	(70)	(68)
	P= .006	P= .004	P= .199	P= .109	P= .155	P= .031
IRI7A	-.0387	-.0640	.8731	.2600	-.0261	-.0008
	(70)	(70)	(70)	(70)	(70)	(68)
	P= .375	P= .299	P= .000	P= .015	P= .415	P= .498
CP7A	-.0329	-.0496	.6025	.5703	.1655	.0043
	(70)	(70)	(70)	(70)	(70)	(68)
	P= .393	P= .342	P= .000	P= .000	P= .086	P= .486
IRG7A	-.0502	-.0844	.0076	.1485	.8015	-.0075
	(68)	(68)	(68)	(68)	(68)	(66)
	P= .342	P= .247	P= .476	P= .113	P= .000	P= .476
GLMAX7	1.0000	.9542	.1100	.2904	.0114	.9038
	(0)	(70)	(70)	(70)	(70)	(68)
	P= .	P= .000	P= .182	P= .007	P= .463	P= .000
GL7D	.9542	1.0000	.0550	.2216	-.0178	.8301
	(70)	(0)	(70)	(70)	(70)	(68)
	P= .000	P= .	P= .326	P= .033	P= .442	P= .000
IRI7D	.1100	.0550	1.0000	.4836	.0036	.1168
	(70)	(70)	(0)	(70)	(70)	(68)
	P= .182	P= .326	P= .	P= .000	P= .488	P= .171
CP7D	.2904	.2216	.4836	1.0000	.1223	.3089
	(70)	(70)	(70)	(0)	(70)	(68)
	P= .007	P= .033	P= .000	P= .	P= .157	P= .005
IRG7D	.0114	-.0178	.0036	.1223	1.0000	.0325
	(70)	(70)	(70)	(70)	(0)	(68)
	P= .463	P= .442	P= .488	P= .157	P= .	P= .396
ESTGL7	.9038	.8301	.1168	.3089	.0325	1.0000
	(68)	(68)	(68)	(68)	(68)	(0)
	P= .000	P= .000	P= .171	P= .005	P= .396	P= .

CORRELACIONES BIVARIADAS EN LOS RN NORMALES

Correlations:	NUMGEST	EDADMAT	TALLAMAT	PESMATH	PSSEMAT	PSTRMAT
PESRN	.0407	.3895	.3121	.0455	-.1777	-.6723
	(15)	(15)	(14)	(14)	(6)	(6)
	P= .443	P= .076	P= .139	P= .439	P= .368	P= .072
PSSERN	-.1171	.0140	-.5402	.4279	.0815	-.7514
	(7)	(7)	(7)	(7)	(6)	(6)
	P= .401	P= .488	P= .105	P= .169	P= .439	P= .043
PSTRRN	.3978	.5748	-.6013	.4943	.5485	-.3403
	(7)	(7)	(7)	(7)	(6)	(6)
	P= .188	P= .089	P= .077	P= .130	P= .130	P= .255
SEMGL1H	.0678	.2963	-.5254	-.0260	.6766	.5546
	(14)	(14)	(13)	(13)	(6)	(6)
	P= .409	P= .152	P= .033	P= .466	P= .070	P= .127
GLUDES	-.2187	-.2925	-.0214	-.0800	-.6352	-.4599
	(15)	(15)	(14)	(14)	(6)	(6)
	P= .217	P= .145	P= .471	P= .393	P= .088	P= .179
GLUDESP	-.1364	-.5175	-.0812	-.1398	-.6865	-.5897
	(15)	(15)	(14)	(14)	(6)	(6)
	P= .314	P= .024	P= .391	P= .317	P= .066	P= .109

Correlations:	SCMAT	IMCMAT	INCPESM	RPMATEO	HBGL3CN	HBGLUSCN
PESRN	.1067	-.1317	.4774	-.2006	.	.
	(14)	(14)	(10)	(14)	(0)	(0)
	P= .358	P= .327	P= .081	P= .246	P= .	P= .
PSSERN	.3467	.6143	-.4836	.5626	.	.
	(7)	(7)	(5)	(7)	(0)	(0)
	P= .223	P= .071	P= .205	P= .094	P= .	P= .
PSTRRN	.4052	.7067	-.8074	.4311	.	.
	(7)	(7)	(5)	(7)	(0)	(0)
	P= .184	P= .038	P= .049	P= .167	P= .	P= .
SEMGL1H	-.1203	.2688	-.4021	.0688	.	.
	(13)	(13)	(9)	(13)	(0)	(0)
	P= .348	P= .187	P= .142	P= .412	P= .	P= .
GLUDES	-.0738	-.0802	-.0790	.0369	.	.
	(14)	(14)	(10)	(14)	(0)	(0)
	P= .401	P= .393	P= .414	P= .450	P= .	P= .
GLUDESP	-.1474	-.1102	-.1148	.0845	.	.
	(14)	(14)	(10)	(14)	(0)	(0)
	P= .308	P= .354	P= .376	P= .387	P= .	P= .

