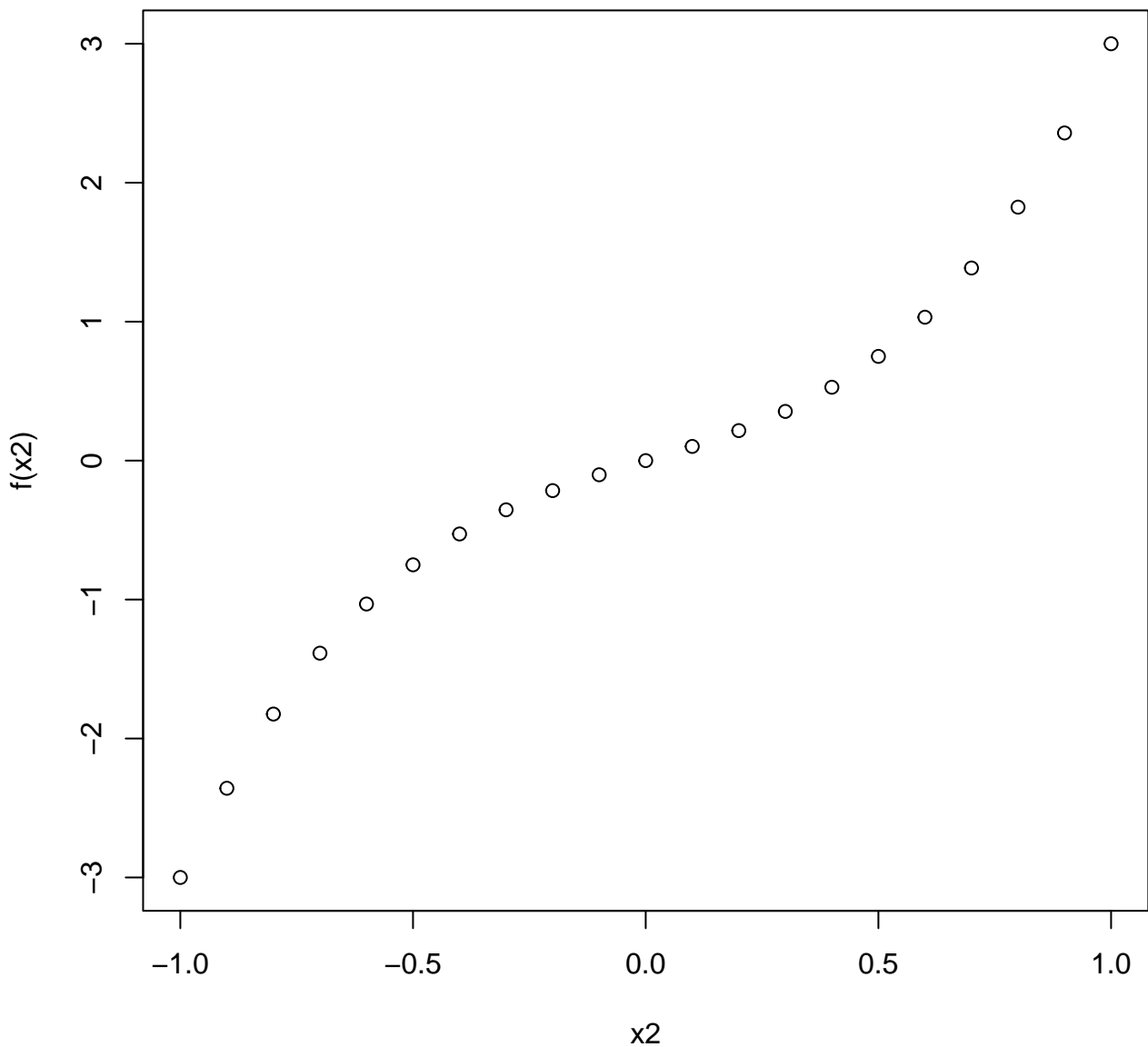
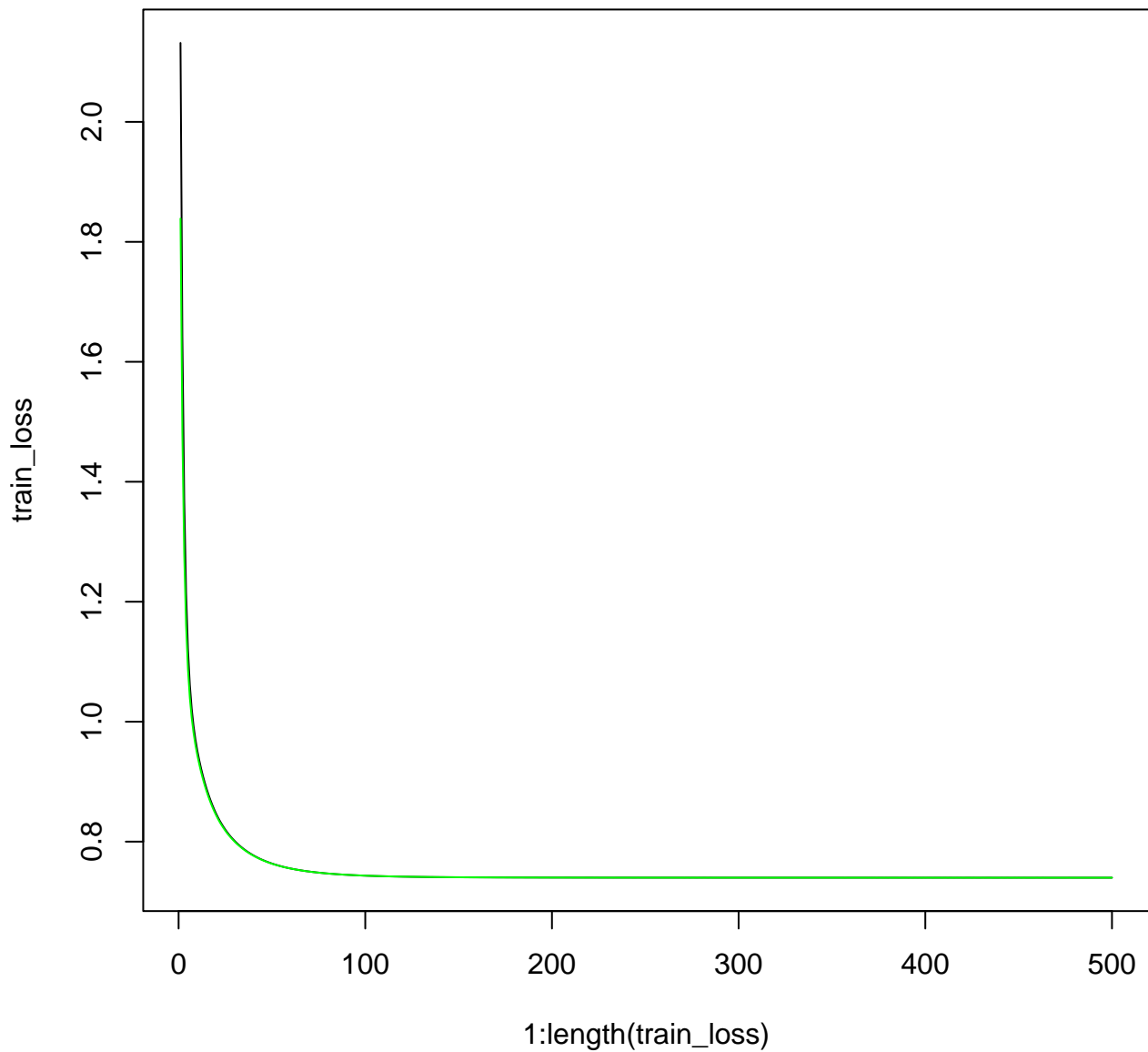


