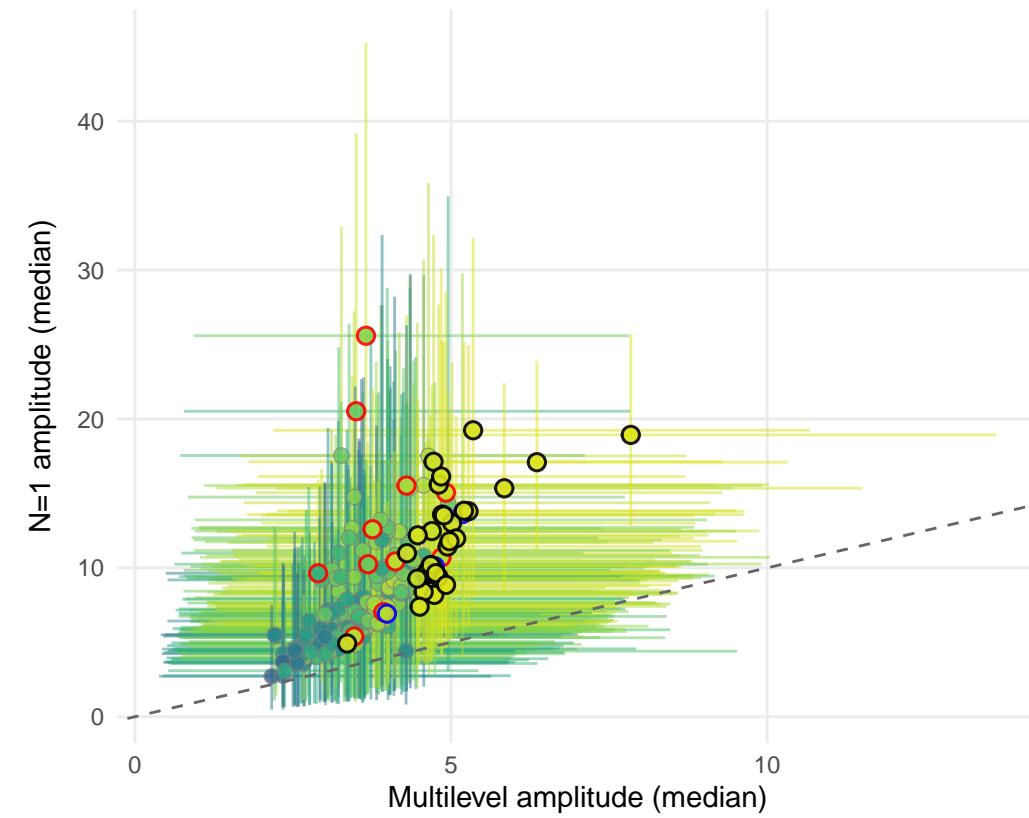


Multilevel vs N=1 Cosinor: Comprehensive Comparison

Border: black=both sig, red=N=1 only, blue=ML only (HDR > 95%)

