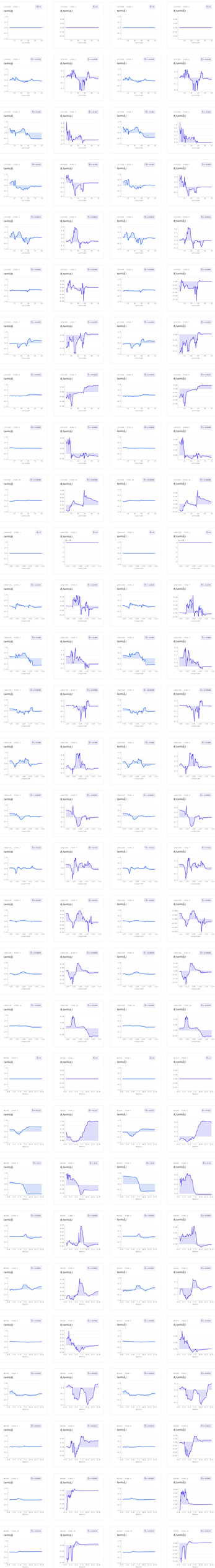
Tilt diagnostics

plot_tilt_diagnostics()