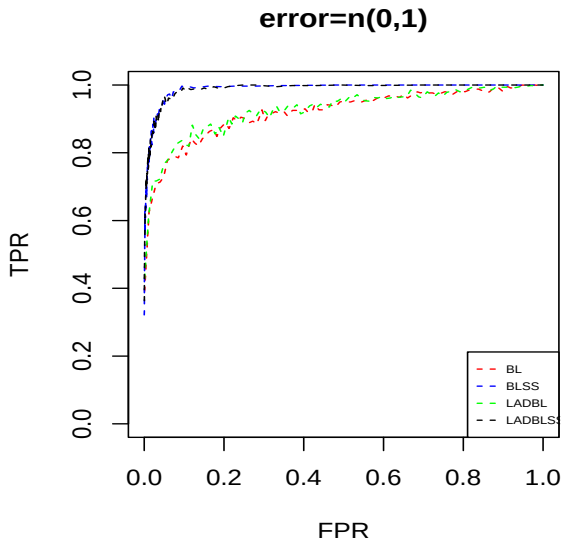
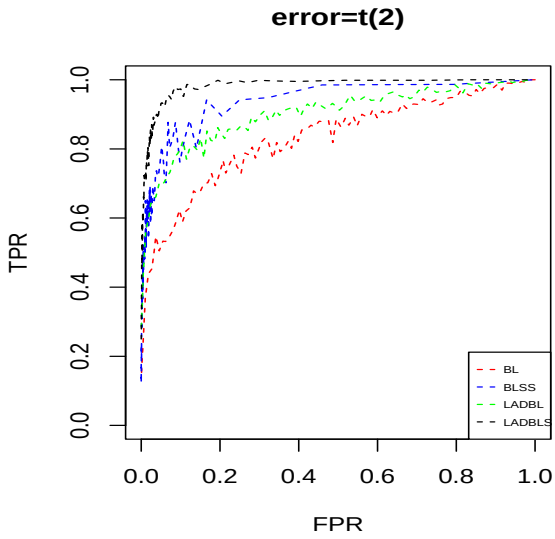
case1
data: E with 4 continuous variables
GxE: g[,1]*e[,1],g[,1]*e[,2],g[,1]*e[,3],g[,2]*e[,4],g[,3]*e[,1],g[,3]*e[,2],
g[,4]*e[,4],g[,5]*e[,1],g[,5]*e[,2],g[,6]*e[,4],g[,7]*e[,1],g[,7]*e[,2]

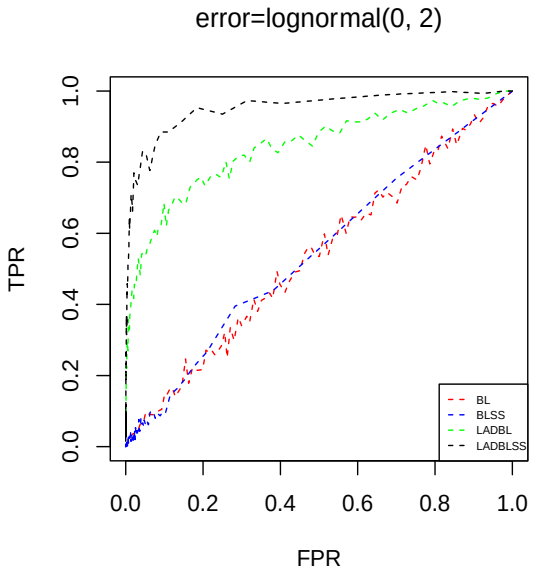
n=200, p=500, seq(0,1,by=0.01), rep=30

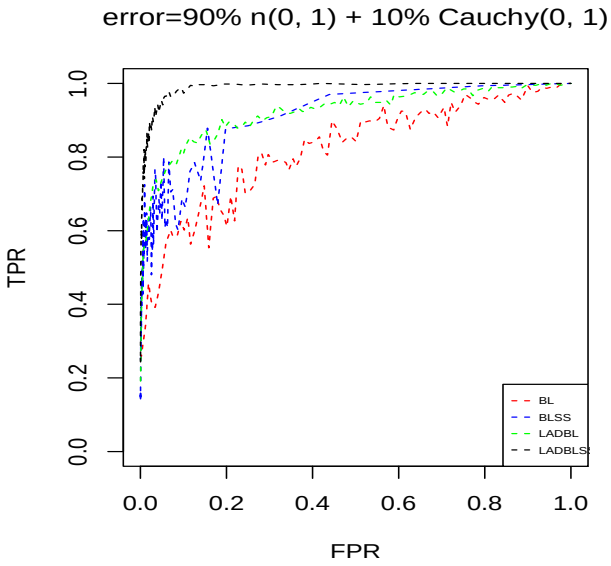
coefficients: (0.1, 0.5)

