Partial oracle test statistics for H<sub>0</sub>: Log–concave vs H<sub>1</sub>: Not log–concave Normal location family  $f(x) = 0.5\phi_2(x) + 0.5\phi_2(x + (6.0)^T)$ , n = 100 obs. 1000 sims.

Normal location family  $f(x) = 0.5\phi_2(x) + 0.5\phi_2(x + (6,0)^T)$ . n = 100 obs. 1000 sims. 250 Full dimension (d 200-150-100 50 2 Count 250 200 Projection to 150-100 50 0 25 50 75

Log of test statistic