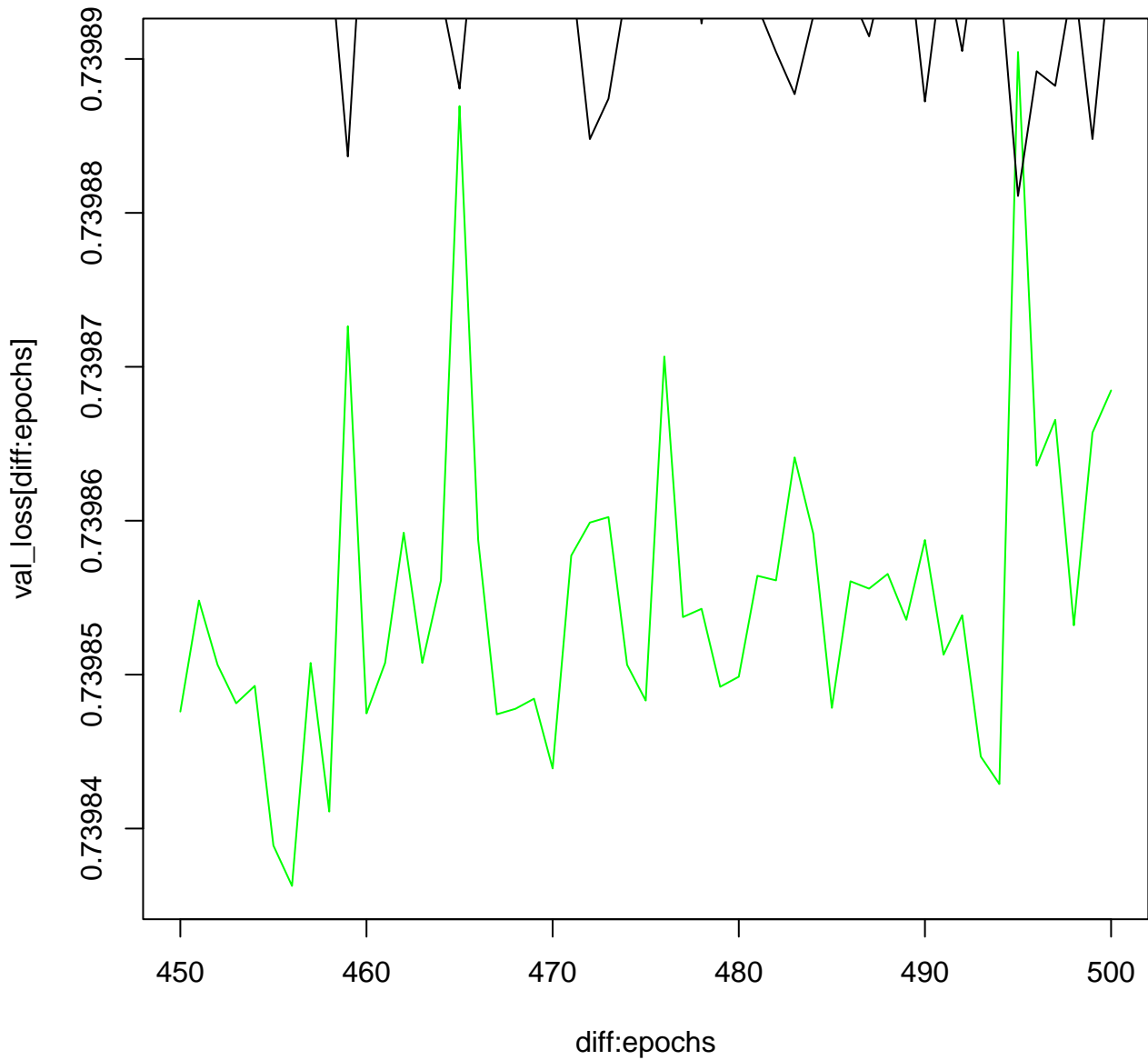
# DGP influence of x2 on x3

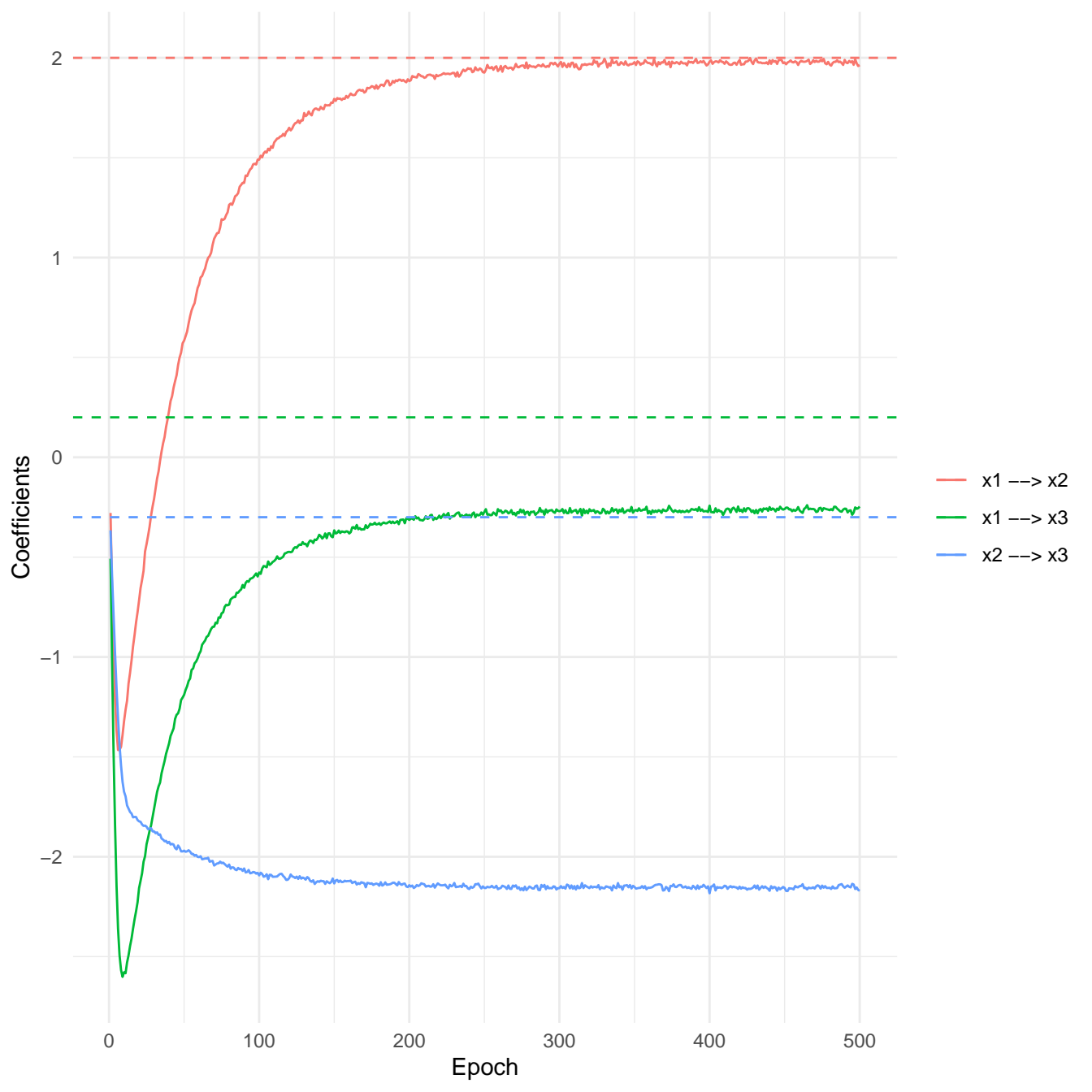


