Representative approach for big data dimension reduction with binary responses

Xuelong Wang and Jie Yang

Department of Mathematics, Computer Science, and Statistics University of Illinois at Chicago

September 02, 2019

Backup

Examples

- 1. Linear regression: $Y = a + b_1^T X + b_2^T X + \epsilon$
- 2. NonLinear regression: $Y = a + \exp(b_1^T X) + \sin(b_2^T X) + \epsilon$
- 3. More general: $Y = f(b_1^T X, b_2^T X, \epsilon)$

SUSY data

SUSY data cont.