Spearman Rank Coefficient (ρ)

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	 ρ 	
	• r _s	

1 Comparison to other tests

See Spearman Rank coefficient (ρ) vs pearson product-moment correlation (r) vs linear regression

2 Purpose

- Similar to Pearson Correlation Coefficient¹
- Ordinal data¹
- Not restricted to Continuous variables¹
- Ranking converts nonlinear data into a linear relationship¹

Measure: Strength of relationship between the ranks of the values of 2 variables¹

3 Range

 $-1 \text{ to } +1^{1}$

4 Interpretation

Observed correlation does NOT assume causation only Association¹