**Normal Training (green is valid)**

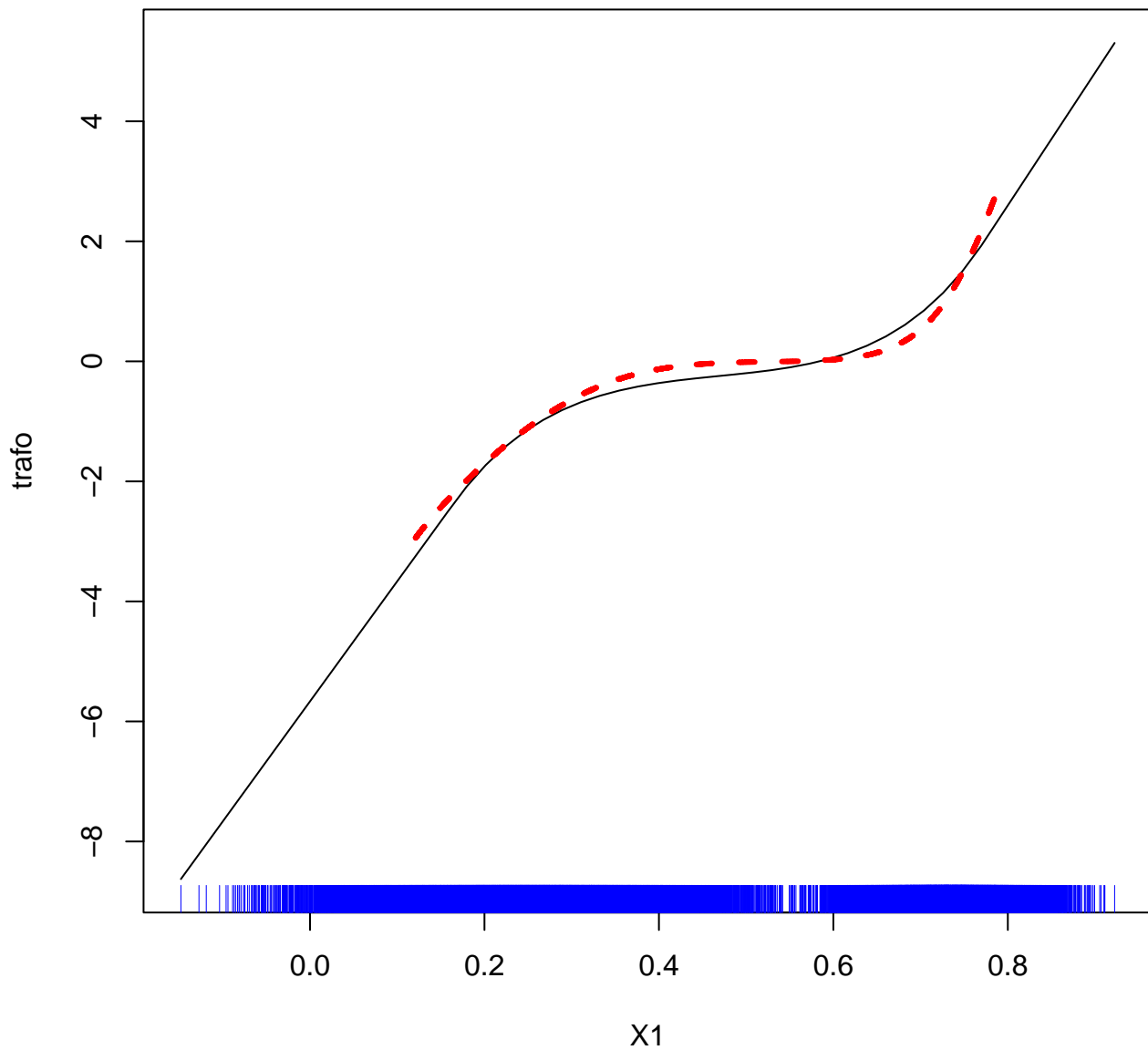


**Last 50 epochs**

