Data displays, normal distributions and association

ACT · Vocabulary in context

Word	Example
median /ˈmiːdiːən/	Put the values in order before you find the **median**.
interquartile range /ˌɪntəˈkwɔːtaɪl reɪndʒ/	The **interquartile range** is Q3 − Q1, the spread of the middle half of the data.
quartile convention /ˈkwɔːtaɪl kənˈvenʃn/	State the **quartile convention** before you find the lower quartile.
normal distribution /ˈnɔːml ˌdɪstrɪˈbjuːʃn/	Heights in a large class often follow a **normal distribution**.
standard deviation /ˈstændəd ˌdiːvɪˈeɪʃn/	A small **standard deviation** means the values sit close to the mean.
frequency /ˈfriːkwənsi/	The **frequency** column counts how often each score appears.
residual /rɪˈsɪdʒuːəl/	Subtract the predicted value from the real value to find the **residual**.

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