Scenrario_test_1223

beta : 2 1.5 0.5 0 0 0 0 0

intercept : 0

sample size : 200

simulation time : 100

loss_rate: 0.625

error_independent: FALSE

missing_method: xy

missing_location: 1

lambda_location_for_cv(SCAD): 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30

lambda_location_for_cv(MCP): 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30

file_name: ./data/beta_2_1.5_n_200_lambda_location_l1_30_error_independent_FALSE_x_missing_location_1.Rdata

table_original

	rho	r_sd	L_inf	L_sd	L_1	L_1_sd	L_2	L_2_sd	tn0e0	t0en0	tn0e0_sd	t0en0_sd
FLASSO	0	0	0.133	0.043	0.333	0.152	0.178	0.059	0.00	1.86	0.000	1.484
FSCAD	0	0	0.122	0.061	0.260	0.155	0.156	0.080	0.01	0.76	0.100	1.224
FMCP	0	0	0.116	0.044	0.240	0.138	0.148	0.063	0.00	0.41	0.000	1.006
CLASSO	0	0	0.212	0.089	0.519	0.214	0.280	0.103	0.00	2.06	0.000	1.510
CSCAD	0	0	0.187	0.101	0.402	0.242	0.238	0.125	0.02	0.92	0.141	1.161
CMCP	0	0	0.188	0.108	0.388	0.241	0.236	0.129	0.05	0.51	0.219	0.904
PLASSO	0	0	0.434	0.216	1.051	0.354	0.561	0.236	0.00	3.42	0.000	1.281
PSCAD1	0	0	0.347	0.194	0.743	0.437	0.441	0.239	0.02	0.85	0.141	1.274
PSCAD2	0	0	0.350	0.199	0.764	0.476	0.450	0.256	0.01	0.81	0.100	1.134
PSCAD3	0	0	0.356	0.204	0.778	0.485	0.456	0.261	0.01	0.81	0.100	1.116
PMCP1	0	0	0.345	0.190	0.736	0.427	0.438	0.234	0.02	0.85	0.141	1.250
PMCP2	0	0	0.347	0.182	0.768	0.440	0.447	0.229	0.01	0.85	0.100	1.123
PMCP3	0	0	0.359	0.197	0.795	0.475	0.463	0.255	0.02	0.84	0.141	1.061

beta : 2 1.5 0.5 0 0 0 0 0

intercept : 0

sample size : 200

simulation time : 100

loss_rate: 0.625

error_independent: FALSE

missing_method: xy

missing_location: 3

lambda_location_for_cv(SCAD): 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30

lambda_location_for_cv(MCP): 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30

file_name: ./data/beta_2_1.5_n_200_lambda_location_l1_30_error_independent_FALSE_x_missing_location_3.Rdata

table_original

	rho	r_sd	L_inf	L_sd	L_1	L_1_sd	L_2	L_2_sd	tn0e0	t0en0	tn0e0_sd	t0en0_sd
FLASSO	0	0	0.136	0.059	0.321	0.152	0.178	0.075	0.00	1.68	0.000	1.222
FSCAD	0	0	0.127	0.065	0.265	0.166	0.160	0.086	0.00	0.71	0.000	1.085
FMCP	0	0	0.134	0.065	0.277	0.173	0.167	0.084	0.00	0.61	0.000	1.154
CLASSO	0	0	0.237	0.082	0.592	0.238	0.317	0.103	0.00	2.03	0.000	1.494
CSCAD	0	0	0.247	0.125	0.531	0.284	0.310	0.148	0.10	1.35	0.302	1.351
CMCP	0	0	0.255	0.131	0.557	0.308	0.323	0.151	0.12	1.13	0.327	1.574
PLASSO	0	0	0.415	0.177	1.110	0.394	0.567	0.221	0.01	3.55	0.100	1.192
PSCAD1	0	0	0.405	0.197	0.950	0.582	0.534	0.271	0.16	1.06	0.368	1.324
PSCAD2	0	0	0.415	0.202	0.989	0.587	0.553	0.277	0.20	1.02	0.402	1.247
PSCAD3	0	0	0.421	0.206	1.004	0.597	0.562	0.281	0.21	0.98	0.409	1.189
PMCP1	0	0	0.407	0.196	0.959	0.572	0.539	0.268	0.16	1.03	0.368	1.314
PMCP2	0	0	0.415	0.203	0.991	0.587	0.553	0.277	0.19	0.98	0.394	1.197
PMCP3	0	0	0.421	0.213	1.002	0.608	0.562	0.290	0.19	0.98	0.394	1.180

