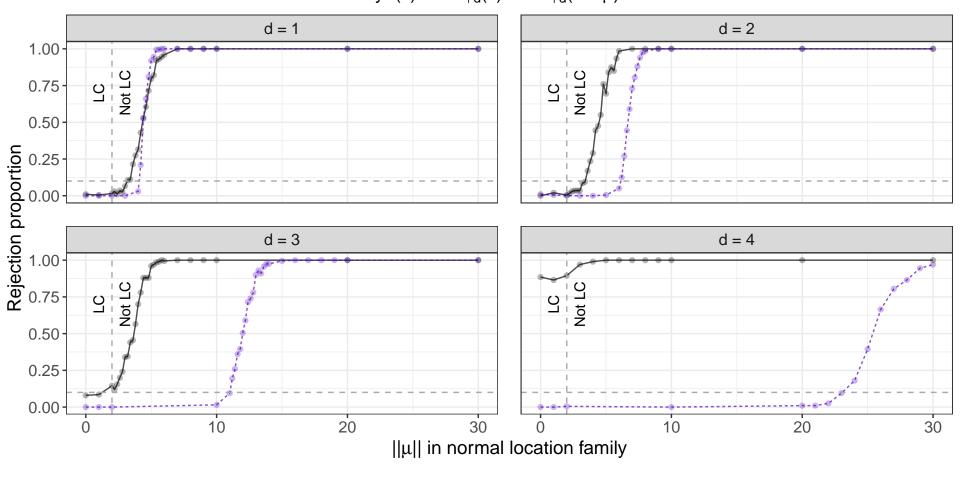
Permutation test and true density universal test for  $H_0$ : Log-concave vs  $H_1$ : Not log-concave Normal location family  $f(x) = 0.5\phi_d(x) + 0.5\phi_d(x - \mu)$ . n = 100 obs. 200 sims.



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