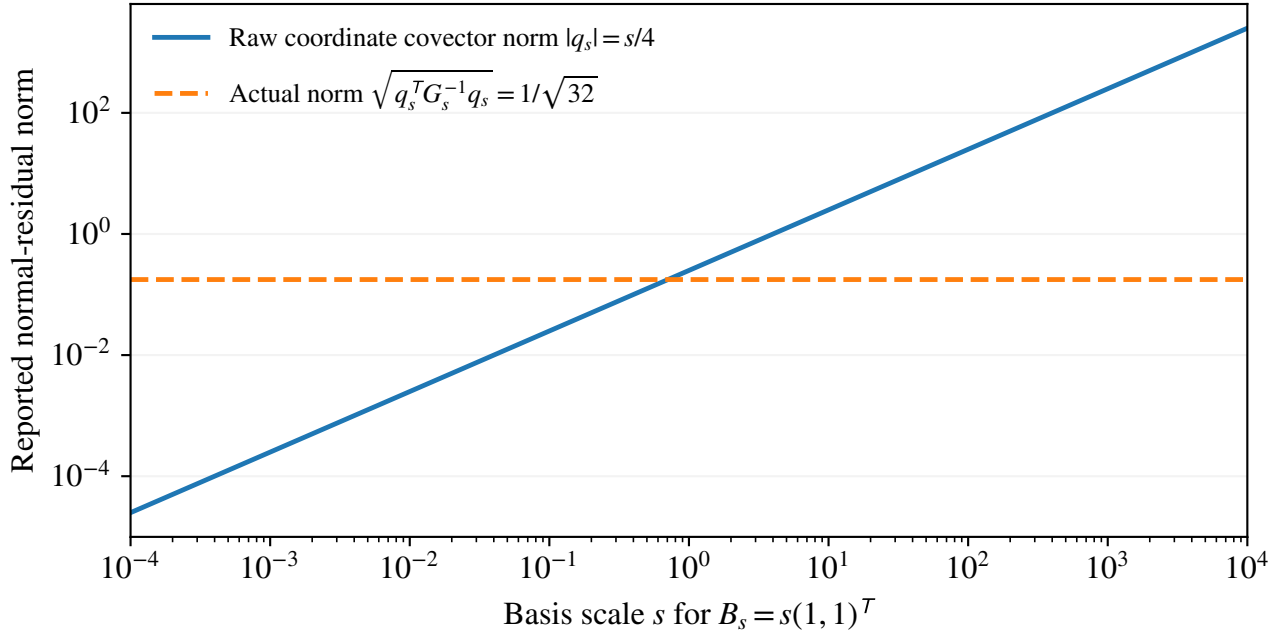

Raw coordinate covector norm $|q_s| = s/4$
Actual norm $\sqrt{q_s^T G_s^{-1} q_s} = 1/\sqrt{32}$
Reported normal-residual norm
10^{2}
10^{0}
10^{-2}
10^{-4}
10^{-4}
10^{-3}
10^{-2}
10^{-1}
10^{0}
10^{1}
10^{2}
10^{3}
10^{4}
Basis scale s for $B_s = s(1,1)^T$