

DEPARTMENT OF ECONOMETRICS, STATISTICS AND APPLIED ECONOMY

Business Administration and Management Degree

Statistics II. Computing Practice 1. Point and Confidence Interval Estimation

Correction Date: 2018-03-17 17:13:27

Final Mark: 10 [10 available points]



Student's Information

Niub: 99999999

Alpha: 0.08

Class Group: 1

Workers Group: G1

Conditioning Gender: 0

Group for comparison: G2

| Statement | Student's Results | Computed Results | Mark(*) |
|--|-------------------|------------------|---------|
| 01.- [0.5 points]. Number of observations of Group G1 | 442 | 442 | 0.5 |
| 02.- [0.5 points]. Mean of Age of Group G1 | 41.38 | 41.38 | 0.5 |
| 03.- [0.5 points]. Conditioned Mean of Age Group G1/Gender=0 | 40.51 | 40.51 | 0.5 |
| 04.- [0.5 points]. Sample Variance of Age of Group G1 | 200.84 | 200.84 | 0.5 |
| 05.- [0.5 points]. Conditioned Variance of Age of Group G1/Gender=0 | 199.08 | 199.08 | 0.5 |
| 06.- [0.5 points]. Sample Proportion of Women for Group G1 | 0.47 | 0.47 | 0.5 |
| 07.- [0.5 points]. Square Root of the Sum of Squares of AGE of Group G1 | 919.55 | 919.55 | 0.5 |
| 08.- [0.5 points]. Sum of the Natural Log of AGE of Group G1 | 1617.11 | 1617.11 | 0.5 |
| 09.- [1 point]. C.I. Width for the Mean of the Age of Group G1 | 2.37 | 2.37 | 1 |
| 10.- [1 point]. C.I. Width for the Variance of the Age of Group G1 | 47.7 | 47.7 | 1 |
| 11.- [1 point]. C.I. Width for the Proportion of Women of Group G1 | 0.08 | 0.08 | 1 |
| 12.- [1 point]. C.I. Width for the difference between Age Means by Gender of Group G1 | 4.74 | 4.74 | 1 |
| 13.- [1 point]. C.I. Width for the difference between Age Variances by Gender of Group G1 | 0.49 | 0.49 | 1 |
| 14.- [1 point]. C.I. Width for the difference between Women Proportions of Group G1 and Group G2 | 0.14 | 0.14 | 1 |

(*) A tolerance of +/- 5% has been applied.

State of the Practice: Final Mark [X] Checking []

Revision of the practice: Use teacher's visiting hours. Emails dealing with the practice won't be answered. Thank you.

R-Script by Jordi López-Tamayo, - march 2018 -