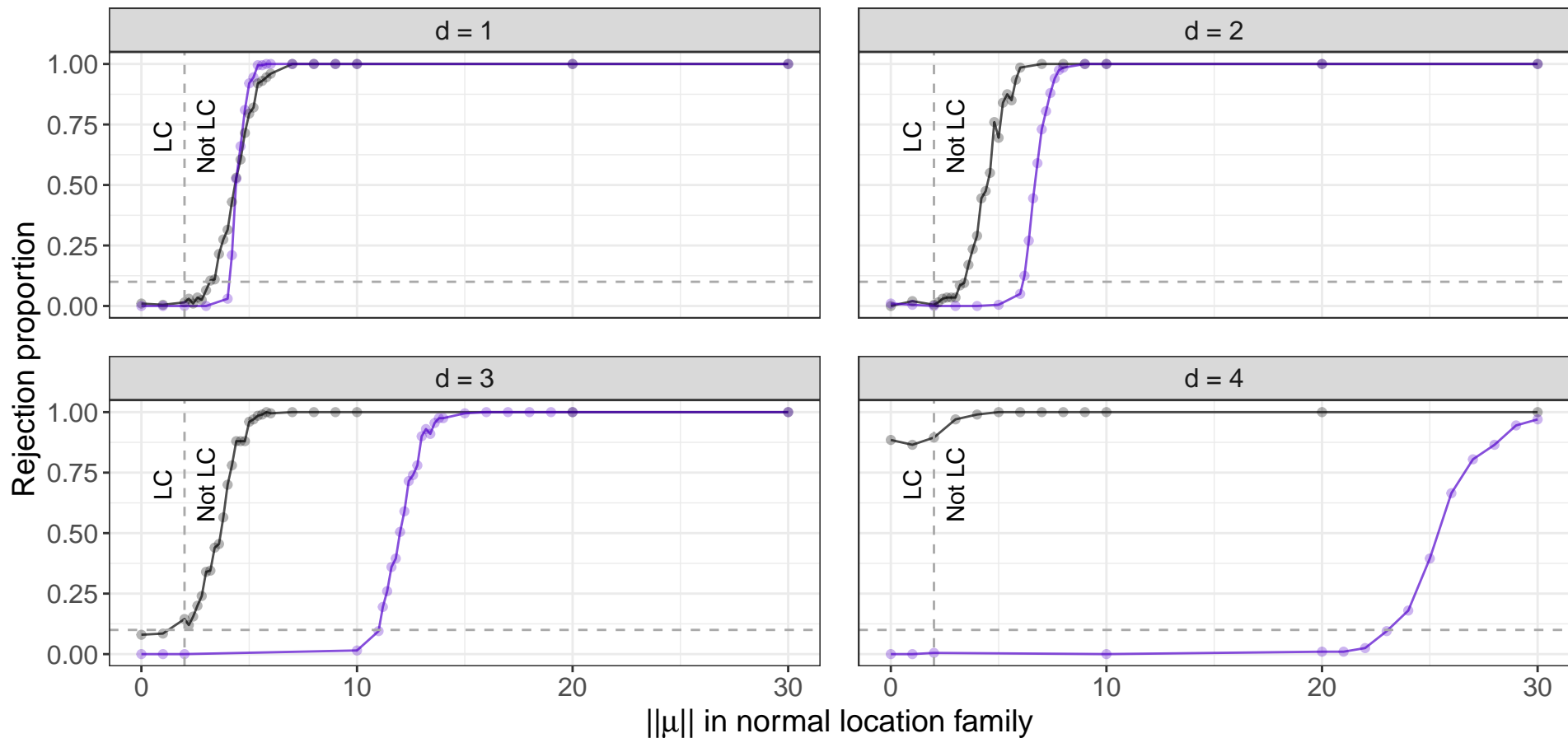Permutation test and true density universal test for H_0: Log–concave vs H_1: Not log–concave

Normal location family $f(x) = 0.5\phi_d(x) + 0.5\phi_d(x - \mu)$. n = 100 obs. 200 sims.

Method — Permutation test (B = 99 shuffles) — Full oracle, d–dim (B = 100)