

## Correlation and Causality 2NDE (S1S2)

Part A: What type of correlation exists between these two variables?

**1: Hat size, number of children.**

- A: Positive correlation
- B: Negative correlation
- C: Absence of correlation

**2: Weight, number of hospital visits per year.**

- A: Positive correlation
- B: Negative correlation
- C: Absence of correlation

**3: Number of school absences, school grade.**

- A: Positive correlation
- B: Negative correlation
- C: Absence of correlation

**4: Adult's age, number of hairs on their head.**

- A: Positive correlation
- B: Negative correlation
- C: Absence of correlation

**5: A person's height, a person's weight.**

- A: Positive correlation
- B: Negative correlation
- C: Absence of correlation

**6: Expenditure on clothing per year, shoe size.**

- A: Positive correlation
- B: Negative correlation
- C: Absence of correlation

**7: Speed of a fighter plane, its G-force level.**

- A: Positive correlation
- B: Negative correlation
- C: Absence of correlation

**8: Average daily temperature, cost of central heating**

- A: Positive correlation
- B: Negative correlation
- C: Absence of correlation

**9: Fuel efficiency of a car, expenditure on petrol per year.**

- A: Positive correlation
- B: Negative correlation
- C: Absence of correlation

**10: Height of building, number of windows.**

- A: Positive correlation
- B: Negative correlation
- C: Absence of correlation

Part B: Other questions

**11. What do we call people that win Nobel Prize's?**

- A: Laureate
- B: Larmiane
- C: Loriente

**12. A synonym of "housing"**

- A: Doorway
- B: Downhall
- C: Dwelling

**13: What is rent freezing?**

- A: When the government blocks rent increases.
- B: When the heating stops working.
- C: When the rent is raised considerably.

**14: A synonym of "receive".**

- A: To draw
- B: To write
- C: To paint

**15: Does chocolate make you intelligent?**

- A: Yes
- B: No