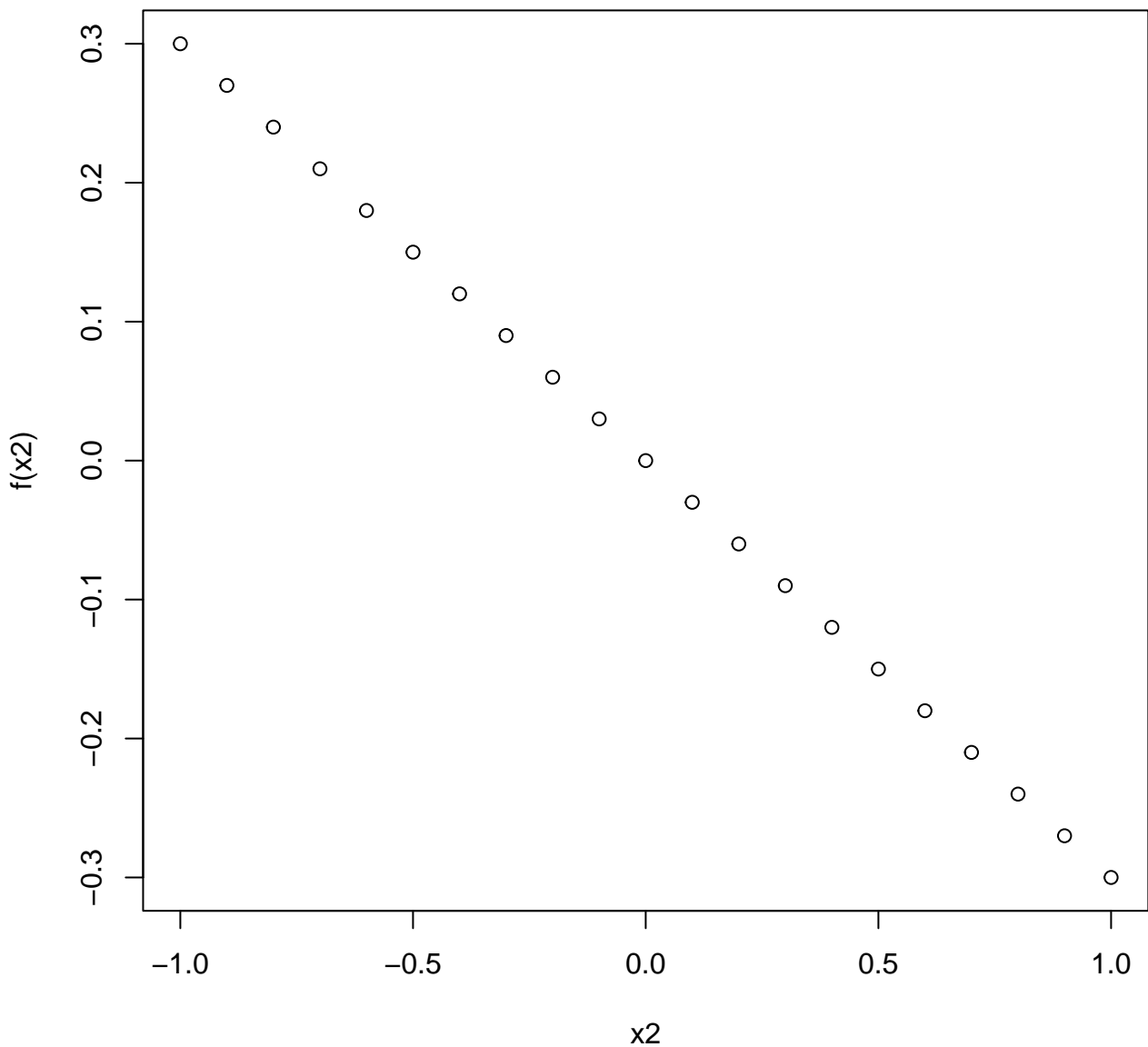
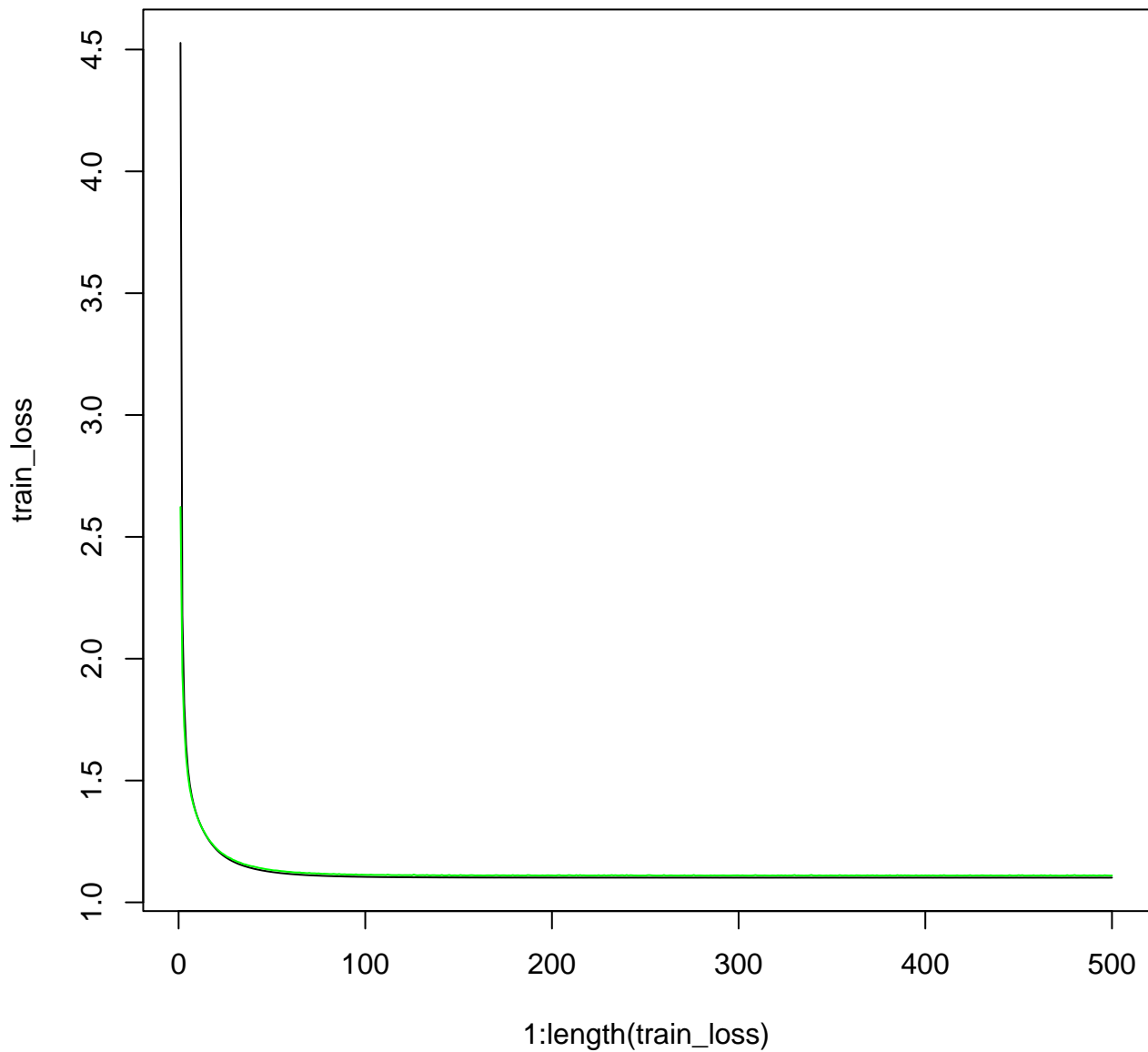