error		BL	BLSS	LADBL	LADBLSS
n(0,1)	AUC	0.9182	0.9901	0.9258	0.9887
	SD	0.0052	0.0021	0.0076	0.0026
t(2)	AUC	0.8332	0.9420	0.9004	0.9841
	SD	0.0107	0.0235	0.0078	0.0031
lognorm(0,2)	AUC	0.5343	0.5473	0.8432	0.9558
	SD	0.0144	0.0576	0.0115	0.0161
90% n(0,1) + 10% Cauchy(0,1)	AUC	0.8221	0.9124	0.9222	0.9895
	SD	0.0212	0.0410	0.0071	0.0024
80% n(0,1) + 20% Cauchy(0,1)	AUC	0.7507	0.8431	0.9192	0.9904
	SD	0.0217	0.0633	0.0059	0.0018
10%laplace(0,1) +90% laplace(0,6)	AUC	0.6121	0.7262	0.6868	0.8077
	SD	0.0149	0.0497	0.0114	0.0221

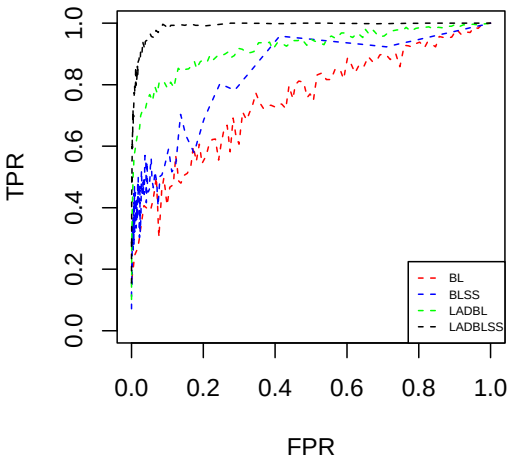

error=n(0,1)
TPR
FPR
0.0
0.2
0.4
0.6
0.8
1.0
BL
BLSS
LADBL
LADBLSS


error=t(2)
TPR
FPR
0.0
0.2
0.4
0.6
0.8
1.0
BL
BLSS
LADBL
LADBLSS

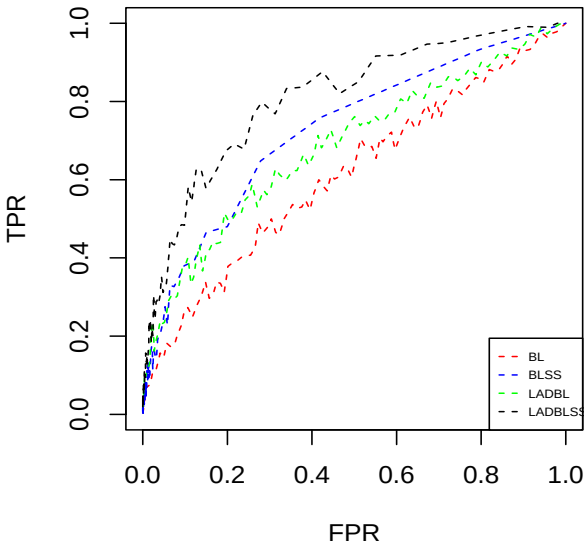

error=lognormal(0, 2)
TPR
FPR
0.0
0.2
0.4
0.6
0.8
1.0
BL
BLSS
LADBL
LADBLSS


error=90% n(0, 1) + 10% Cauchy(0, 1)
TPR
FPR
0.0
0.2
0.4
0.6
0.8
1.0
BL
BLSS
LADBL
LADBLSS

error=80%n(0, 1)+20%Cauchy(0, 1)



error=10%laplace(0, 1)+90%laplace(0, 6)



case1
data: E with 4 continuous variables
GxE: g[,1]*e[,1],g[,1]*e[,2],g[,1]*e[,3],g[,2]*e[,4],g[,3]*e[,1],g[,3]*e[,2],
g[,4]*e[,4],g[,5]*e[,1],g[,5]*e[,2],g[,6]*e[,4],g[,7]*e[,1],g[,7]*e[,2]

n=200, p=1000, seq(0,1,by=0.01), rep=30

coefficients: (0.1, 0.5)