beta : 2 1.5 0.5 0 0 0 0 0

intercept : 0

sample size : 200

simulation time : 100

loss_rate: 0.625

error_independent: FALSE

missing_method: xy

missing_location: 8

lambda_location_for_cv(SCAD): 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30

lambda_location_for_cv(MCP): 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30

file_name: ./data/beta_2_1.5_n_200_lambda_location_l1_30_error_independent_FALSE_x_missing_location_8.Rdata

table_original

	rho	r_sd	L_inf	L_sd	L_1	L_1_sd	L_2	L_2_sd	tn0e0	t0en0	tn0e0_sd	t0en0_sd
FLASSO	0	0	0.131	0.051	0.331	0.167	0.176	0.068	0.00	1.71	0.000	1.493
FSCAD	0	0	0.116	0.055	0.240	0.160	0.145	0.074	0.00	0.66	0.000	1.103
FMCP	0	0	0.119	0.054	0.262	0.189	0.154	0.080	0.00	0.60	0.000	1.279
CLASSO	0	0	0.262	0.086	0.622	0.215	0.340	0.102	0.00	2.08	0.000	1.361
CSCAD	0	0	0.221	0.110	0.447	0.223	0.273	0.131	0.03	1.00	0.171	0.943
CMCP	0	0	0.228	0.110	0.481	0.281	0.286	0.135	0.05	0.82	0.219	1.149
PLASSO	0	0	0.472	0.200	1.170	0.364	0.624	0.235	0.00	3.26	0.000	1.300
PSCAD1	0	0	0.422	0.239	0.931	0.549	0.552	0.315	0.06	0.86	0.239	1.247
PSCAD2	0	0	0.410	0.233	0.905	0.523	0.536	0.300	0.04	0.84	0.197	1.108
PSCAD3	0	0	0.414	0.242	0.923	0.528	0.544	0.305	0.04	0.84	0.197	1.042
PMCP1	0	0	0.410	0.234	0.908	0.526	0.539	0.305	0.06	0.85	0.239	1.218
PMCP2	0	0	0.408	0.232	0.901	0.520	0.532	0.298	0.04	0.80	0.197	1.064
PMCP3	0	0	0.424	0.240	0.963	0.534	0.563	0.310	0.05	0.84	0.219	1.080

beta : 2 1.5 0.5 0 0 0 0 0

intercept : 0

sample size : 200

simulation time : 100

loss_rate: 0.625

error_independent: TRUE

missing_method: xy

missing_location: 1

lambda_location_for_cv(SCAD): 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30

lambda_location_for_cv(MCP): 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30

file_name: ./data/beta_2_1.5_n_200_lambda_location_l1_30_error_independent_TRUE_x_missing_location_1.Rdata

table_original

	rho	r_sd	L_inf	L_sd	L_1	L_1_sd	L_2	L_2_sd	tn0e0	t0en0	tn0e0_sd	t0en0_sd
FLASSO	0	0	0.118	0.042	0.309	0.125	0.162	0.054	0.00	2.24	0.000	1.450
FSCAD	0	0	0.097	0.046	0.206	0.130	0.122	0.060	0.00	0.78	0.000	1.133
FMCP	0	0	0.103	0.052	0.203	0.126	0.126	0.063	0.00	0.52	0.000	1.123
CLASSO	0	0	0.216	0.096	0.529	0.179	0.286	0.101	0.00	2.41	0.000	1.571
CSCAD	0	0	0.162	0.093	0.319	0.161	0.197	0.099	0.01	0.87	0.100	1.143
CMCP	0	0	0.163	0.091	0.325	0.179	0.200	0.102	0.01	0.70	0.100	1.185
PLASSO	0	0	0.385	0.204	0.933	0.394	0.502	0.242	0.00	3.45	0.000	1.149
PSCAD1	0	0	0.305	0.156	0.626	0.333	0.381	0.188	0.01	0.59	0.100	1.065
PSCAD2	0	0	0.314	0.170	0.642	0.358	0.392	0.204	0.02	0.54	0.141	0.958
PSCAD3	0	0	0.319	0.164	0.660	0.341	0.402	0.197	0.01	0.51	0.100	0.904
PMCP1	0	0	0.304	0.159	0.633	0.348	0.382	0.193	0.01	0.61	0.100	1.063
PMCP2	0	0	0.309	0.161	0.631	0.336	0.385	0.193	0.01	0.49	0.100	0.847
PMCP3	0	0	0.321	0.171	0.663	0.364	0.404	0.209	0.02	0.51	0.141	0.847