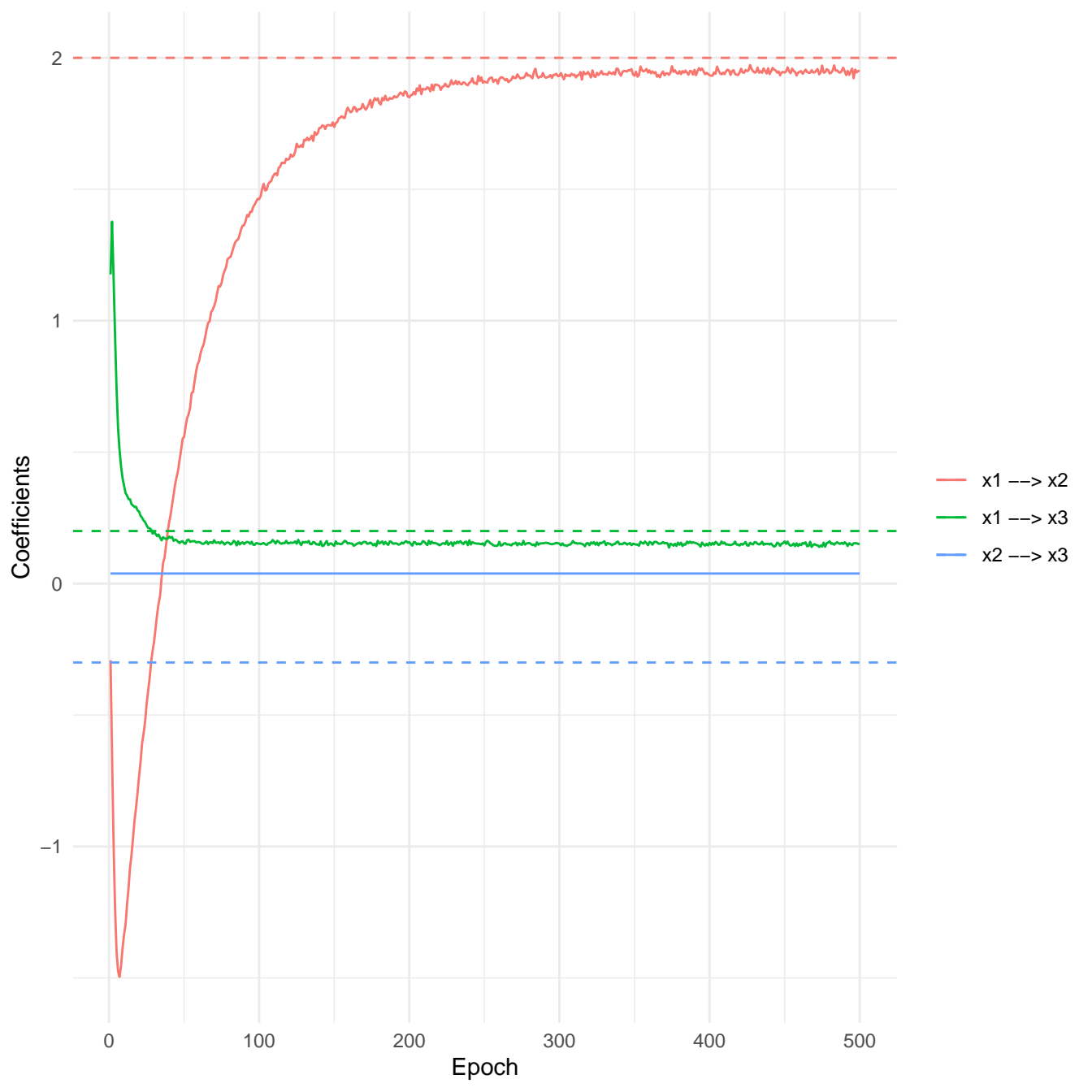