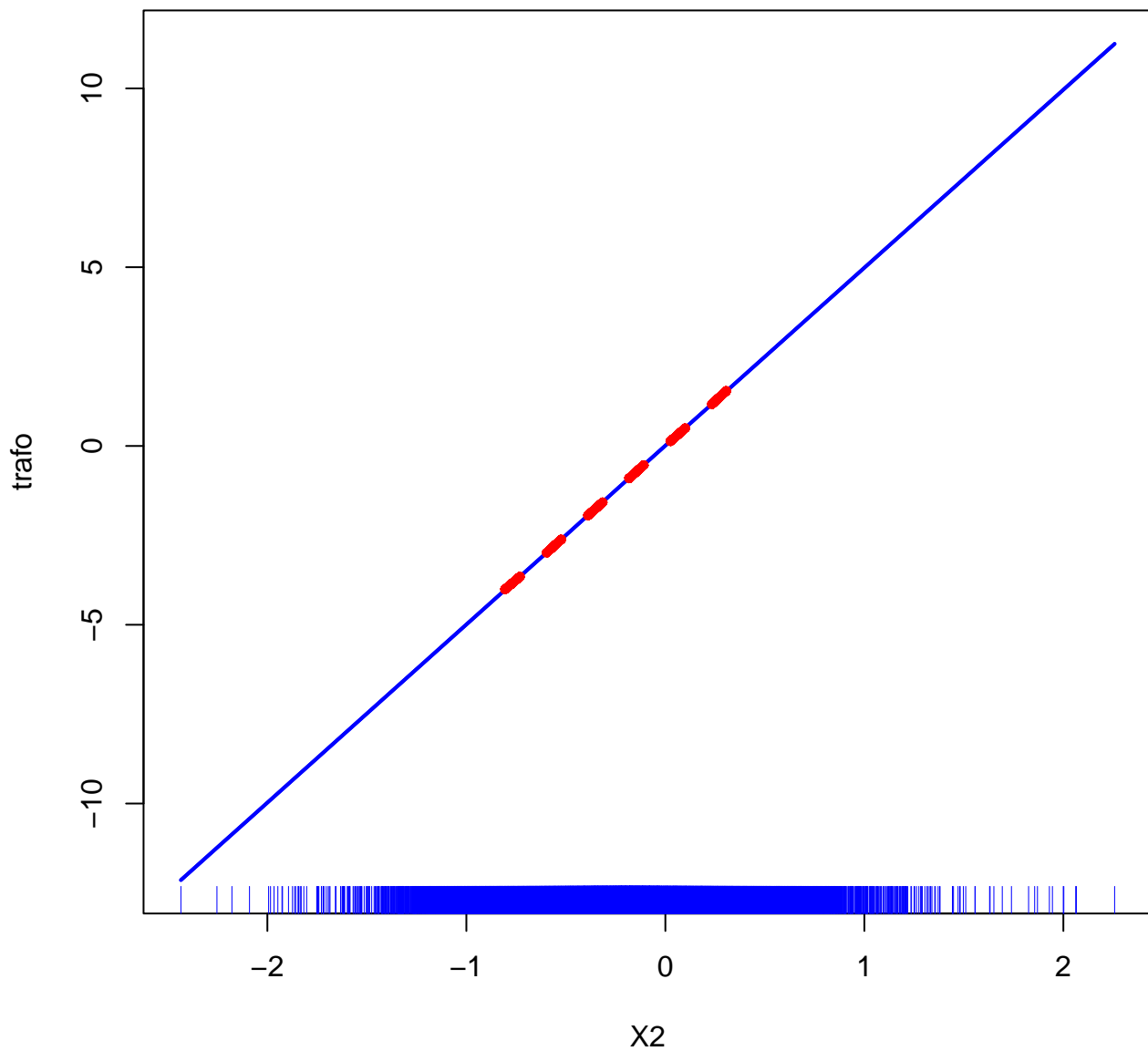




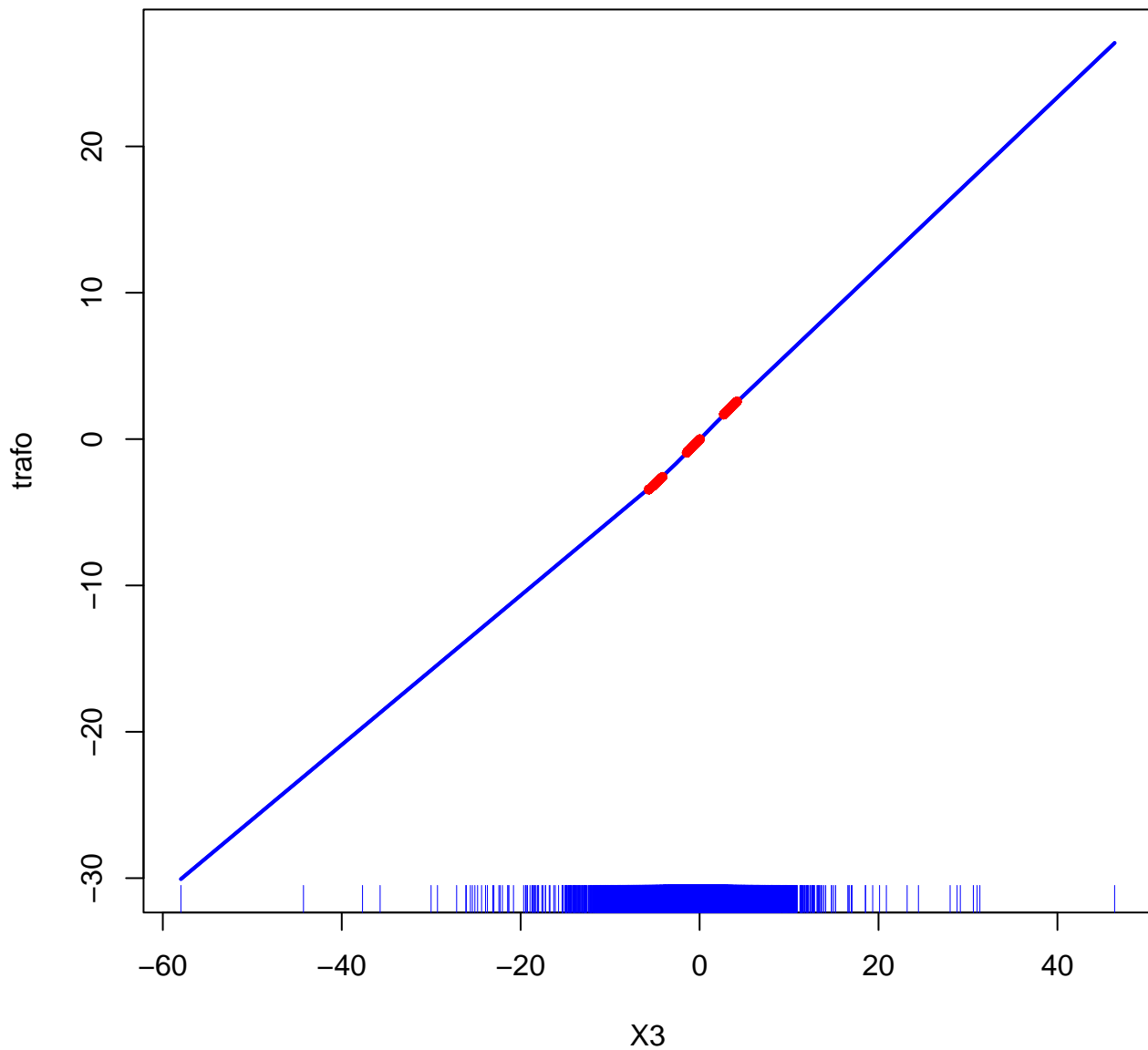
**Black: COLR, Red: Our Model**



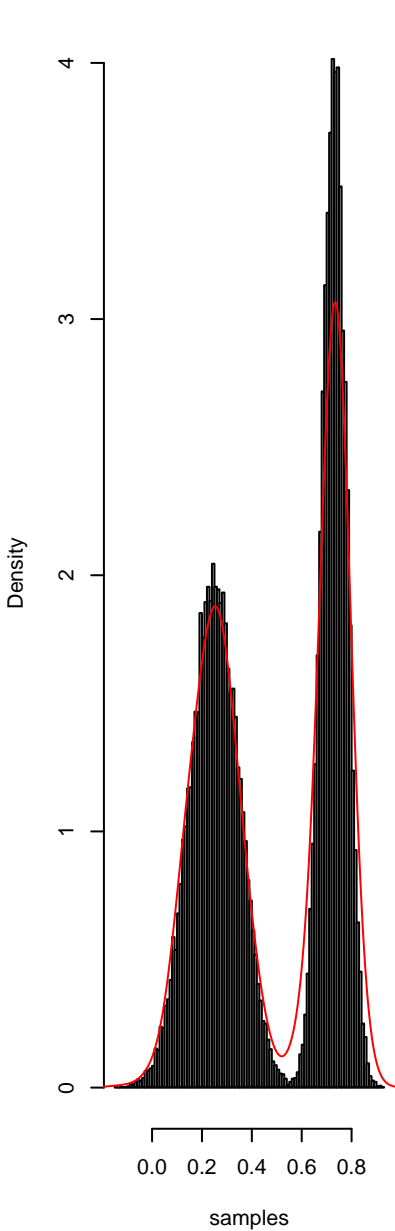
**$h_I(X_2)$  Black: COLR, Red: Our Model**