Correlations:	HBGLMATP	ACIRIMCN	GLMATP	GLCORD	IRICORD	CPCORD
PESRN	-.2118	.	-.4999	-.2506	-.1704	.0432
	(15)	(0)	(14)	(15)	(14)	(15)
	P= .224	P= .	P= .034	P= .184	P= .280	P= .439
PSSERN	-.1709	.	.1406	-.0260	.4655	.5854
	(7)	(0)	(7)	(7)	(7)	(7)
	P= .357	P= .	P= .382	P= .478	P= .146	P= .084
PSTRRN	-.1421	.	-.3921	-.3815	.0977	.2630
	(7)	(0)	(7)	(7)	(7)	(7)
	P= .381	P= .	P= .192	P= .199	P= .417	P= .284
SEMGL1H	-.1727	.	-.3540	-.5141	-.3473	-.5478
	(14)	(0)	(13)	(14)	(13)	(14)
	P= .277	P= .	P= .118	P= .030	P= .122	P= .021
GLUDES	.1096	.	.7182	.9429	.7798	.7736
	(15)	(0)	(14)	(15)	(14)	(15)
	P= .349	P= .	P= .002	P= .000	P= .001	P= .000

GLUDESP	.0699	.	.6410	.7722	.6039	.6965
	(15)	(0)	(14)	(15)	(14)	(15)
	P= .402	P= .	P= .007	P= .000	P= .011	P= .002

Correlations:	IRGCORD	ACIRICOR	GLMIN1H	IRI1H	CP1H	IRG1H
PESRN	.5672	.	.2348	.0646	-.1991	.3321
	(15)	(0)	(15)	(13)	(15)	(14)
	P= .014	P= .	P= .200	P= .417	P= .238	P= .123
PSSERN	.5104	.	-.3083	.4380	.4913	.4824
	(7)	(0)	(7)	(7)	(7)	(7)
	P= .121	P= .	P= .251	P= .163	P= .131	P= .136
PSTRRN	.2560	.	.2833	.7614	.2902	.2296
	(7)	(0)	(7)	(7)	(7)	(7)
	P= .290	P= .	P= .269	P= .023	P= .264	P= .310
SEMGL1H	.0112	.	.4359	-.0985	-.6028	-.1012
	(14)	(0)	(14)	(12)	(14)	(13)
	P= .485	P= .	P= .060	P= .380	P= .011	P= .371
GLUDES	-.2140	.	-.6048	.4557	.8269	-.1114
	(15)	(0)	(15)	(13)	(15)	(14)
	P= .222	P= .	P= .008	P= .059	P= .000	P= .352
GLUDESP	-.0635	.	-.7724	.1760	.6846	.0599
	(15)	(0)	(15)	(13)	(15)	(14)
	P= .411	P= .	P= .000	P= .283	P= .002	P= .419

CORRELACIONES BIVARIADAS EN LOS RECIEN NACIDOS HMD TIPO A DE WHITE

Correlations:	NUMGEST	EDADMAT	TALLAMAT	PESMATH	PSSEMAT	PSTRMAT
PESRN	-.2110	.0616	.2316	.1382	-.1108	-.1721
	(38)	(38)	(36)	(36)	(25)	(25)
	P= .102	P= .357	P= .087	P= .211	P= .299	P= .205
PSSERN	-.2542	.1094	-.1102	.1815	.2733	.0676
	(28)	(28)	(27)	(27)	(25)	(25)
	P= .096	P= .290	P= .292	P= .182	P= .093	P= .374
PSTRRN	-.2621	.1637	.1871	.2494	.0837	-.0764
	(28)	(28)	(27)	(27)	(25)	(25)
	P= .089	P= .203	P= .175	P= .105	P= .345	P= .358
SEMGL1H	-.0073	.2418	.0051	.0183	-.0126	-.1041
	(26)	(26)	(25)	(26)	(17)	(17)
	P= .486	P= .117	P= .490	P= .465	P= .481	P= .345
GLUDES	.0374	-.0515	-.1393	-.1245	-.1312	-.0800
	(28)	(28)	(27)	(28)	(18)	(18)
	P= .425	P= .397	P= .244	P= .264	P= .302	P= .376
GLUDESP	.1056	-.0062	-.2231	-.1179	-.1122	-.1353
	(28)	(28)	(27)	(28)	(18)	(18)
	P= .296	P= .487	P= .132	P= .275	P= .329	P= .296