# DGP influence of x2 on x3

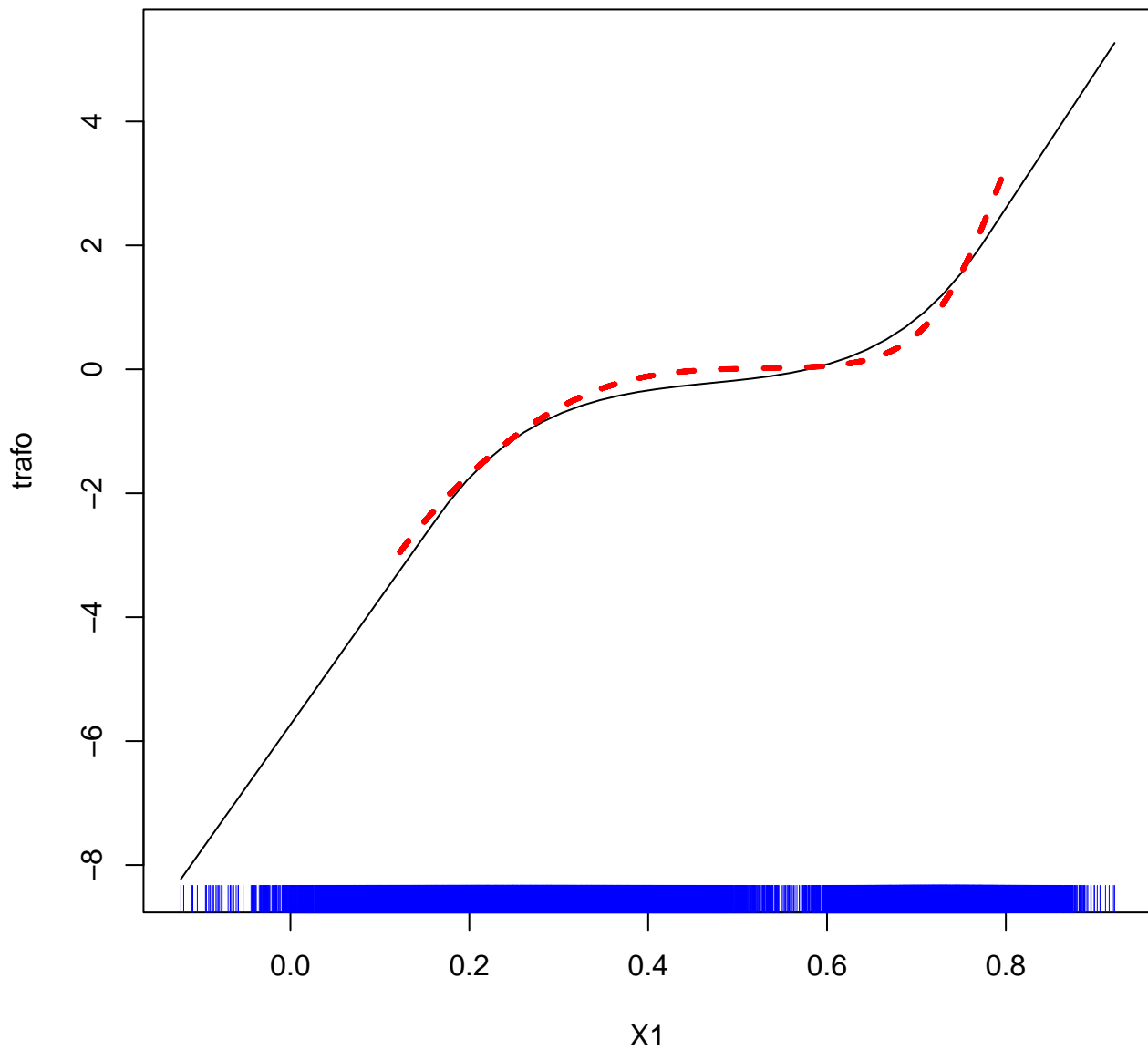


**Normal Training (green is valid)**

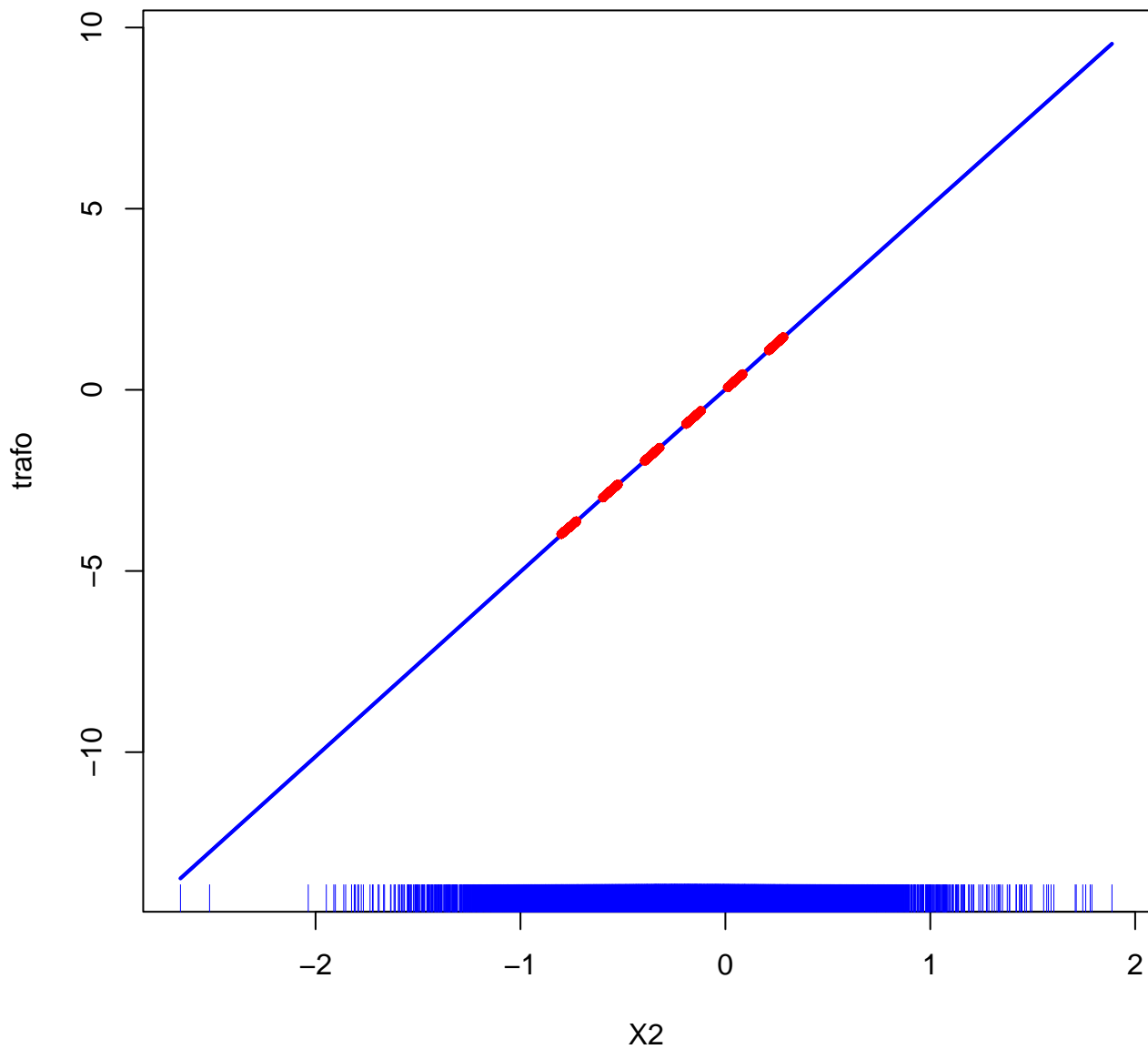