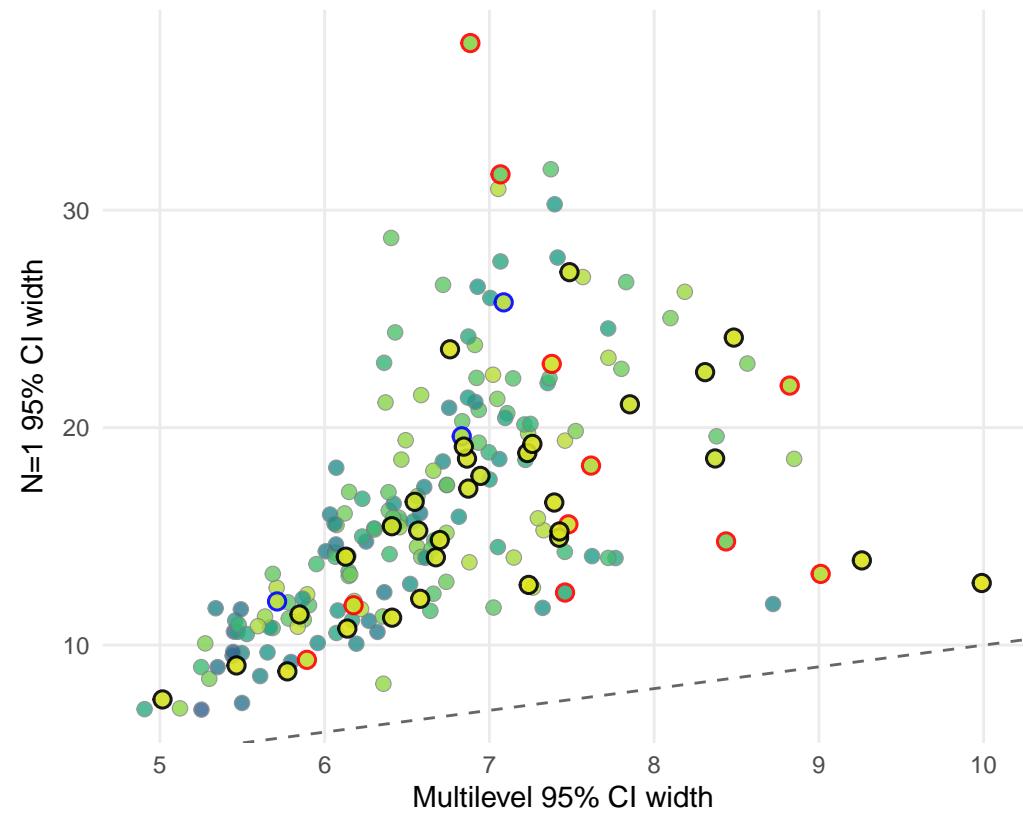
Amplitude estimates: Multilevel vs N=1

Border: black=both sig, red=N=1 only, blue=ML only (HDR > 95%)



