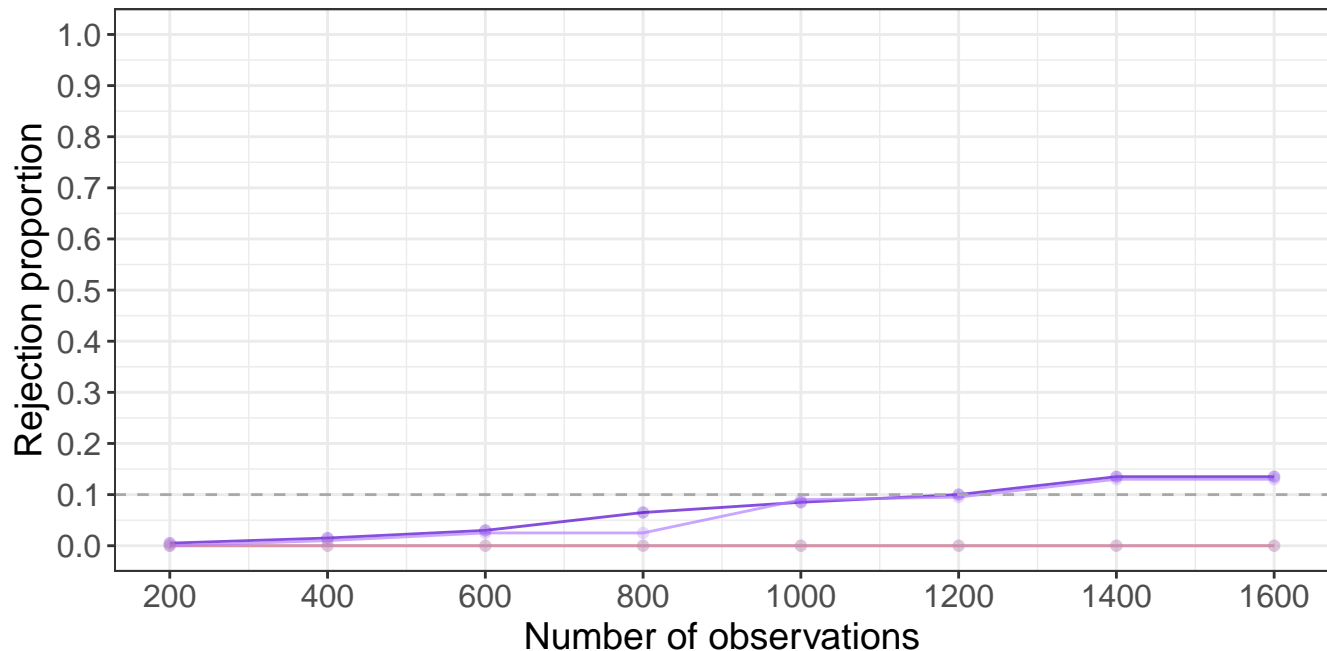


Tests for H_0 : Log-concave vs H_1 : Not log-concave

Normal mixture $0.5 \cdot (N(0, I_2) + N(0, \sigma^2 I_2))$, where $\sigma = \sqrt{3}$



Method

- Partial oracle, random projections
- Fully nonparametric, random projections
- Full oracle, d-dim
- Partial oracle, d-dim