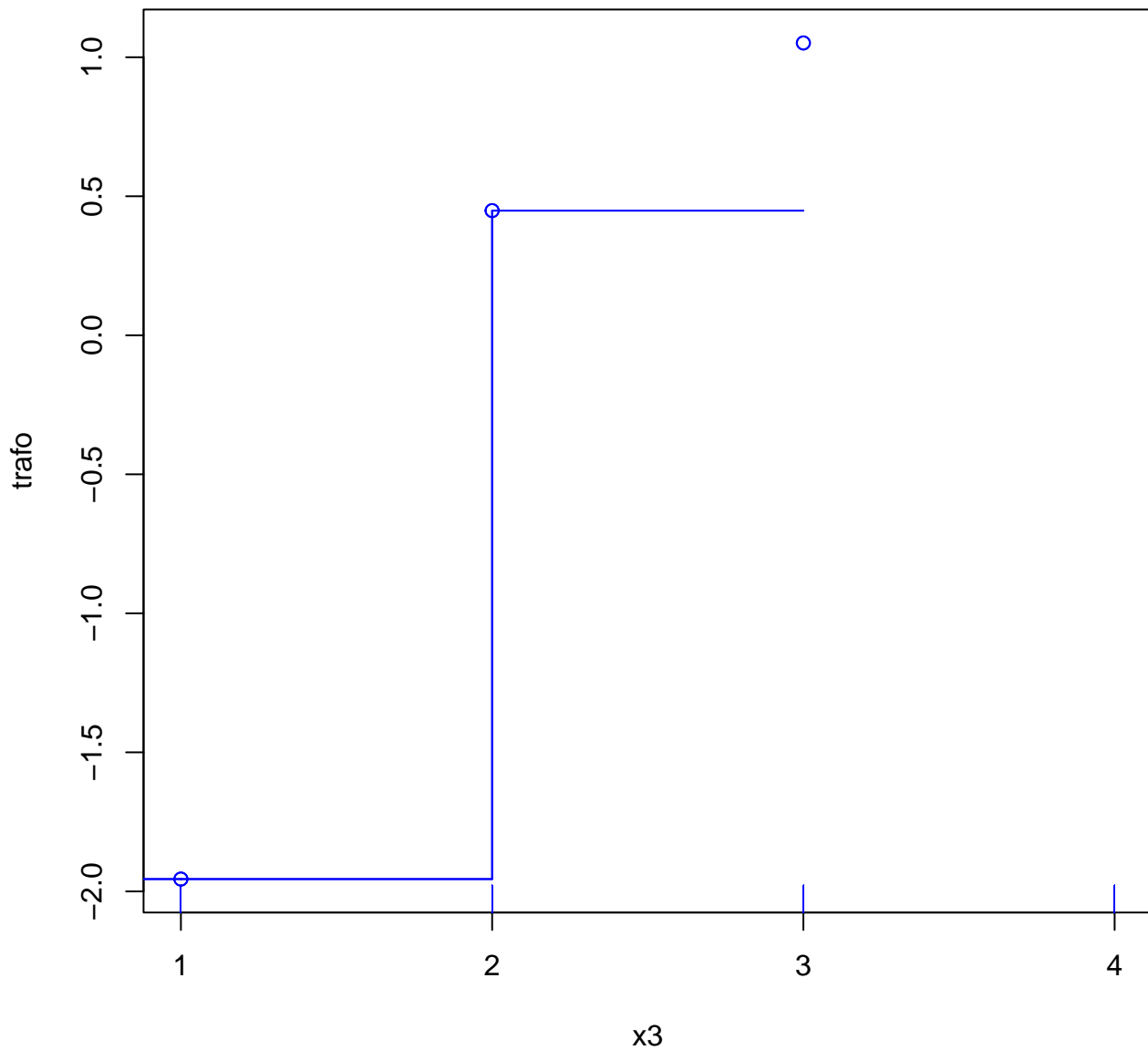
**Black: COLR, Red: Our Model**



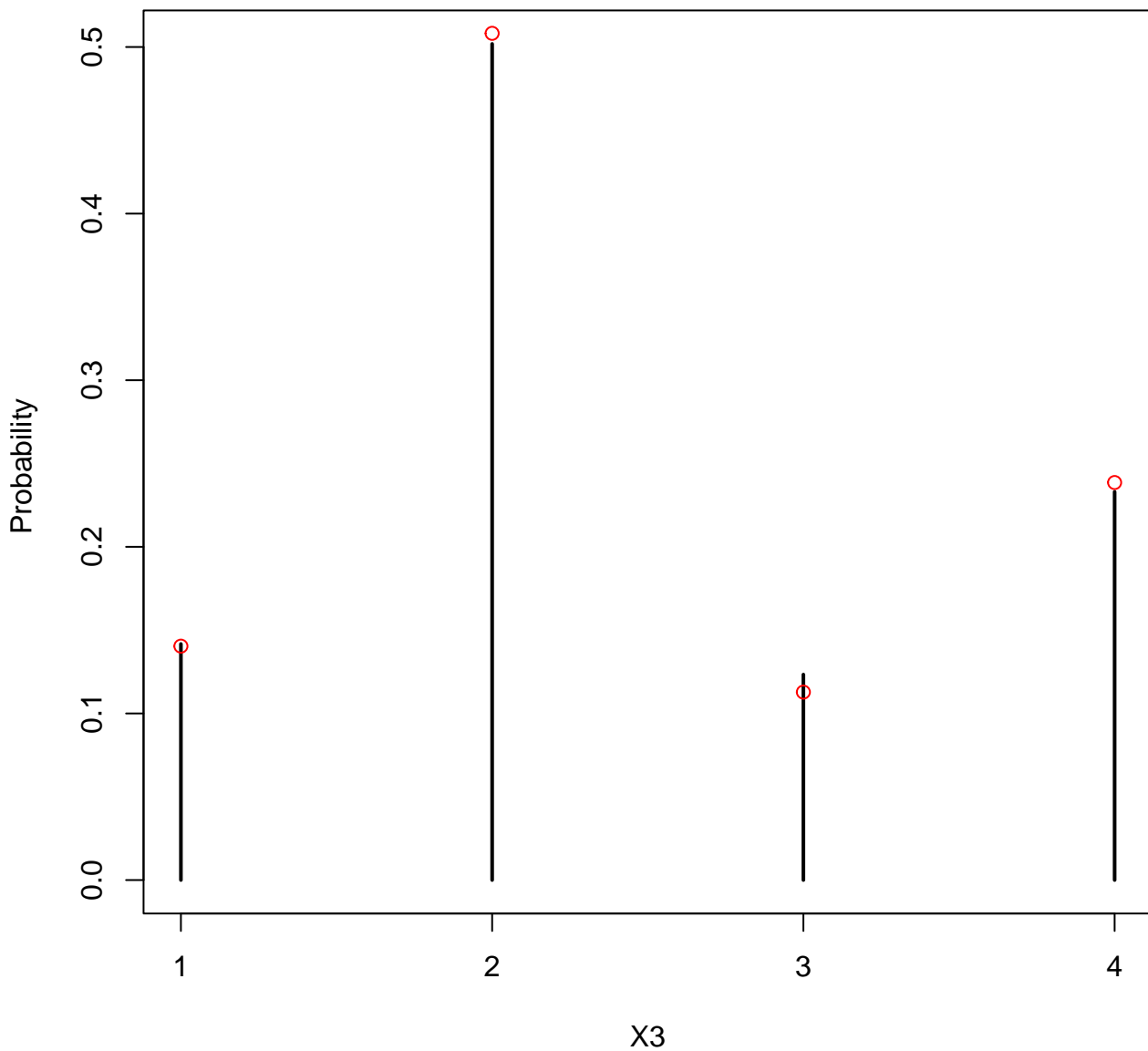
**$h_I(X_2)$  Black: COLR, Red: Our Model**



