Mean Power SVNP Mean Type-I-Error Rate SVNP $\sigma^2 = 0.01$ $\sigma^2 = 0.1$ $\sigma^2 = 0.001$ $\sigma^2 = 0.001$ $\sigma^2 = 0.01$ $\sigma^2 = 0.1$ 1.00 1.00 0.75 0.75 Z || N = 1000.50 0.50 100 Type-I Error Rate 0.25 0.25 Power 0.00 0.00 1.00 1.00 0.75 0.75 N = 200N = 2000.50 0.50 0.25 0.25 0.00 0.00 0.2 0.5 0.5 0.2 0.5 0.2 0.5 0.2 0.5 0.2 0.5 0.2 Mean Power RHSP Mean Type-I-Error Rate RHSP N = 100N = 200N = 100N = 2001.00 1.00 0.75 0.75 Type-I Error Rate Power 0.50 0.50 0.25 0.25 0.00 0.00 0.5 0.2 0.5 0.2 0.2 0.5 0.2 0.5 Size Cross-Loading Size Cross-Loading 90% Credible Interval Treshold 0.10 -×- 90% Credible Interval 50% Credible Interval

80% Credible Interval ->

95% Credible Interval

95% Credible Interval

Treshold 0.05