Correlations:	SCMAT	IMCMAT	INCPESM	RPMATEO	HBGL3CN	HBGLUSCN
PESRN	.1474	.0652	.1402	.1092	.4489	.3383
	(35)	(35)	(35)	(35)	(27)	(17)
	P= .199	P= .355	P= .211	P= .266	P= .009	P= .092
PSSERN	.1245	.2543	-.0084	.2039	.2120	.0182
	(26)	(26)	(26)	(26)	(21)	(13)
	P= .272	P= .105	P= .484	P= .159	P= .178	P= .476
PSTRRN	.2372	.2109	-.0388	.2207	.1642	.0041
	(26)	(26)	(26)	(26)	(21)	(13)
	P= .122	P= .151	P= .425	P= .139	P= .238	P= .495

SEMGL1H	.0366	.0411	-.1773	.0096	-.1070	-.3409
	(25)	(25)	(26)	(25)	(21)	(13)
	P= .431	P= .423	P= .193	P= .482	P= .322	P= .127
GLUDES	-.1481	-.1138	.1060	-.1155	-.0799	.2468
	(27)	(27)	(28)	(27)	(23)	(15)
	P= .231	P= .286	P= .296	P= .283	P= .359	P= .188
GLUDESP	-.1454	-.0663	.0296	-.0918	-.0191	.1821
	(27)	(27)	(28)	(27)	(23)	(15)
	P= .235	P= .371	P= .441	P= .324	P= .466	P= .258

Correlations:	HBGLMATP	ACIRIMCN	GLMATP	GLCORD	IRICORD	CPCORD
PESRN	.1813	.6081	.4331	.3551	.4210	.5797
	(37)	(6)	(28)	(30)	(30)	(29)
	P= .141	P= .100	P= .011	P= .027	P= .010	P= .000
PSSERN	.1541	.4532	.2146	.1648	.3415	.6371
	(28)	(5)	(22)	(23)	(23)	(22)
	P= .217	P= .222	P= .169	P= .226	P= .055	P= .001
PSTRRN	-.0432	.2704	.3144	.2333	.2998	.4624
	(28)	(5)	(22)	(23)	(23)	(22)
	P= .414	P= .330	P= .077	P= .142	P= .082	P= .015
SEMGL1H	-.2217	-.3450	-.3612	-.4456	-.3741	-.2660
	(26)	(6)	(24)	(26)	(26)	(25)
	P= .138	P= .252	P= .041	P= .011	P= .030	P= .099
GLUDES	.1790	-.0310	.6903	.8474	.4173	.3469
	(28)	(6)	(26)	(28)	(28)	(27)
	P= .181	P= .477	P= .000	P= .000	P= .014	P= .038
GLUDESP	.2124	-.0304	.5991	.6755	.4543	.2811
	(28)	(6)	(26)	(28)	(28)	(27)
	P= .139	P= .477	P= .001	P= .000	P= .008	P= .078

Correlations:	IRGCORD	ACIRICOR	GLMIN1H	IRI1H	CP1H	IRG1H
PESRN	.1932	1.0000	-.0483	.4502	.3625	.2162
	(30)	(2)	(28)	(28)	(28)	(27)
	P= .153	P= .	P= .404	P= .008	P= .029	P= .139
PSSERN	-.1291	-1.0000	-.3218	.6191	.3281	-.2104
	(23)	(2)	(21)	(21)	(21)	(21)
	P= .279	P= .	P= .077	P= .001	P= .073	P= .180
PSTRRN	-.1264	.	-.2642	.5464	.1859	-.0353
	(23)	(2)	(21)	(21)	(21)	(21)
	P= .283	P= .	P= .124	P= .005	P= .210	P= .440
SEMGL1H	-.3409	-1.0000	.5972	-.4453	-.2345	-.3110
	(26)	(2)	(26)	(26)	(26)	(25)
	P= .044	P= .	P= .001	P= .011	P= .124	P= .065
GLUDES	.0869	-1.0000	-.6042	.3671	.1138	.0801
	(28)	(2)	(28)	(28)	(28)	(27)
	P= .330	P= .	P= .000	P= .027	P= .282	P= .346
GLUDESP	.1187	-1.0000	-.7491	.4111	.0155	.0426
	(28)	(2)	(28)	(28)	(28)	(27)
	P= .274	P= .	P= .000	P= .015	P= .469	P= .416

