

Comparison of which correlation analysis you should use

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1 Pearson Correlation Versus Linear Regression

Briefly, simple linear regression has only 1 independent variable (x) and 1 dependent variable (y)¹

1. Schober P, Boer C, Schwarte LA. Correlation Coefficients: Appropriate Use and Interpretation. *Anesthesia and Analgesia*. 2018;126(5):1763-1768. doi:[10.1213/ANE.0000000000002864](https://doi.org/10.1213/ANE.0000000000002864)