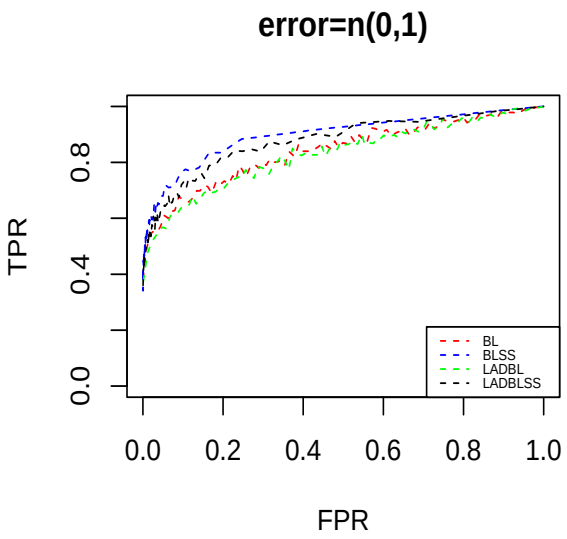
error		BL	BLSS	LADBL	LADBLSS
n(0,1)	AUC	0.9194	0.9912	0.9273	0.9898
	SD	0.0069	0.0015	0.0074	0.0022
t(2)	AUC	0.8301	0.9492	0.8995	0.9842
	SD	0.01294	0.0190	0.0078	0.0044
lognorm(0,2)	AUC	0.5407	0.5455	0.8436	0.9609
	SD	0.0125	0.0666	0.0098	0.0138
90% n(0,1) + 10% Cauchy(0,1)	AUC	0.8248	0.9202	0.9248	0.9899
	SD	0.0158	0.0345	0.0055	0.0026
	AUC				
	SD				

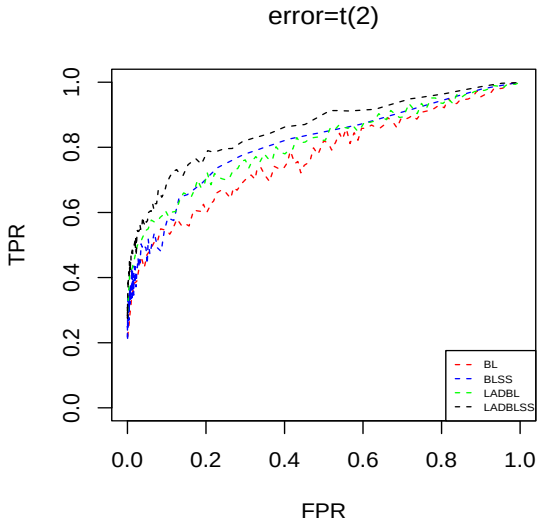
case2
data: E with 2 continuous variables and 2 discrete variables
GxE: g[,1]*e[,1],g[,3]*e[,2],g[,5]*e[,3],g[,8]*e[,4],g[,15]*e[,1],g[,18]*e[,2],
g[,24]*e[,4],g[,25]*e[,1],g[,35]*e[,2],g[,36]*e[,4],g[,40]*e[,1],g[,43]*e[,2]

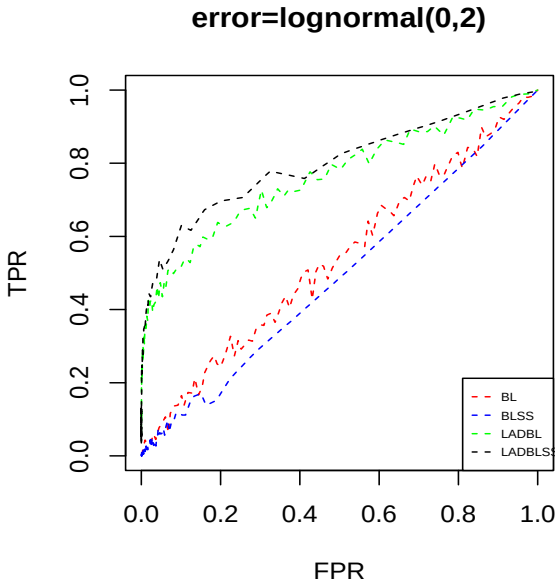
n=200, p=500, seq(0,1,by=0.01), rep=30

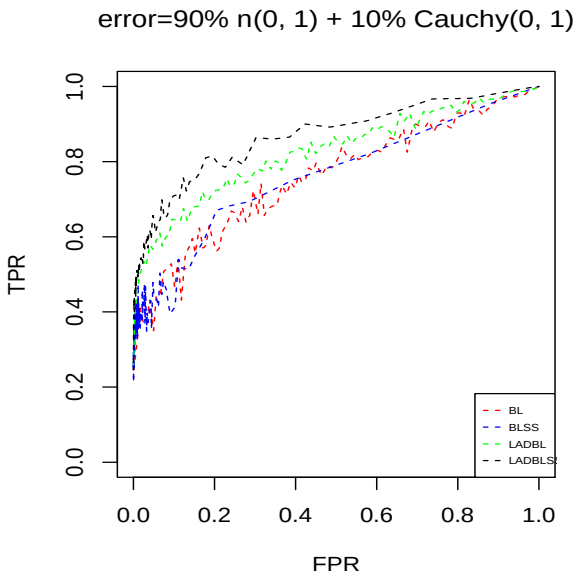
coefficients: (0.1, 0.5)