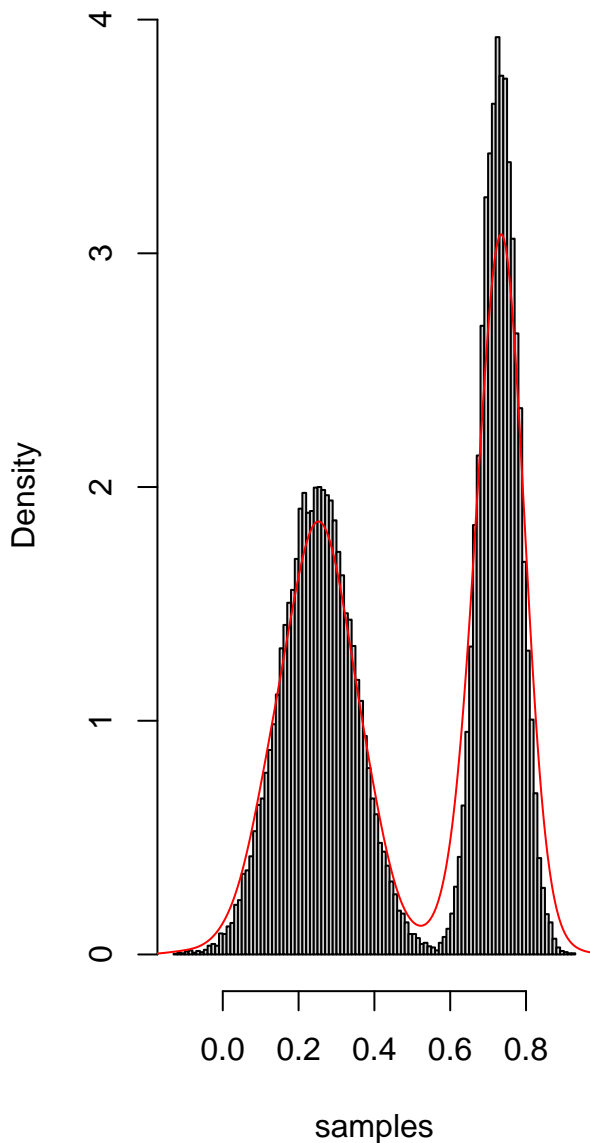
$h_l(X_3)$  Polr (blue) our Model (red)



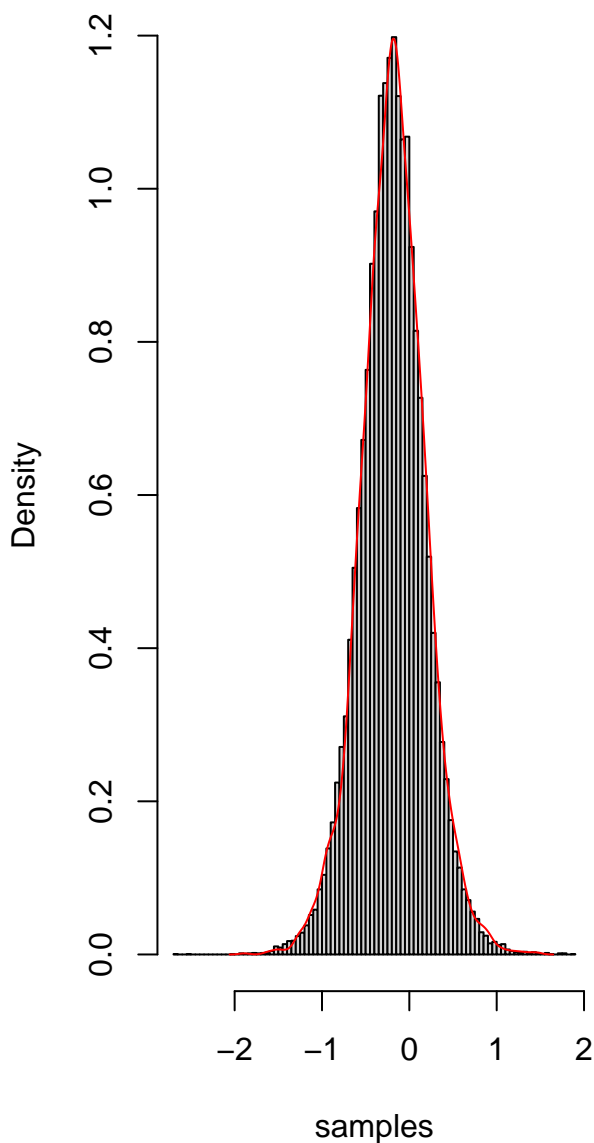
**Black = Observations, Red samples from TRAM-DAG**



