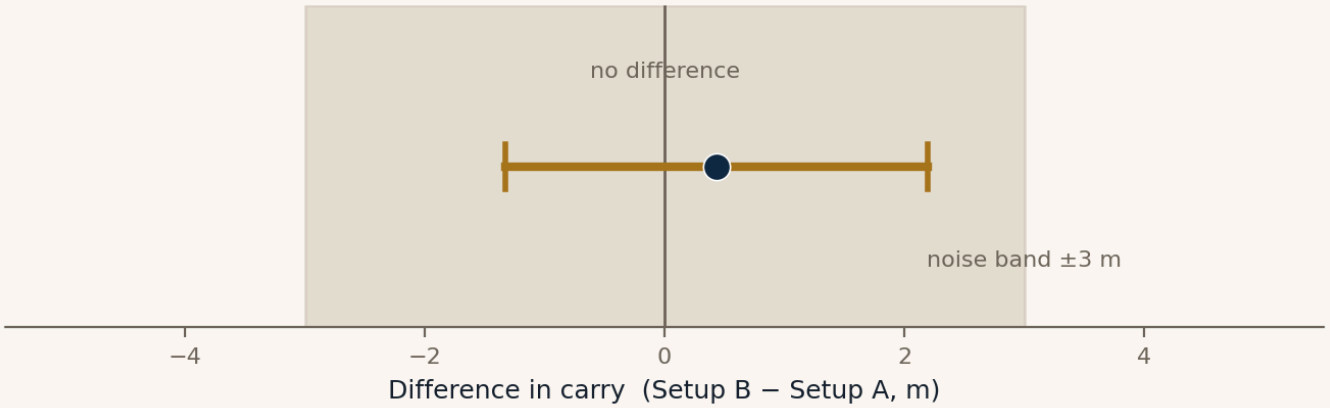
Current shaft vs Proposed shaft — is the difference real?

Prepared for [FITTER NAME] · [FACILITY] · [FITTING DATE] · 55 vs 55 shots · one session, one environment

VERDICT · CARRY · 90% CONFIDENCE

INSIDE THE NOISE BAND

Difference +0.4 m · 90% CI [-1.3, +2.2] m · noise band ±3 m



CURRENT SHAFT MEAN	PROPOSED SHAFT MEAN	MEASURED DIFFERENCE
149.8 m	150.2 m	+0.4 m

Shots to resolve: Resolved at this sample — the difference sits inside the noise band. No more shots will change that call.

HOW TO READ THIS

This compares your two setups on a single number and answers one question: is the difference real, or just shot-to-shot scatter? You see the measured gap, the uncertainty band around it, and a verdict at a stated confidence — real, inside the noise band, or not yet callable — drawn against the variation you would expect from the player alone. The benefit is that you can put your name on a recommendation knowing it will hold up, instead of reacting to a two-metre gain that vanishes on the next ball. Most fitting wins are never tested against variance, so a small edge off a few swings gets sold as fact. This tells you when the edge is real, when it is not, and — when the data cannot decide yet — exactly how many more shots per setup would settle it.

One session, one environment, mishit-screened; the verdict tests the mean against the noise band you set (±3 m). It does not normalise σ or compare across launch monitors. Verdict thresholds are calibrated on club-pair proxies pending real fitting A/Bs — read as method, not a final spec.