NVIDIA equity beta

The model compares weekly NVIDIA and SPY returns through November 13, 2026. Both series use dividend-adjusted closes. The longest series begins November 12, 2021.

Beta estimates from weekly returns

Weekly returns	NVDA–SPY covariance	SPY variance	Beta
52	0.0004473437	0.0002999889	1.4912
156	0.0008057963	0.0003754556	2.1462
261	0.0010323223	0.0005107450	2.0212

How to reproduce the estimate

Use the last trading close in each calendar week and calculate simple returns between consecutive weeks. Divide the sample covariance of NVIDIA and SPY returns by the sample variance of SPY returns.

Connection to the valuation

The base case uses the 261-return estimate of 2.0212. Peralta's financial-inputs.json preserves the unrounded covariance and market variance for all three lookbacks.

Source · NVIDIA five-year series · SPY five-year series