**X1 red: ours, black: data**

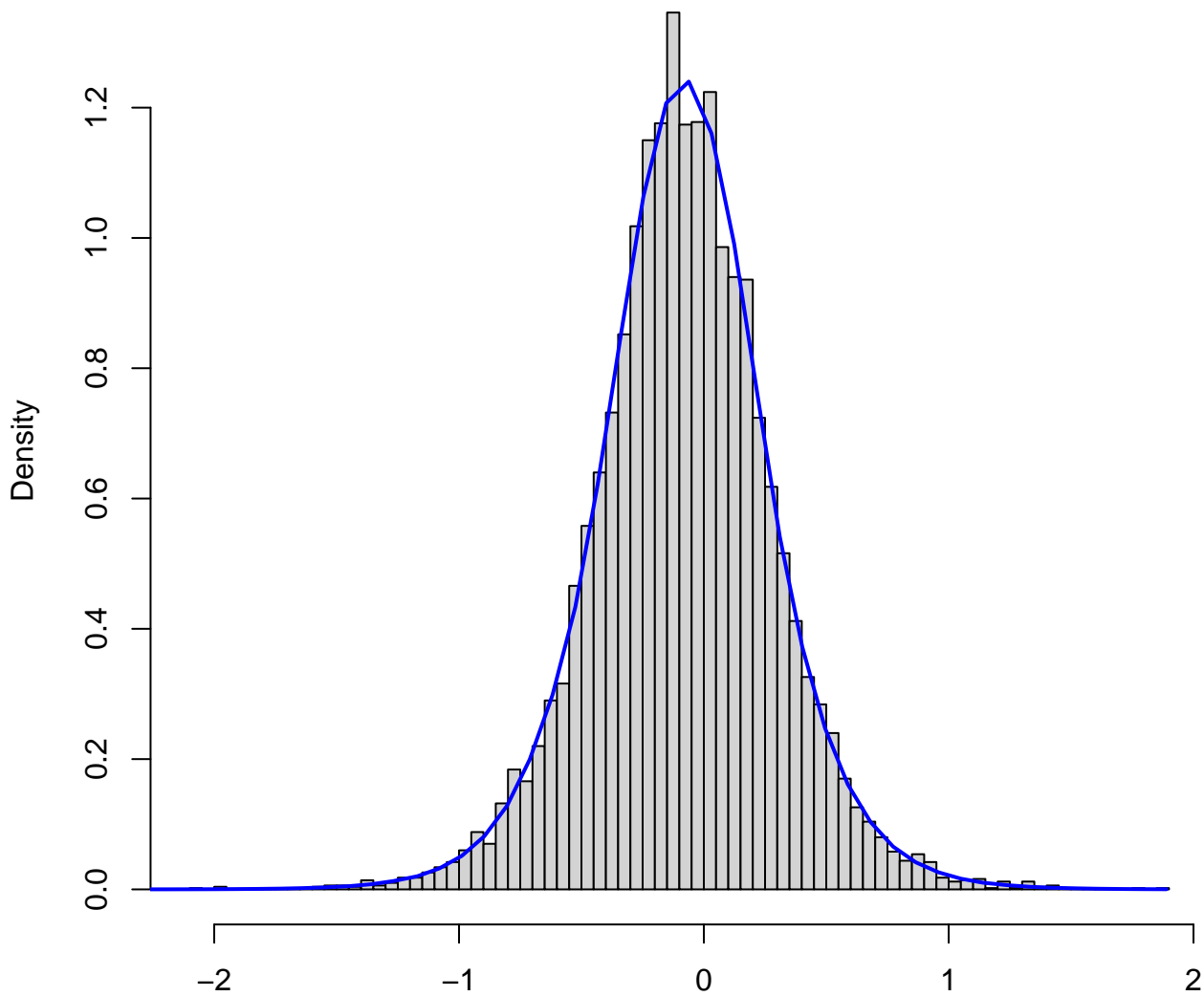


**X2 red: ours, black: data**



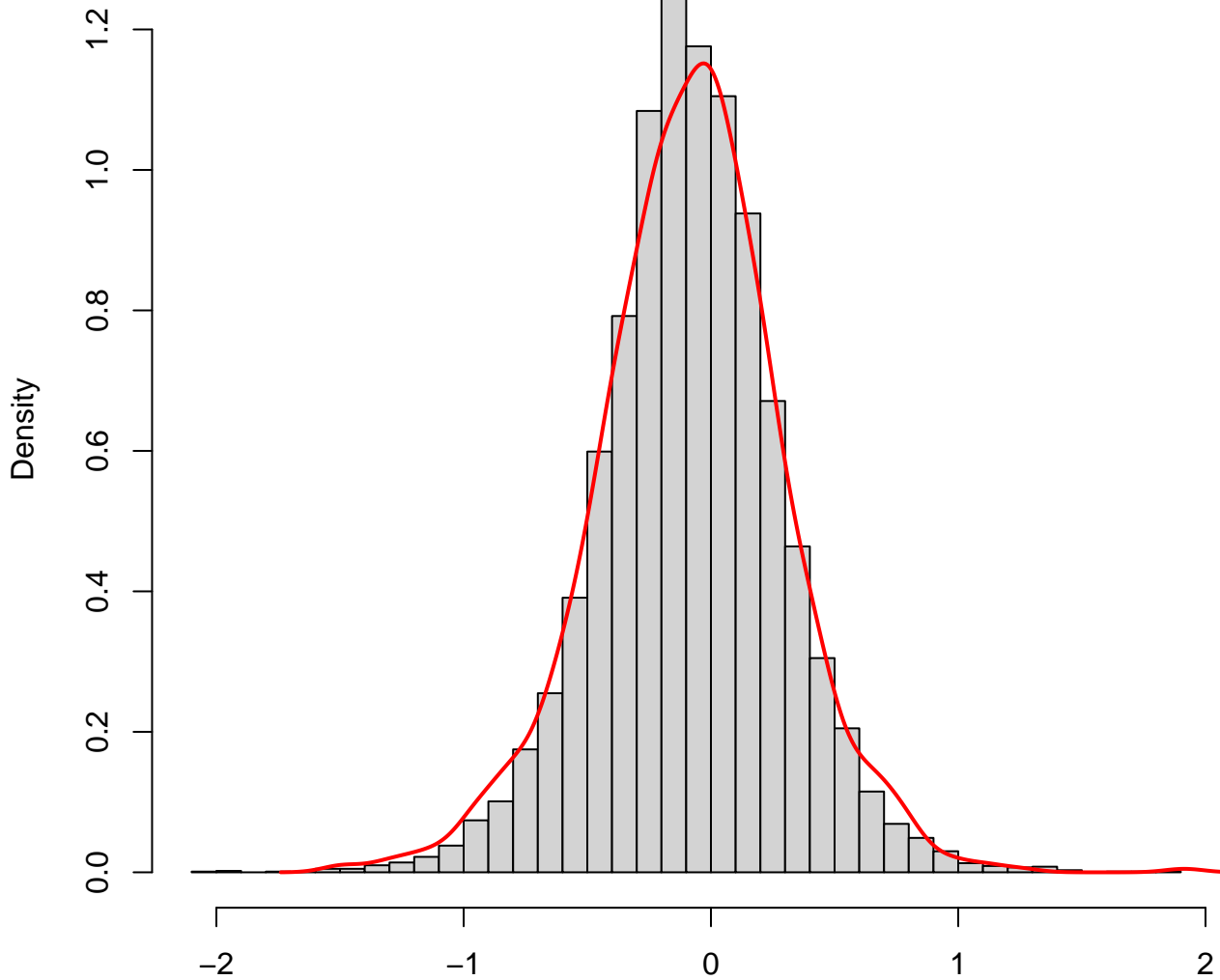