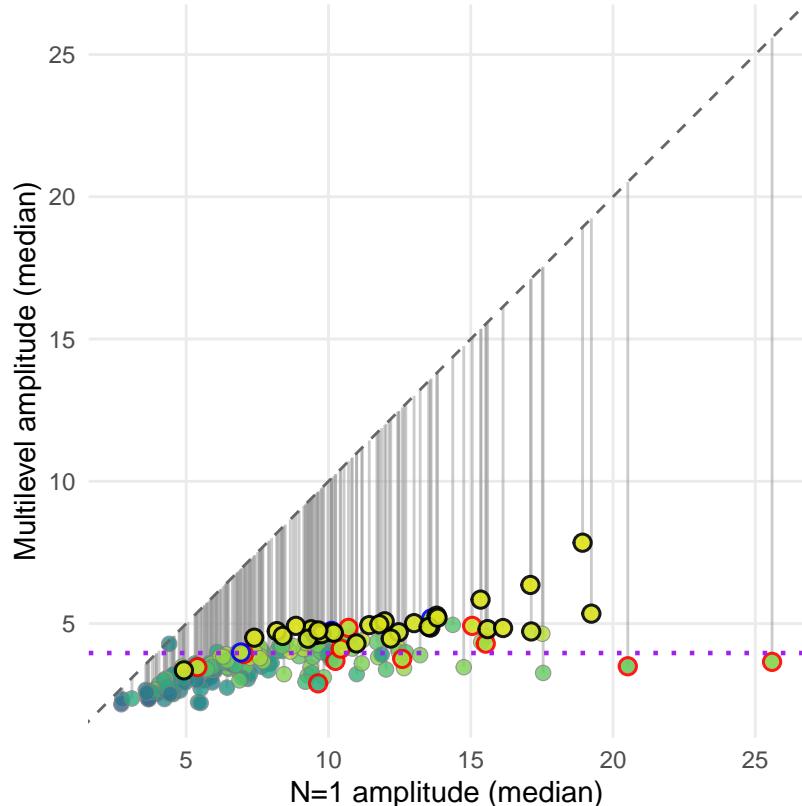
Amplitude CI width comparison

Points above line = N=1 has wider CIs



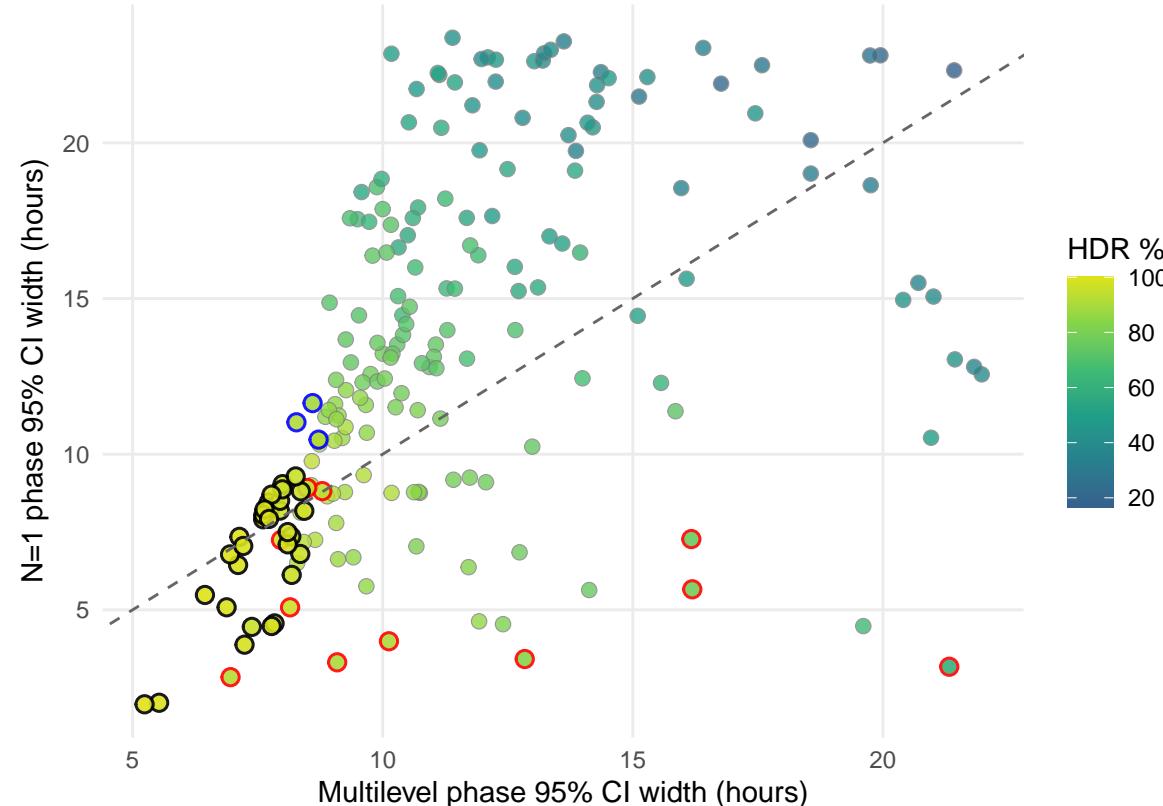
Shrinkage toward group mean

Purple line = group mean (3.965); vertical lines show shrinkage



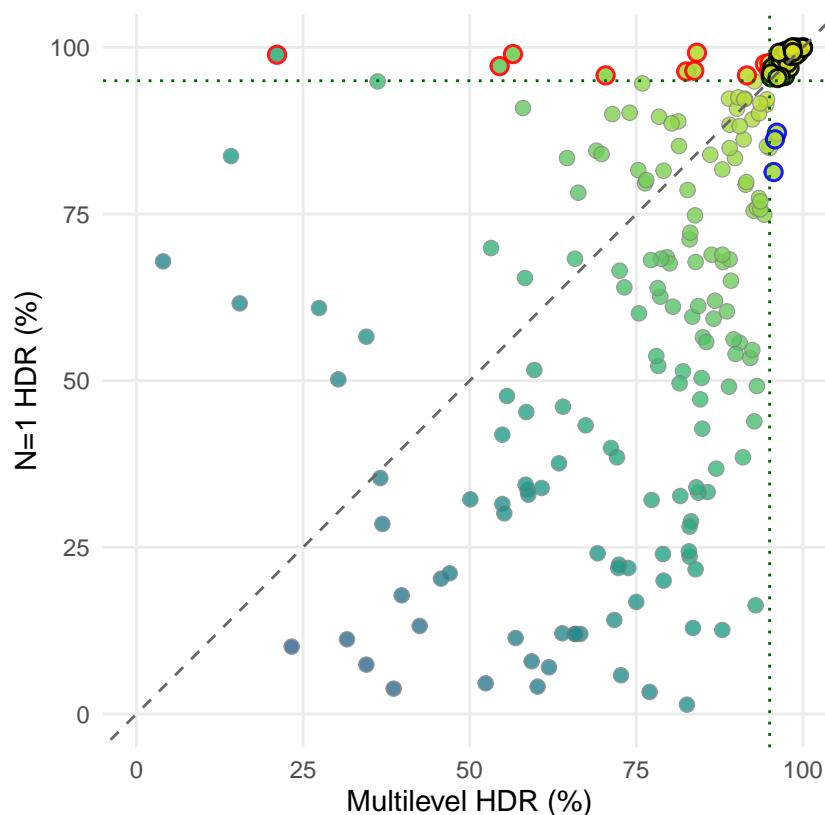
Phase CI width comparison

Points above line = N=1 has wider CIs



HDR comparison

Green lines at 95% threshold



R² (practical significance)

Green lines at 10% variance explained

