case1

data: E with 2 continuous variables and 2 discrete variables

 $\mathsf{GxE} \colon \mathsf{g}[,1] \ast \mathsf{e}[,1], \mathsf{g}[,3] \ast \mathsf{e}[,2], \mathsf{g}[,5] \ast \mathsf{e}[,3], \mathsf{g}[,8] \ast \mathsf{e}[,4], \mathsf{g}[,15] \ast \mathsf{e}[,1], \mathsf{g}[,18] \ast \mathsf{e}[,2],$

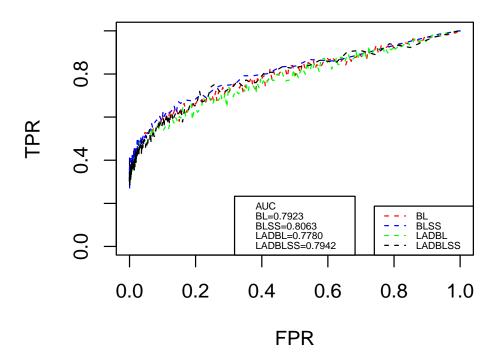
g[,24]*e[,4],g[,25]*e[,1],g[,35]*e[,2],g[,36]*e[,4],g[,40]*e[,1],g[,43]*e[,2]

n=200,p=50, seq(0,1,by=0.005), rep=30

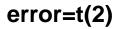
coefficients: (0.01, 0.3)

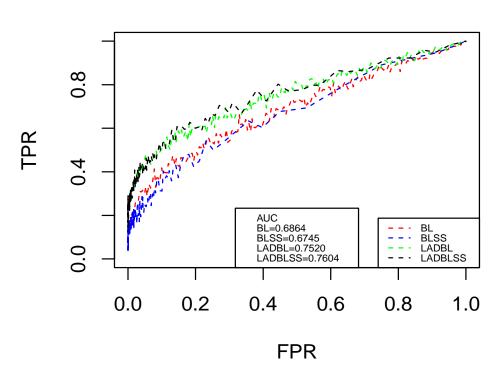
error: n(0,1)

	BL	BLSS	LADBL	LADBLSS
SD of AUC	0.0057	0.0143	0.0075	0.0121



	BL	BLSS	LADBL	LADBLSS
SD of AUC	0.0118	0.0279	0.0061	0.0159





case2

data: E with 2 continuous variables and 2 discrete variables

 $\mathsf{GxE} \colon \mathsf{g}[,1] \ast \mathsf{e}[,1], \mathsf{g}[,3] \ast \mathsf{e}[,2], \mathsf{g}[,5] \ast \mathsf{e}[,3], \mathsf{g}[,8] \ast \mathsf{e}[,4], \mathsf{g}[,15] \ast \mathsf{e}[,1], \mathsf{g}[,18] \ast \mathsf{e}[,2],$

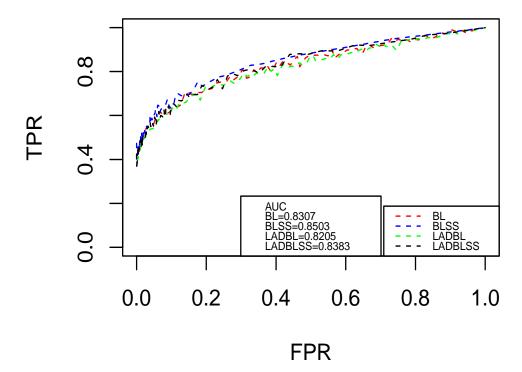
g[,24]*e[,4],g[,25]*e[,1],g[,35]*e[,2],g[,36]*e[,4],g[,40]*e[,1],g[,43]*e[,2]

n=200,p=50, seq(0,1,by=0.01), rep=30

coefficients: (0.1, 0.5)

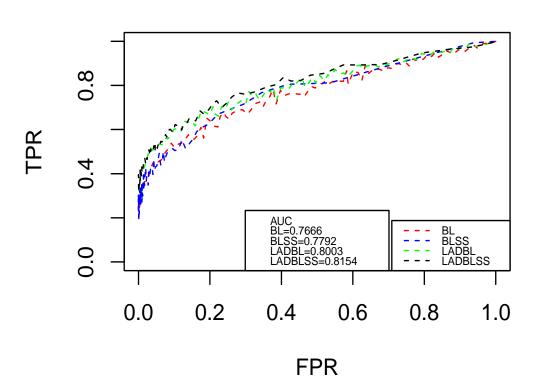
error: n(0,1)