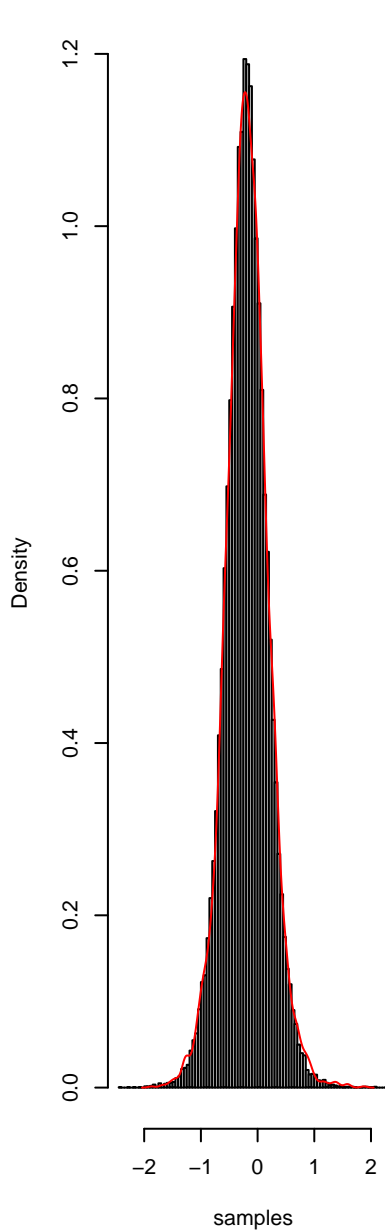
$h_I(X_3)$  Colr and Our Model



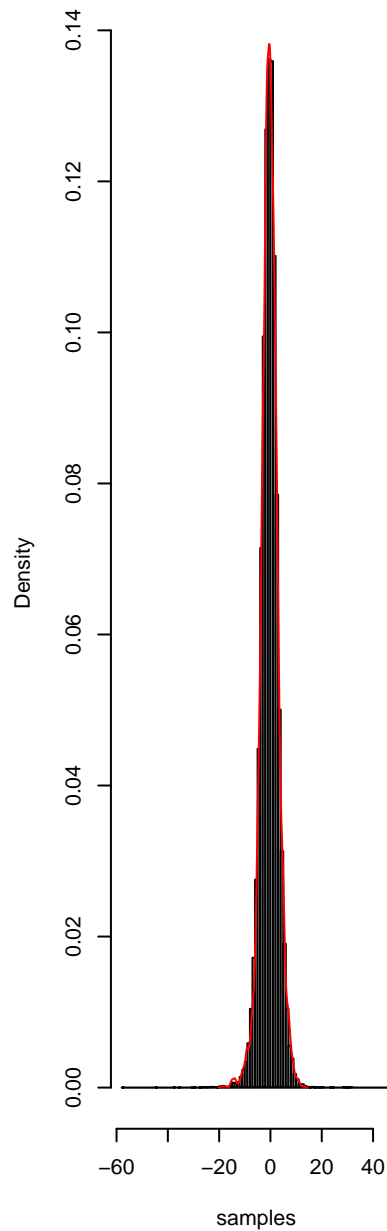
X1 red: ours, black: data



X2 red: ours, black: data

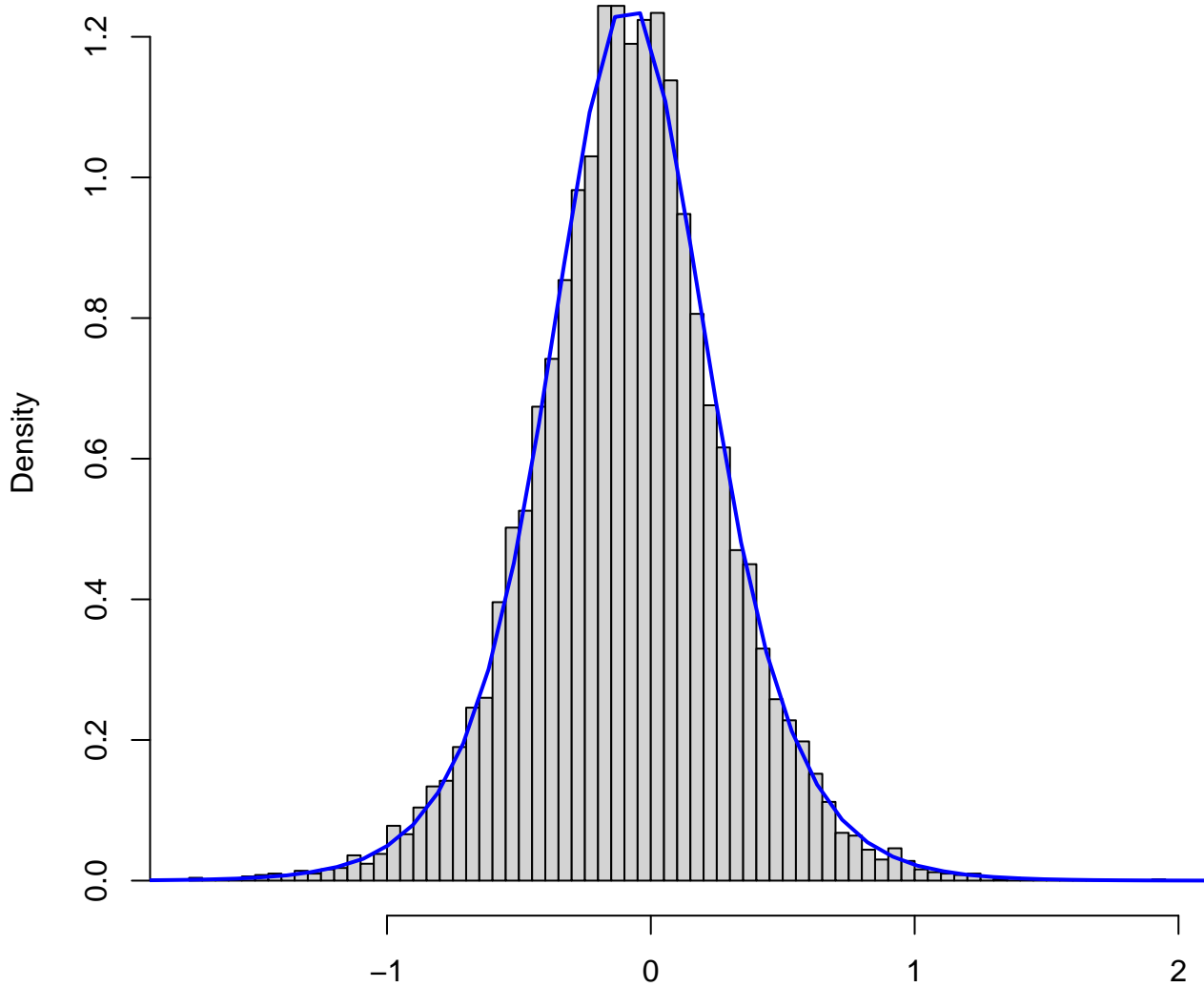


X3 red: ours, black: data