CORRELACIONES BIVARIADAS EN LOS RECIEN NACIDOS HMD TIPOS B,C Y D DE WHITE

Correlations:	NUMGEST	EDADMAT	TALLAMAT	PESMATH	PSSEMAT	PSTRMAT
PESRN	.0571	.0550	.2650	-.0455	-.2736	-.1726
	(27)	(27)	(27)	(26)	(15)	(15)
	P= .389	P= .393	P= .091	P= .413	P= .162	P= .269
PSSERN	-.1869	-.2901	.4547	-.0305	-.0558	.2625
	(17)	(17)	(17)	(17)	(15)	(15)
	P= .236	P= .129	P= .033	P= .454	P= .422	P= .172
PSTRRN	-.2814	-.2879	.5067	-.2769	-.2528	.0677
	(17)	(17)	(17)	(17)	(15)	(15)
	P= .137	P= .131	P= .019	P= .141	P= .182	P= .405
SEMGL1H	-.2761	-.1842	-.2376	-.0725	-.2707	-.4400
	(26)	(26)	(26)	(25)	(15)	(15)
	P= .086	P= .184	P= .121	P= .365	P= .165	P= .050
GLUDES	.5604	.3599	.1471	.3917	.5853	.7872
	(26)	(26)	(26)	(25)	(15)	(15)
	P= .001	P= .035	P= .237	P= .026	P= .011	P= .000
GLUDESP	.3588	.2253	.1724	.2370	.3362	.6365
	(26)	(26)	(26)	(25)	(15)	(15)
	P= .036	P= .134	P= .200	P= .127	P= .110	P= .005

Correlations:	SCMAT	IMCMAT	INCPESM	RPMATEO	HBGL3CN	HBGLUSCN
PESRN	-.0097	-.1079	.1695	-.1441	-.0212	-.5373
	(26)	(26)	(26)	(26)	(27)	(15)
	P= .481	P= .300	P= .204	P= .241	P= .458	P= .019
PSSERN	.0111	-.1331	.0813	-.0730	.0931	-.4275
	(17)	(17)	(17)	(17)	(17)	(11)
	P= .483	P= .305	P= .378	P= .390	P= .361	P= .095
PSTRRN	-.2211	-.3785	.1650	-.3453	.2439	-.3996
	(17)	(17)	(17)	(17)	(17)	(11)
	P= .197	P= .067	P= .263	P= .087	P= .173	P= .112
SEMGL1H	-.0926	.0075	.0003	.0904	-.1502	.0691
	(25)	(25)	(25)	(25)	(26)	(15)
	P= .330	P= .486	P= .499	P= .334	P= .232	P= .403
GLUDES	.4089	.3200	-.2127	.2331	.2951	-.0025
	(25)	(25)	(25)	(25)	(26)	(15)
	P= .021	P= .059	P= .154	P= .131	P= .072	P= .497
GLUDESP	.2469	.1668	-.0717	.0897	.2878	-.0613
	(25)	(25)	(25)	(25)	(26)	(15)
	P= .117	P= .213	P= .367	P= .335	P= .077	P= .414

Correlations:	HBGLMATP	ACIRIMCN	GLMATP	GLCORD	IRICORD	CPCORD
PESRN	-.3684	.3078	-.1128	-.1935	.3457	.1253
	(26)	(18)	(24)	(26)	(26)	(26)
	P= .032	P= .107	P= .300	P= .172	P= .042	P= .271
PSSERN	.0925	.1542	.1876	.0655	.5330	.4255
	(17)	(16)	(17)	(17)	(17)	(17)
	P= .362	P= .284	P= .235	P= .401	P= .014	P= .044
PSTRRN	-.0151	.5123	.1457	-.0511	.7789	.3594
	(17)	(16)	(17)	(17)	(17)	(17)
	P= .477	P= .021	P= .288	P= .423	P= .000	P= .078
SEMGL1H	-.1733	.2194	-.3411	-.3743	-.2846	-.2754
	(26)	(18)	(24)	(26)	(26)	(26)
	P= .199	P= .191	P= .051	P= .030	P= .079	P= .087

GLUDES	.3398	-.3061	.7093	.7515	.1716	.0854
	(26)	(18)	(24)	(26)	(26)	(26)
	P= .045	P= .108	P= .000	P= .000	P= .201	P= .339
GLUDESP	.2598	-.2614	.4427	.3837	.2761	.2187
	(26)	(18)	(24)	(26)	(26)	(26)
	P= .100	P= .147	P= .015	P= .026	P= .086	P= .142

