

The Normal Distribution

Psychology

The curve, the empirical rule, and what skew means.

Proportion of data within each range.

Range	Contains
± 1 SD	~68%
± 2 SD	~95%
± 3 SD	~99.7%
Mean = median = mode	In a perfect normal curve

Positive skew has a long right tail and the mean above the median.
Reaction times are almost always positively skewed.