1) In inferential statistics, what does ‘causal relationship’ mean?

**a) It means that changes in the independent variable create changes in the dependent variable.**

b) It means that changes in the independent variable precede changes in the dependent

variable.

c) It means that the effects of a third unmeasured factor do not produce the relationship

between the two variables.

d) It means that variable correspond to each other in a predictable way.

2) In inferential statistics, what is an independent variable?

**a) A variable whose changes create changes in the dependent variable.**

b) A variable whose changes depend on the dependent variable.

c) A variable whose changes do NOT affect the dependent variable.

d) A variable that does not change.

3) In R what is the function of the prop . table ( table (x,y) ,1) command?

**a) It creates a frequency table including row percentages.**

b) It creates a table.

c) It creates a frequency table including column percentages.

d) It creates a frequency table including row and column percentages.

4) An independent t-test compares the mean between 2 groups of participants.

What are these groups composed of?

**a) Two different groups of participants.**

b) The same group of participants measured at different points.

c) Two groups of participants exactly equal in number .

d) Two different groups of participants equal in gender balance.

5) What does this formula compute?



**a) Effect size**

b) T-Test

c) Mahnn Whitney Test

d) Wilcoxon's Rank-sum test

6) In a Mahnn Whitney Test, how is the U value for each group calculated?

**a) By subtracting the possible minimum rank which the group can take from the sum**

**of the ranks, and the SMALLEST U value.**

b) By adding the possible minimum rank which the group can take from the sum of the

ranks, and the BIGGEST U value.

c) By multiplying the possible maximum rank which the group can take from the sum of

the ranks, and the SMALLEST U value.

d) By subtracting the possible minimum rank which the group can take from the sum of the

ranks, and the BIGGEST U value.