Correlations:	IRGCORD	ACIRICOR	GLMIN1H	IRI1H	CP1H	IRG1H
PESRN	.1808	-.0015	-.2909	.2222	.1089	.1028
	(26)	(11)	(26)	(26)	(26)	(25)
	P= .188	P= .498	P= .075	P= .138	P= .298	P= .312
PSSERN	-.1232	-.1315	-.5522	.5684	.2009	-.3486
	(17)	(11)	(17)	(17)	(17)	(16)
	P= .319	P= .350	P= .011	P= .009	P= .220	P= .093
PSTRRN	.2062	.1683	-.4066	.6982	.4182	.0295
	(17)	(11)	(17)	(17)	(17)	(16)
	P= .214	P= .310	P= .053	P= .001	P= .047	P= .457
SEMGL1H	-.0209	-.0082	.6928	-.0378	-.0697	.0066
	(26)	(11)	(26)	(26)	(26)	(25)
	P= .460	P= .491	P= .000	P= .427	P= .368	P= .488
GLUDES	-.0941	-.2976	-.5108	-.0115	-.1460	-.2223
	(26)	(11)	(26)	(26)	(26)	(25)
	P= .324	P= .187	P= .004	P= .478	P= .238	P= .143
GLUDESP	.0097	-.1306	-.8067	.0176	-.0944	-.0354
	(26)	(11)	(26)	(26)	(26)	(25)
	P= .481	P= .351	P= .000	P= .466	P= .323	P= .433

CORRELACIONES BIVARIADAS EN LOS RECIEN NACIDOS MACROSOMAS NO HMD

Correlations:	NUMGEST	EDADMAT	TALLAMAT	PESMATH	PSSEMAT	PSTRMAT
PESRN	.0280	.1138	.3935	-.1693	.3083	-.0869
	(20)	(20)	(18)	(19)	(12)	(12)
	P= .453	P= .316	P= .053	P= .244	P= .165	P= .394
PSSERN	.6519	.4311	-.3180	.3066	.3842	.3616
	(15)	(15)	(13)	(14)	(12)	(12)
	P= .004	P= .054	P= .145	P= .143	P= .109	P= .124
PSTRRN	.7784	.4623	-.3744	.4753	.6544	.5256
	(15)	(15)	(13)	(14)	(12)	(12)
	P= .000	P= .041	P= .104	P= .043	P= .010	P= .040
SEMGL1H	.7715	.2055	-.2872	.2141	.1383	-.0623
	(16)	(16)	(14)	(15)	(11)	(11)
	P= .000	P= .223	P= .160	P= .222	P= .343	P= .428
GLUDES	-.5105	-.2645	.4300	-.5721	-.3995	-.1709
	(16)	(16)	(14)	(15)	(11)	(11)
	P= .022	P= .161	P= .062	P= .013	P= .112	P= .308
GLUDESP	-.6760	-.3487	.3532	-.5056	-.5129	-.3601
	(16)	(16)	(14)	(15)	(11)	(11)
	P= .002	P= .093	P= .108	P= .027	P= .053	P= .138

Correlations:	SCMAT	IMCMAT	INCPESM	RPMATEO	HBGL3CN	HBGLUSCN
PESRN	-.1426	-.3060	.5897	-.3271	.	.
	(18)	(18)	(13)	(18)	(0)	(0)
	P= .286	P= .108	P= .017	P= .093	P= .	P= .
PSSERN	.2736	.3437	-.2084	.3012	.	.
	(13)	(13)	(10)	(13)	(0)	(0)
	P= .183	P= .125	P= .282	P= .159	P= .	P= .

PSTRRN	.4486	.5000	-.0946	.4519	.	.
	(13)	(13)	(10)	(13)	(0)	(0)
	P= .062	P= .041	P= .397	P= .061	P= .	P= .
SEMGL1H	.1919	.2897	-.3979	.2651	.	.
	(14)	(14)	(10)	(14)	(0)	(0)
	P= .256	P= .157	P= .127	P= .180	P= .	P= .
GLUDES	-.5273	-.6068	.4596	-.5757	.	.
	(14)	(14)	(10)	(14)	(0)	(0)
	P= .026	P= .011	P= .091	P= .016	P= .	P= .
GLUDESP	-.4715	-.5308	.5014	-.4876	.	.
	(14)	(14)	(10)	(14)	(0)	(0)
	P= .044	P= .025	P= .070	P= .038	P= .	P= .

