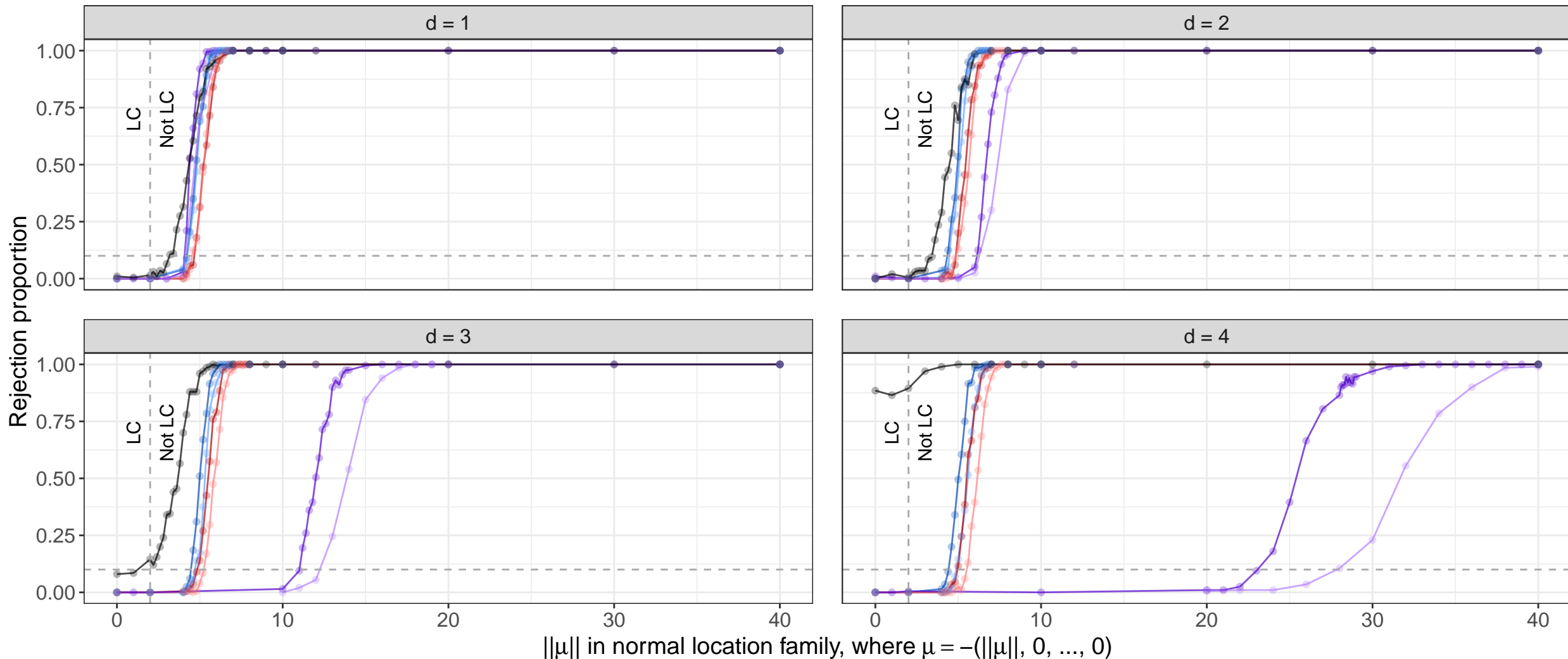


Tests for H_0 : Log-concave vs H_1 : Not log-concave

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



Method

- Partial oracle, axis-aligned projections
- Partial oracle, random projections
- Fully nonparametric, axis-aligned projections
- Fully nonparametric, random projections
- Full oracle, d-dim
- Partial oracle, d-dim
- Permutation test