n=50, p=1000, s=5 Correlation 0 Correlation 0.35 Correlation 0.7 40 30 -Beta-type 1 20 10 40 30 Beta-type 2 20 Number of nonzeros Beta-type 3 20 10 0 40 30 Beta-type 5 20 10 0.05 6.00 0.05 0.25 1.22 0.25 6.00 0.05 1.22 0.25 1.22 6.00 Signal-to-noise ratio Method → Best Subset → BOSO – eBIC → Forward stepwise → Lasso Relaxed lasso