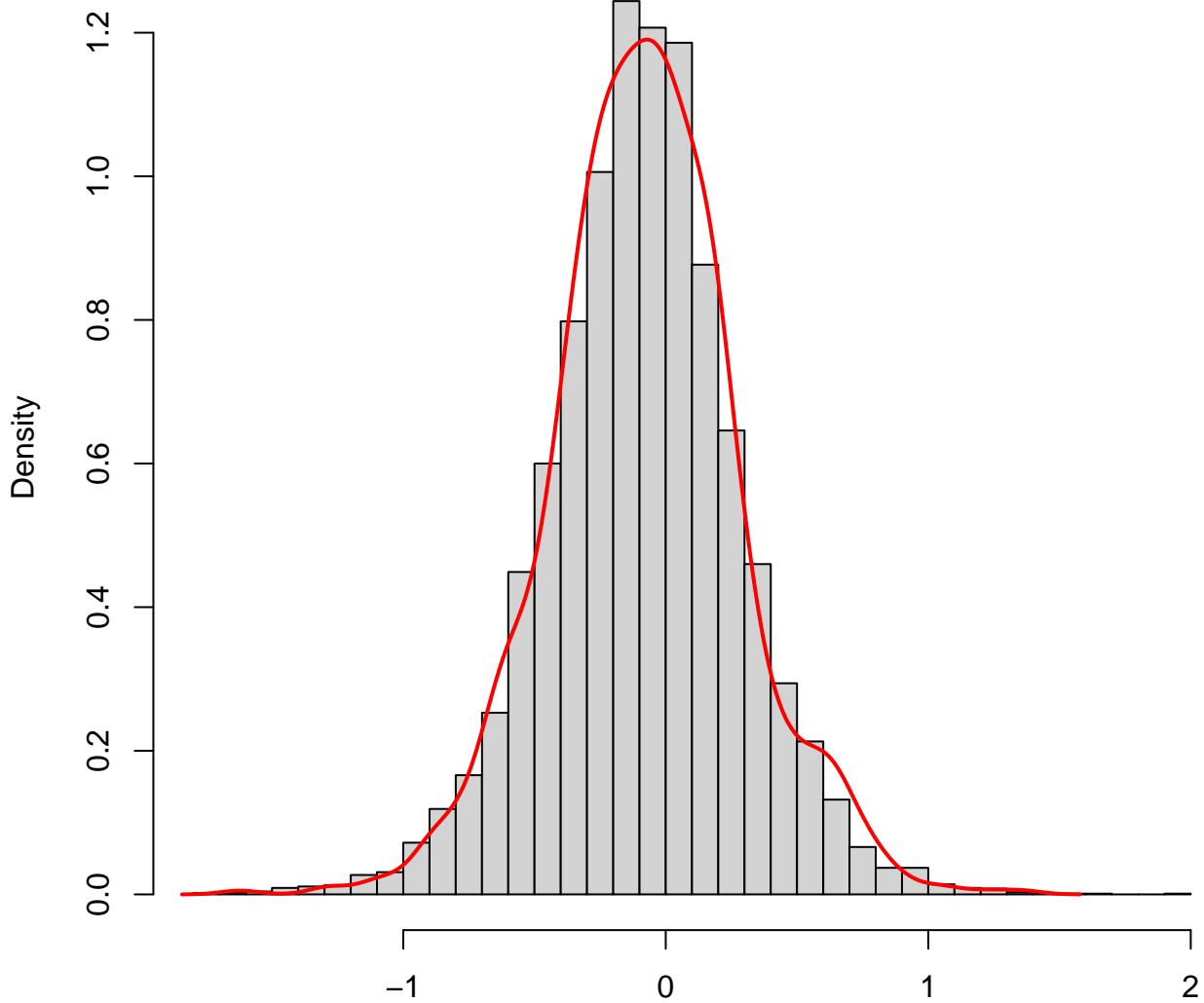


**Do(X1=0.2) X2**



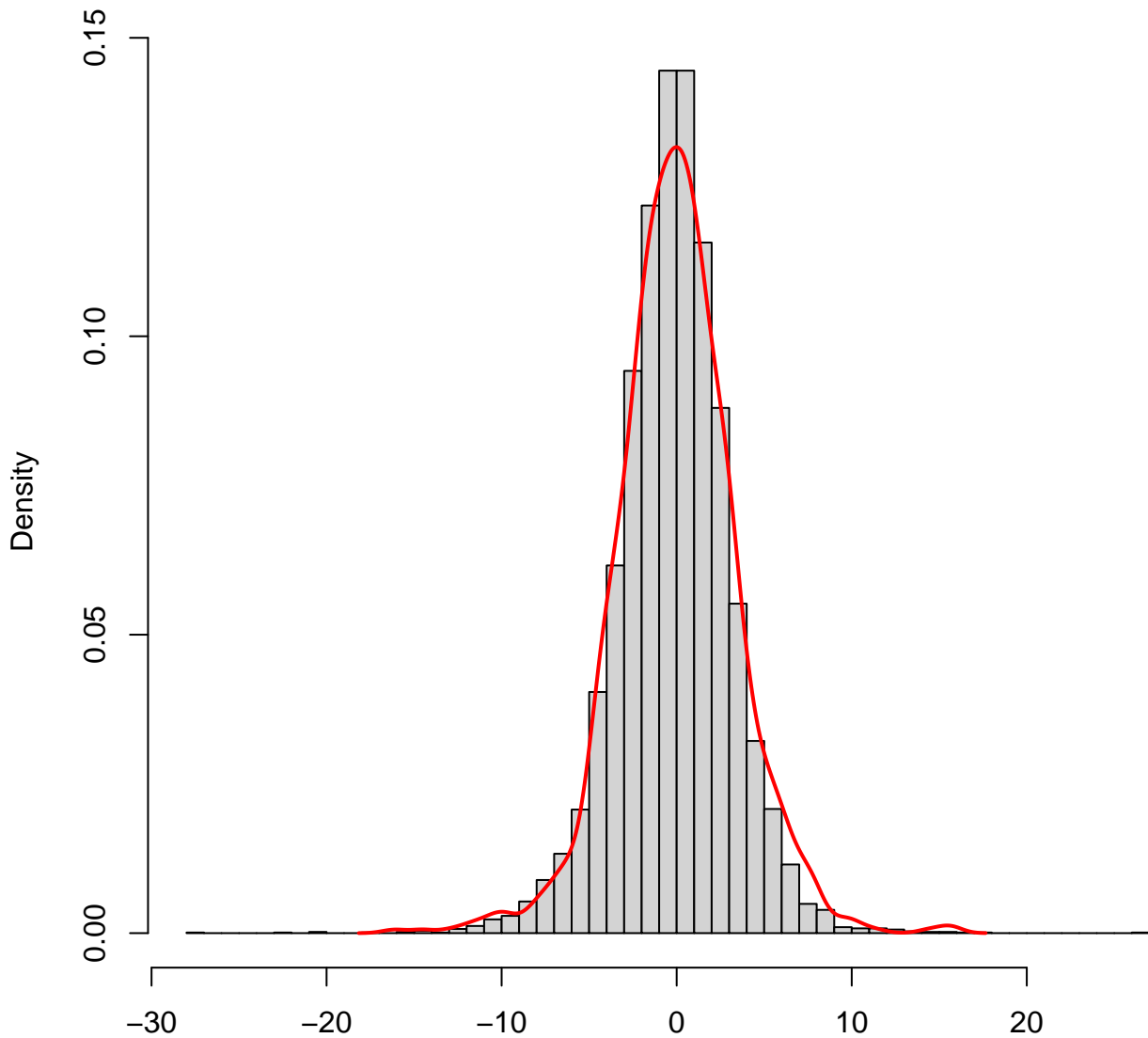
samples  
Histogram from DGP with do. Blue: Colr

**X2 | Do(X1=0.2)**



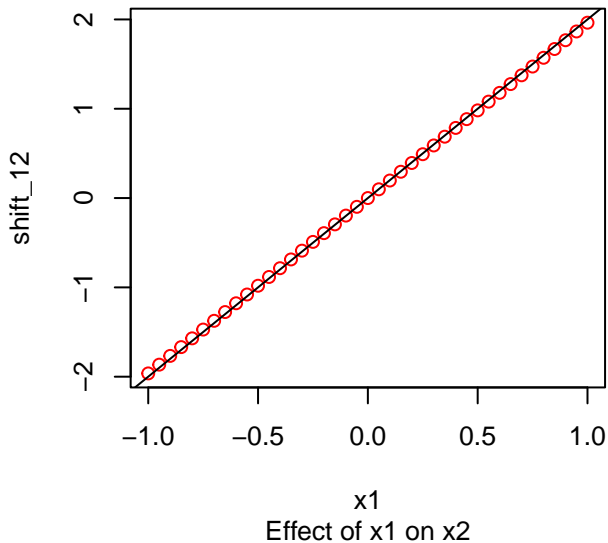
samples  