Correlations:	HBGLMATP	ACIRIMCN	GLMATP	GLCORD	IRICORD	CPCORD
PESRN	-.2708	.	.3091	.2406	-.0670	-.0682
	(20)	(0)	(15)	(16)	(17)	(17)
	P= .124	P= .	P= .131	P= .185	P= .399	P= .397
PSSERN	-.0497	.	.2716	.1723	.1632	-.0101
	(15)	(0)	(13)	(14)	(14)	(14)
	P= .430	P= .	P= .185	P= .278	P= .289	P= .486
PSTRRN	-.1183	.	.0597	-.0904	-.0905	-.1816
	(15)	(0)	(13)	(14)	(14)	(14)
	P= .337	P= .	P= .423	P= .379	P= .379	P= .267
SEMGL1H	-.2312	.	-.2757	-.2673	-.2206	-.2490
	(16)	(0)	(15)	(16)	(16)	(16)
	P= .194	P= .	P= .160	P= .158	P= .206	P= .176
GLUDES	.0973	.	.8166	.9105	.7936	.6654
	(16)	(0)	(15)	(16)	(16)	(16)
	P= .360	P= .	P= .000	P= .000	P= .000	P= .002
GLUDESP	.3500	.	.4522	.5429	.6073	.6772
	(16)	(0)	(15)	(16)	(16)	(16)
	P= .092	P= .	P= .045	P= .015	P= .006	P= .002

Correlations:	IRGCORD	ACIRICOR	GLMIN1H	IRI1H	CP1H	IRG1H
PESRN	-.1870	.	.0895	.0266	.0512	.2644
	(15)	(0)	(16)	(16)	(16)	(15)
	P= .252	P= .	P= .371	P= .461	P= .425	P= .170
PSSERN	.5853	.	.5782	.3933	.5911	.3721
	(13)	(0)	(14)	(14)	(14)	(13)
	P= .018	P= .	P= .015	P= .082	P= .013	P= .105
PSTRRN	.3154	.	.5135	.0434	.2515	.1872
	(13)	(0)	(14)	(14)	(14)	(13)
	P= .147	P= .	P= .030	P= .441	P= .193	P= .270
SEMGL1H	.0748	.	.4876	-.0625	.1135	-.0675
	(15)	(0)	(16)	(16)	(16)	(15)
	P= .396	P= .	P= .028	P= .409	P= .338	P= .406
GLUDES	-.1317	.	-.4378	.4750	.4098	-.0415
	(15)	(0)	(16)	(16)	(16)	(15)
	P= .320	P= .	P= .045	P= .031	P= .057	P= .442
GLUDESP	-.2738	.	-.8046	.2085	.1867	-.0728
	(15)	(0)	(16)	(16)	(16)	(15)
	P= .162	P= .	P= .000	P= .219	P= .244	P= .398

CORRELACIONES BIVARIADAS EN LOS HMD CON BUEN CONTROL

Correlations:	NUMGEST	EDADMAT	TALLAMAT	PESMATH	PSSEMAT	PSTRMAT
PESRN	.0275	.1274	.3297	.1390	-.1435	-.1562
	(48)	(48)	(48)	(47)	(35)	(35)
	P= .426	P= .194	P= .011	P= .176	P= .205	P= .185
PSSERN	-.1541	-.0726	.1251	.0465	.0850	.0321
	(39)	(39)	(39)	(38)	(35)	(35)
	P= .174	P= .330	P= .224	P= .391	P= .314	P= .427
PSTRRN	-.1406	.0181	.3248	.1065	-.0068	-.0343
	(39)	(39)	(39)	(38)	(35)	(35)
	P= .197	P= .456	P= .022	P= .262	P= .484	P= .423
SEMGL1H	.0385	.1410	.0072	.1637	.0806	.0508
	(39)	(39)	(39)	(39)	(28)	(28)
	P= .408	P= .196	P= .483	P= .160	P= .342	P= .399
GLUDES	.1469	.0654	-.1251	-.0910	.0326	.0942
	(41)	(41)	(41)	(41)	(29)	(29)
	P= .180	P= .342	P= .218	P= .286	P= .433	P= .313
GLUDESP	.0372	.0002	-.1686	-.2141	-.1547	-.1436
	(41)	(41)	(41)	(41)	(29)	(29)
	P= .409	P= .499	P= .146	P= .089	P= .212	P= .229

Correlations:	SCMAT	IMCMAT	INCPESM	RPMATEO	HBGL3CN	HBGLUSCN
PESRN	.1667	.0331	.2292	.0532	.1993	-.0135
	(47)	(47)	(46)	(47)	(41)	(25)
	P= .131	P= .413	P= .063	P= .361	P= .106	P= .475
PSSERN	.0540	.0214	.0690	.0430	.1543	-.3640
	(38)	(38)	(37)	(38)	(33)	(20)
	P= .374	P= .449	P= .342	P= .399	P= .196	P= .057
PSTRRN	.1431	.0094	-.0018	.0503	.2208	-.3271
	(38)	(38)	(37)	(38)	(33)	(20)
	P= .196	P= .478	P= .496	P= .382	P= .108	P= .080
SEMGL1H	.1683	.1680	-.1750	.1616	-.0302	.1109
	(39)	(39)	(39)	(39)	(35)	(21)
	P= .153	P= .153	P= .143	P= .163	P= .432	P= .316
GLUDES	-.0969	-.0442	.0152	-.0842	-.1280	-.1671
	(41)	(41)	(41)	(41)	(37)	(23)
	P= .273	P= .392	P= .462	P= .300	P= .225	P= .223
GLUDESP	-.2231	-.1588	.0247	-.1905	.0046	-.1563
	(41)	(41)	(41)	(41)	(37)	(23)
	P= .080	P= .161	P= .439	P= .116	P= .489	P= .238