Do(X1=0.2) X2



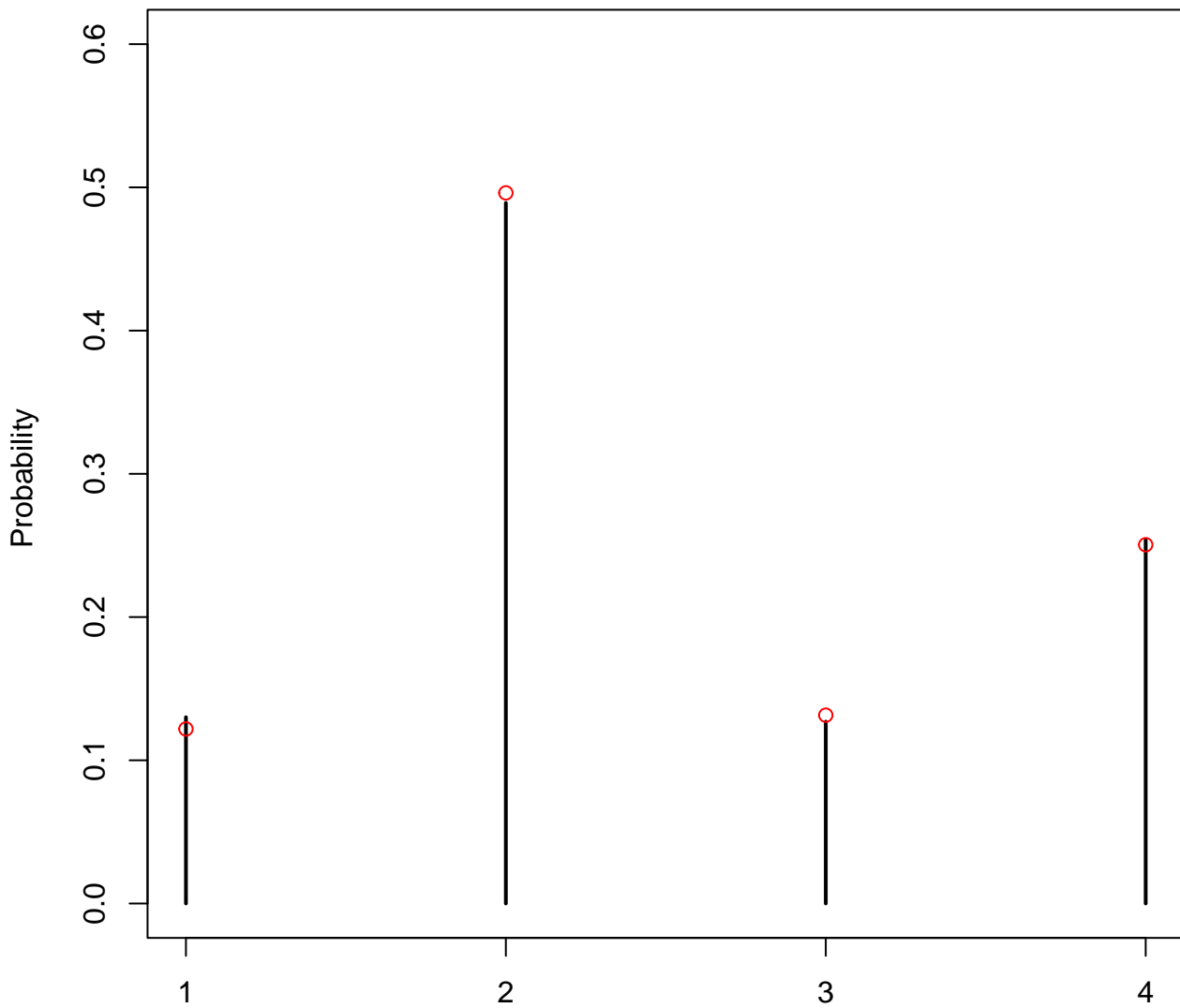
samples  
Histogram from DGP with do. Blue: Colr