Histogram from DGP with do. red:TRAM\_DAG

**X3 | Do(X1=0.2)**

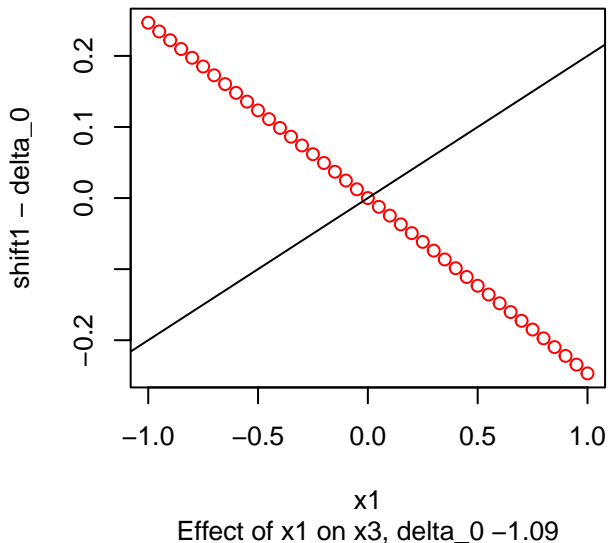


samples  
Histogram from DGP with do. red:TRAM\_DAG

**LS-Term (black DGP, red Ours)**



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