error		BL	BLSS	LADBL	LADBLSS
n(0,1)	AUC	0.8413	0.8995	0.8294	0.8814
	SD	0.0066	0.0179	0.0096	0.0101
t(2)	AUC	0.7716	0.8138	0.8092	0.8598
	SD	0.0085	0.0288	0.0073	0.0123
lognorm(0,2)	AUC	0.5385	0.4917	0.7654	0.8001
	SD	0.0123	0.0403	0.0127	0.0212
90% n(0,1) + 10% Cauchy(0,1)	AUC	0.7620	0.7679	0.8263	0.8715
	SD	0.0096	0.0635	0.0078	0.0141
80% n(0,1) + 20% Cauchy(0,1)	AUC	0.7121	0.6995	0.8201	0.8675
	SD	0.0167	0.0765	0.0088	0.0129
10%laplace(0,1) +90% laplace(0,6)	AUC				
	SD				

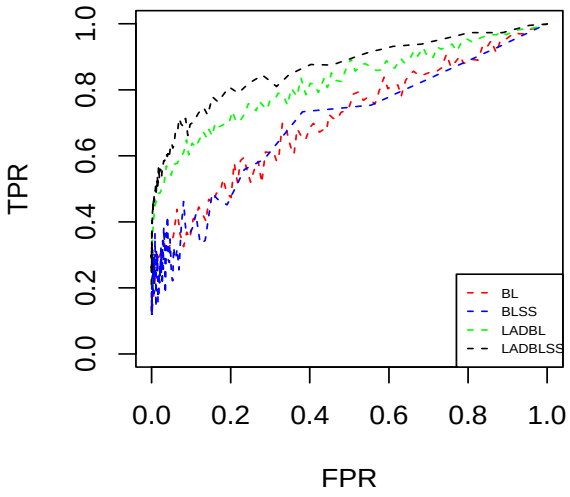

error=n(0,1)
TPR
FPR
0.0
0.2
0.4
0.6
0.8
1.0
BL
BLSS
LADBL
LADBLSS


error=t(2)
TPR
FPR
0.0
0.2
0.4
0.6
0.8
1.0
BL
BLSS
LADBL
LADBLSS

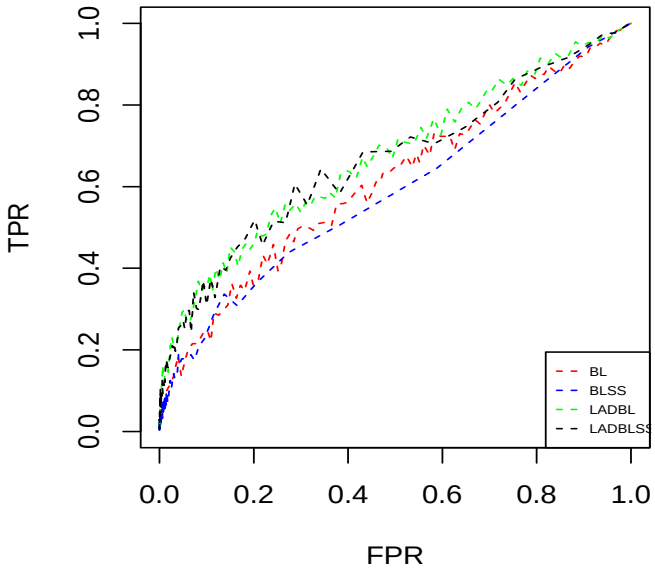

error=lognormal(0,2)
TPR
FPR
0.0
0.2
0.4
0.6
0.8
1.0
BL
BLSS
LADBL
LADBLSS


error=90% n(0, 1) + 10% Cauchy(0, 1)
TPR
FPR
0.0
0.2
0.4
0.6
0.8
1.0
BL
BLSS
LADBL
LADBLSS

error=80%n(0, 1)+20%Cauchy(0, 1)



error=10%laplace(0, 1)+90%laplace(0, 6)



case2
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=1000, seq(0,1,by=0.01), rep=30

coefficients: (0.1, 0.5)

error		BL	BLSS	LADBL	LADBLSS
n(0,1)	AUC	0.8422	0.9008	0.8280	0.8756
	SD	0.0065	0.0235	0.0082	0.0121
t(2)	AUC	0.7726	0.8115	0.8065	0.8575
	SD	0.0088	0.0349	0.0078	0.0126
lognorm(0,2)	AUC	0.5348	0.4941	0.7696	0.7973
	SD	0.0134	0.0505	0.0098	0.0228
90% n(0,1) + 10% Cauchy(0,1)	AUC	0.7661	0.7840	0.8275	0.8719
	SD	0.0087	0.0385	0.0071	0.0094
	AUC				
	SD				