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



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

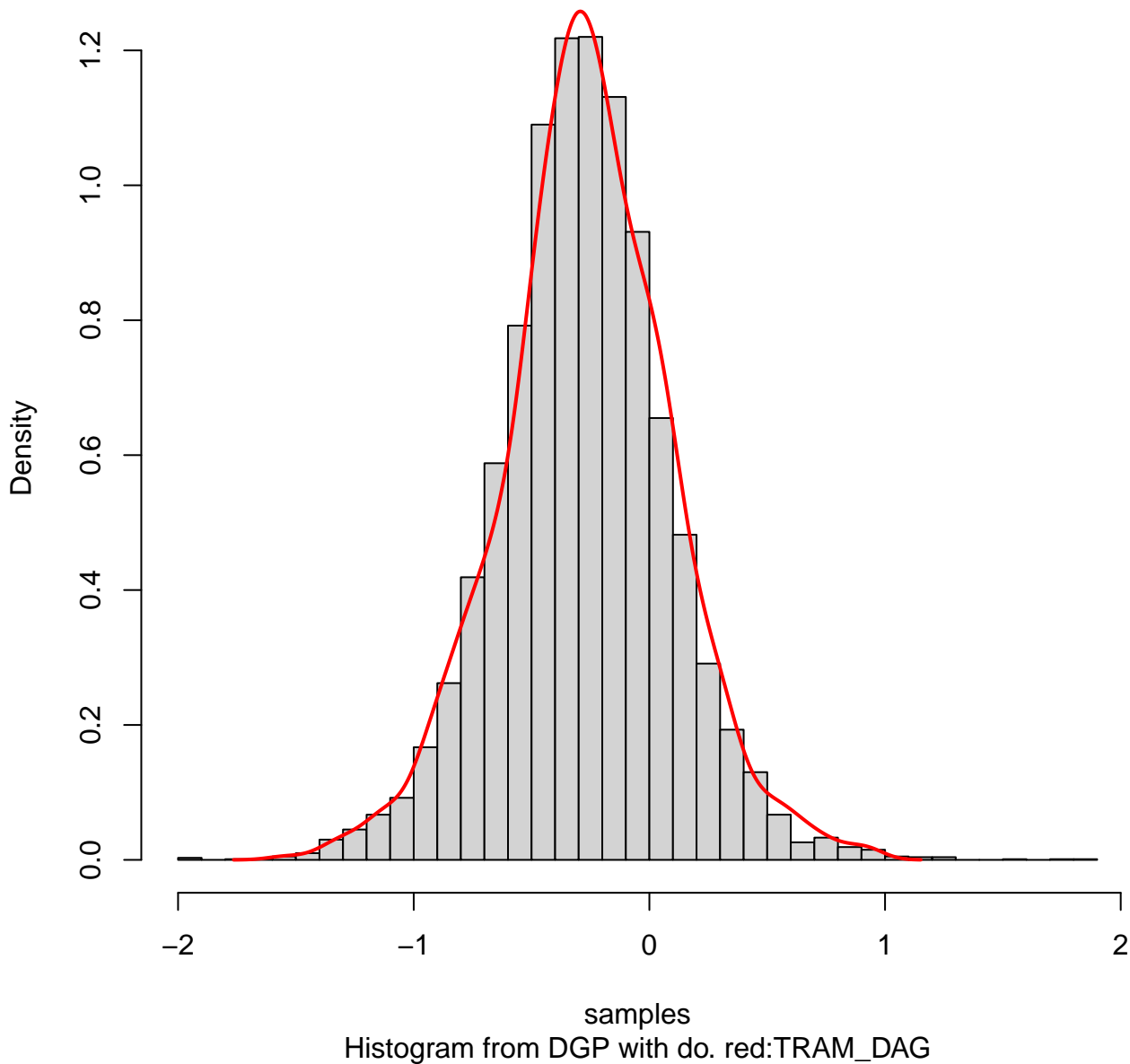
**X3 | do(X1=0.2)**



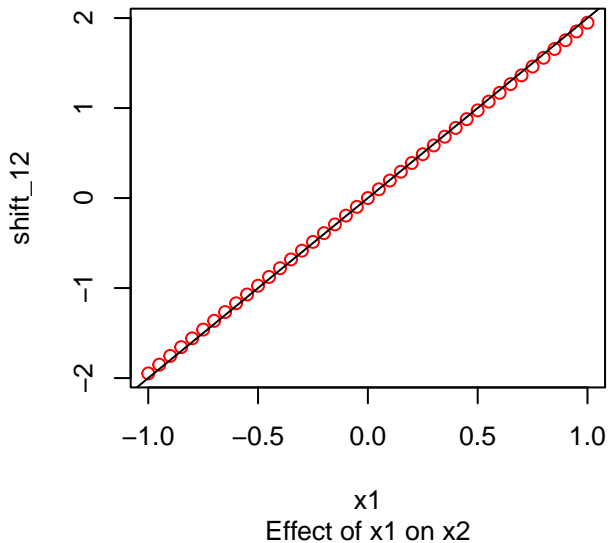
$X_3$

Black DGP with do. red:TRAM\_DAG

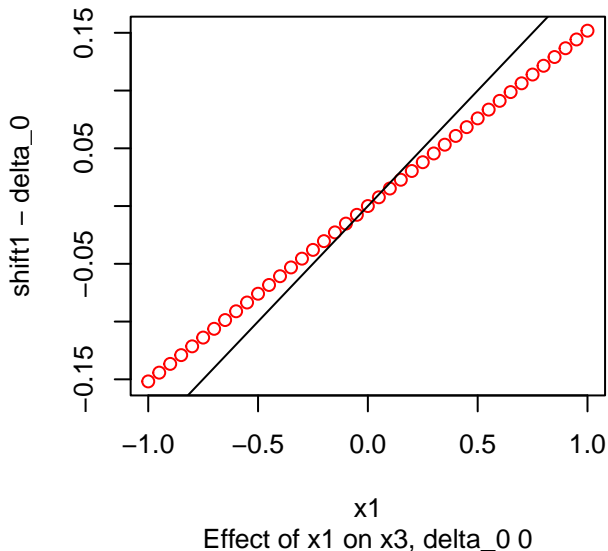
**X2 | Do(X1=0.7)**



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



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



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