Correlations:	HBGLMATP	ACIRIMCN	GLMATP	GLCORD	IRICORD	CPCORD
PESRN	-.0688	.3660	.2379	.1508	.2400	.2213
	(47)	(19)	(39)	(42)	(42)	(41)
	P= .323	P= .062	P= .072	P= .170	P= .063	P= .082
PSSERN	.0077	.2206	.0675	-.0166	.4612	.3954
	(39)	(17)	(33)	(34)	(34)	(33)
	P= .482	P= .197	P= .354	P= .463	P= .003	P= .011
PSTRRN	-.0611	.3602	.1639	.0295	.5102	.3364
	(39)	(17)	(33)	(34)	(34)	(33)
	P= .356	P= .078	P= .181	P= .434	P= .001	P= .028
SEMGL1H	.0253	.1608	-.2828	-.3058	-.2358	-.2148
	(39)	(19)	(36)	(39)	(39)	(38)
	P= .439	P= .255	P= .047	P= .029	P= .074	P= .098

GLUDES	-.1057	-.3999	.7025	.7645	.0865	.0287
	(41)	(19)	(38)	(41)	(41)	(40)
	P= .255	P= .045	P= .000	P= .000	P= .295	P= .430
GLUDESP	-.1070	-.3092	.4918	.4488	.2981	.1428
	(41)	(19)	(38)	(41)	(41)	(40)
	P= .253	P= .099	P= .001	P= .002	P= .029	P= .190

Correlations:	IRGCORD	ACIRICOR	GLMIN1H	IRI1H	CP1H	IRG1H
PESRN	.1637	-.0105	-.0554	.1579	.1576	.1719
	(42)	(11)	(41)	(41)	(41)	(41)
	P= .150	P= .488	P= .365	P= .162	P= .162	P= .141
PSSERN	-.0124	-.0963	-.3723	.5058	.1989	-.1938
	(34)	(11)	(33)	(33)	(33)	(33)
	P= .472	P= .389	P= .016	P= .001	P= .134	P= .140
PSTRRN	.1347	.0512	-.3486	.4907	.2482	.0376
	(34)	(11)	(33)	(33)	(33)	(33)
	P= .224	P= .441	P= .023	P= .002	P= .082	P= .418
SEMGL1H	-.2913	-.1899	.5146	-.1396	-.1585	-.2864
	(39)	(11)	(39)	(39)	(39)	(39)
	P= .036	P= .288	P= .000	P= .198	P= .168	P= .039
GLUDES	.0356	-.1909	-.4217	.1133	-.0616	.0680
	(41)	(11)	(41)	(41)	(41)	(41)
	P= .413	P= .287	P= .003	P= .240	P= .351	P= .336
GLUDESP	.1174	.0445	-.7041	.1902	.0138	.1307
	(41)	(11)	(41)	(41)	(41)	(41)
	P= .232	P= .448	P= .000	P= .117	P= .466	P= .208

CORRELACIONES BIVARIADAS EN LOS HMD CON MAL CONTROL

Correlations:	NUMGEST	EDADMAT	TALLAMAT	PESMATH	PSSEMAT	PSTRMAT
PESRN	-.2643	-.0439	.0683	.0209	-.2960	-.2110
	(16)	(16)	(14)	(14)	(5)	(5)
	P= .161	P= .436	P= .408	P= .472	P= .314	P= .367
PSSERN	-.7236	-.2304	-.0715	-.1569	-.0835	-.0499
	(6)	(6)	(5)	(6)	(5)	(5)
	P= .052	P= .330	P= .455	P= .383	P= .447	P= .468
PSTRRN	-.7806	-.3396	-.1314	-.3401	-.3847	-.3123
	(6)	(6)	(5)	(6)	(5)	(5)
	P= .033	P= .255	P= .417	P= .255	P= .261	P= .304
SEMGL1H	-.4080	-.5622	-.2152	-.3485	-.6621	-.7801
	(13)	(13)	(12)	(12)	(4)	(4)
	P= .083	P= .023	P= .251	P= .133	P= .169	P= .110
GLUDES	.4757	.7684	-.0258	.3806	.8033	.8933
	(13)	(13)	(12)	(12)	(4)	(4)
	P= .050	P= .001	P= .468	P= .111	P= .098	P= .053
GLUDESP	.3939	.5986	.0041	.3020	.7480	.8523
	(13)	(13)	(12)	(12)	(4)	(4)
	P= .091	P= .015	P= .495	P= .170	P= .126	P= .074