	BL	BLSS	LADBL	LADBLSS
SD of AUC	0.0075	0.0159	0.0068	0.0141



	BL	BLSS	LADBL	LADBLSS
SD of AUC	0.0112	0.0265	0.0089	0.0116





case3

data: E with 2 continuous variables and 2 discrete variables

GxE: g[,1]*e[,1],g[,3]*e[,2],g[,5]*e[,3],g[,8]*e[,4],g[,15]*e[,1],g[,18]*e[,2],

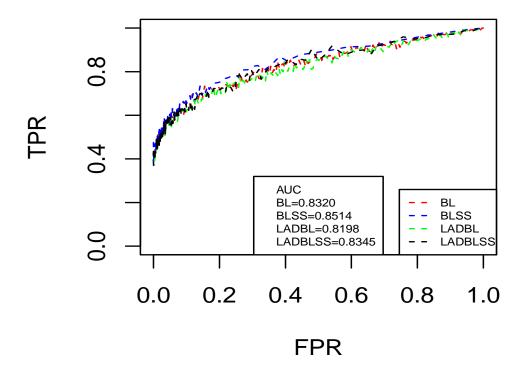
g[,24]*e[,4],g[,25]*e[,1],g[,35]*e[,2],g[,36]*e[,4],g[,40]*e[,1],g[,43]*e[,2]

n=200,p=50, seq(0,1,by=0.005), rep=30

coefficients: (0.1, 0.5)

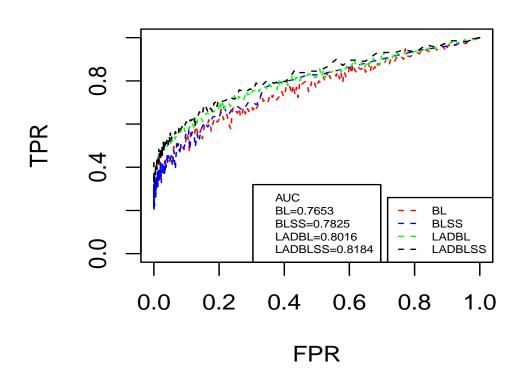
error: n(0,1)

	BL	BLSS	LADBL	LADBLSS
SD of AUC	0.0065	0.0109	0.0055	0.0086



	BL	BLSS	LADBL	LADBLSS
SD of AUC	0.0069	0.0180	0.0059	0.0081





case4

data: E with 2 continuous variables and 2 discrete variables

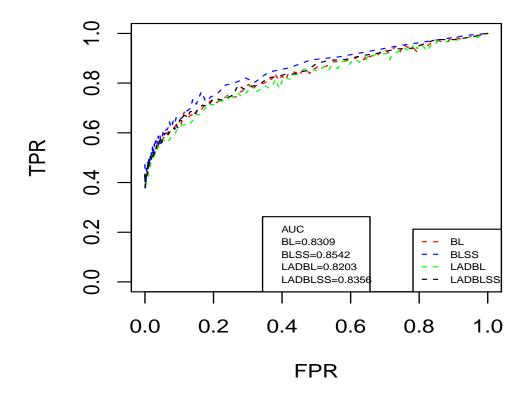
GxE: g[,1]*e[,1],g[,3]*e[,2],g[,5]*e[,3],g[,8]*e[,4],g[,15]*e[,1],g[,18]*e[,2],g[,24]*e[,4],g[,25]*e[,1],g[,35]*e[,2],g[,36]*e[,4],g[,40]*e[,1],g[,43]*e[,2]

n=200,p=50, seq(0,1,by=0.01), rep=50

coefficients: (0.1, 0.5)

error: n(0,1)

	BL	BLSS	LADBL	LADBLSS
SD of AUC	0.0082	0.0153	0.0077	0.0111



	BL	BLSS	LADBL	LADBLSS
SD of AUC	0.0125	0.0298	0.0091	0.0129



