

correlation

[ˌkɒrɪˈleɪʃ(ə)n] *n*

1. **соотношение, взаимосвязь**
the correlation between climate and crops - зависимость урожая от климата
2. **физ., мат.** корреляция

correlation

Oxford Advanced Learners Dictionary 8th Ed.

cor·rel·a·tion [correlation correlations] *BrE* [ˌkɒrəˈleɪʃn] *AmE* [ˌkɔrəˈleɪʃn]

noun countable, uncountable

a connection between two things in which one thing changes as the other does

- ~ **(between A and B)** There is a direct correlation between exposure to sun and skin cancer.
- ~ **(of A with B)** the correlation of social power with wealth

Word Origin:

mid 16th cent.: from medieval Latin *correlatio* (n-), from *cor-* 'together' + *relatio*, from *re-* 'back', from *ferre* 'bring'.

Example Bank:

- A strong correlation exists between the fitness of parents and their children.
- The second group of measurements had a high correlation with the first.
- The study showed a significant correlation between smoking and heart disease.
- The study showed a significant correlation between the baby's sleeping position and the risk of cot death.
- the correlation between speed and risk of accident
- the correlation of height with weight

correlation

Longman DOCE 5th Ed. (En-En)

cor·re·la·tion /ˌkɒrəˈleɪʃən, ˌkɒrɪˈleɪʃən \$ ˌkɔrə-, ˌkɑrə-/ *BrE* *AmE* *noun*

[Date: 1500-1600; Language: Medieval Latin; Origin: *correlatio*, from *latin* *com-* (⇒ COM-) + *relatio* 'relation']

[uncountable and countable] a connection between two ideas, facts etc, especially when one may be the cause of the other

correlation between

• a strong correlation between urban deprivation and poor health

strong/high/close/significant correlation

• There is a direct correlation between the best-known brands and the best-selling brands.

correlation with

• There's also some correlation with social class.

COLLOCATIONS

adjectives

- **a significant correlation** There is no significant correlation between age and work performance.
- **a strong/high/close correlation** They found evidence of a high correlation between drinking and violence.
- **a direct correlation** Research shows a direct correlation between TV viewing and poor academic work.
- **a clear/obvious correlation** There is a clear correlation between carbon dioxide emissions and global warming.
- **a positive correlation** (=showing that two things are likely to exist together) They found positive correlation between good diet and life expectancy.
- **a negative correlation** (=showing that two things are not likely to exist together) Is there a negative correlation between a person's weight and the distance they walk on an average day?

verbs

- **show a correlation** Studies have shown a correlation between recession and property crime.
- **find a correlation** Researchers failed to find any correlation between the two.
- **observe a correlation** A correlation has been observed between untidiness and creativity.
- **a correlation exists between something and something** A strong correlation exists between social class and exam success.

correlation

Frequency Pack

12500 **3915**^{MCW}

15000 **2040**^{COCA}

RANGE: **5k** CORRELATE ¹⁷⁰⁵⁰

correlate ¹¹⁹³

correlates ¹⁰⁹²

correlated ³⁷⁴²

correlating ²⁰⁵

correlation ⁶⁰⁷³

correlations ⁴⁰⁴⁷

correlational ⁴¹⁸

intercorrelation ⁶⁶

intercorrelations ²¹⁴

COCA 500k Unlemmatized

2639 **6051**⁶⁰⁷³ *nn1*