Correlations:	SCMAT	IMCMAT	INCPESM	RPMATEO	HBGL3CN	HBGLUSCN
PESRN	.0087	-.0296	.0072	.0131	.3157	-.4669
	(13)	(13)	(14)	(13)	(13)	(7)
	P= .489	P= .462	P= .490	P= .483	P= .147	P= .145
PSSERN	-.2636	-.2188	-.0609	-.2420	.8556	.9050
	(5)	(5)	(6)	(5)	(5)	(4)
	P= .334	P= .362	P= .454	P= .347	P= .032	P= .047

PSTRRN	-.5773	-.5327	.1650	-.5599	.7781	.8802
	(5)	(5)	(6)	(5)	(5)	(4)
	P= .154	P= .178	P= .377	P= .163	P= .061	P= .060
SEMGL1H	-.3632	-.3029	.1642	-.2137	-.2955	.3332
	(11)	(11)	(12)	(11)	(12)	(7)
	P= .136	P= .183	P= .305	P= .264	P= .176	P= .233
GLUDES	.3818	.3696	-.2290	.2314	.4313	.0814
	(11)	(11)	(12)	(11)	(12)	(7)
	P= .123	P= .132	P= .237	P= .247	P= .081	P= .431
GLUDESP	.2903	.2994	-.1455	.1603	.3727	-.3997
	(11)	(11)	(12)	(11)	(12)	(7)
	P= .193	P= .186	P= .326	P= .319	P= .116	P= .187

Correlations:	HBGLMATP	ACIRIMCN	GLMATP	GLCORD	IRICORD	CPCORD
PESRN	-.0877	.0710	.6312	.0786	.1656	.5055
	(16)	(5)	(13)	(14)	(14)	(14)
	P= .373	P= .455	P= .010	P= .395	P= .286	P= .033
PSSERN	-.0253	.6358	.6195	.3088	.2458	.8463
	(6)	(4)	(6)	(6)	(6)	(6)
	P= .481	P= .182	P= .095	P= .276	P= .319	P= .017
PSTRRN	-.0756	.4735	.7262	.3580	.3173	.7822
	(6)	(4)	(6)	(6)	(6)	(6)
	P= .443	P= .263	P= .051	P= .243	P= .270	P= .033
SEMGL1H	-.1138	-.0995	-.3204	-.3659	-.4002	-.4012
	(13)	(5)	(12)	(13)	(13)	(13)
	P= .356	P= .437	P= .155	P= .109	P= .088	P= .087
GLUDES	.0008	.2211	.5904	.7541	.6661	.2625
	(13)	(5)	(12)	(13)	(13)	(13)
	P= .499	P= .360	P= .022	P= .001	P= .006	P= .193
GLUDESP	-.0059	.0822	.3243	.3095	.4739	.3683
	(13)	(5)	(12)	(13)	(13)	(13)
	P= .492	P= .448	P= .152	P= .152	P= .051	P= .108

Correlations:	IRGCORD	ACIRICOR	GLMIN1H	IRI1H	CP1H	IRG1H
PESRN	.2430	-1.0000	-.2513	-.2247	.0100	.2176
	(14)	(2)	(13)	(13)	(13)	(11)
	P= .201	P= .	P= .204	P= .230	P= .487	P= .260
PSSERN	-.4013	-1.0000	.7525	.6322	.5478	-.0818
	(6)	(2)	(5)	(5)	(5)	(4)
	P= .215	P= .	P= .071	P= .126	P= .170	P= .459
PSTRRN	-.2143	-1.0000	.7650	.6098	.6925	.0425
	(6)	(2)	(5)	(5)	(5)	(4)
	P= .342	P= .	P= .066	P= .137	P= .097	P= .479
SEMGL1H	-.0407	1.0000	.7542	.2960	-.1606	-.2361
	(13)	(2)	(13)	(13)	(13)	(11)
	P= .447	P= .	P= .001	P= .163	P= .300	P= .242
GLUDES	-.1251	-1.0000	-.5523	-.0419	.0750	.1223
	(13)	(2)	(13)	(13)	(13)	(11)
	P= .342	P= .	P= .025	P= .446	P= .404	P= .360
GLUDESP	-.0877	-1.0000	-.8890	-.3379	.0178	.2698
	(13)	(2)	(13)	(13)	(13)	(11)
	P= .388	P= .	P= .000	P= .129	P= .477	P= .211