beta : 2 1.5 0.5 0 0 0 0 0

intercept : 0

sample size : 200

simulation time : 100

loss_rate: 0.625

error_independent: TRUE

missing_method: xy

missing_location: 3

lambda_location_for_cv(SCAD): 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30

lambda_location_for_cv(MCP): 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30

file_name: ./data/beta_2_1.5_n_200_lambda_location_l1_30_error_independent_TRUE_x_missing_location_3.Rdata

table_original

	rho	r_sd	L_inf	L_sd	L_1	L_1_sd	L_2	L_2_sd	tn0e0	t0en0	tn0e0_sd	t0en0_sd
FLASSO	0	0	0.131	0.042	0.354	0.123	0.181	0.051	0.00	2.56	0.000	1.520
FSCAD	0	0	0.104	0.046	0.210	0.104	0.128	0.054	0.00	0.78	0.000	1.079
FMCP	0	0	0.107	0.047	0.218	0.130	0.132	0.060	0.00	0.55	0.000	1.104
CLASSO	0	0	0.282	0.092	0.732	0.215	0.385	0.114	0.01	2.73	0.100	1.588
CSCAD	0	0	0.278	0.127	0.553	0.215	0.341	0.134	0.13	0.98	0.338	1.271
CMCP	0	0	0.269	0.127	0.533	0.212	0.331	0.135	0.16	0.66	0.368	1.139
PLASSO	0	0	0.420	0.197	1.109	0.384	0.577	0.240	0.03	3.63	0.171	1.125
PSCAD1	0	0	0.392	0.204	0.861	0.451	0.511	0.262	0.22	0.88	0.416	1.166
PSCAD2	0	0	0.397	0.208	0.854	0.456	0.512	0.265	0.18	0.69	0.386	1.116
PSCAD3	0	0	0.396	0.228	0.853	0.515	0.510	0.292	0.16	0.72	0.368	1.092
PMCP1	0	0	0.393	0.198	0.854	0.434	0.507	0.251	0.21	0.88	0.409	1.140
PMCP2	0	0	0.404	0.228	0.884	0.516	0.523	0.292	0.19	0.75	0.394	0.999
PMCP3	0	0	0.394	0.231	0.875	0.520	0.515	0.296	0.16	0.72	0.368	0.975

beta : 2 1.5 0.5 0 0 0 0 0

intercept : 0

sample size : 200

simulation time : 100

loss_rate: 0.625

error_independent: TRUE

missing_method: xy

missing_location: 8

lambda_location_for_cv(SCAD): 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30

lambda_location_for_cv(MCP): 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30

file_name: ./data/beta_2_1.5_n_200_lambda_location_l1_30_error_independent_TRUE_x_missing_location_8.Rdata

table_original

	rho	r_sd	L_inf	L_sd	L_1	L_1_sd	L_2	L_2_sd	tn0e0	t0en0	tn0e0_sd	t0en0_sd
FLASSO	0	0	0.132	0.044	0.359	0.140	0.181	0.056	0.00	2.52	0.000	1.586
FSCAD	0	0	0.109	0.046	0.245	0.145	0.141	0.061	0.00	1.02	0.000	1.497
FMCP	0	0	0.111	0.053	0.257	0.170	0.146	0.072	0.00	0.84	0.000	1.482
CLASSO	0	0	0.291	0.093	0.784	0.223	0.403	0.106	0.00	2.87	0.000	1.447
CSCAD	0	0	0.236	0.092	0.537	0.266	0.306	0.119	0.01	1.49	0.100	1.432
CMCP	0	0	0.233	0.087	0.515	0.250	0.303	0.112	0.02	0.91	0.141	1.326
PLASSO	0	0	0.476	0.211	1.207	0.418	0.634	0.255	0.00	3.71	0.000	1.183
PSCAD1	0	0	0.360	0.214	0.810	0.544	0.469	0.282	0.02	1.02	0.141	1.239
PSCAD2	0	0	0.376	0.216	0.847	0.547	0.491	0.286	0.02	0.87	0.141	1.152
PSCAD3	0	0	0.376	0.217	0.854	0.550	0.493	0.286	0.02	0.89	0.141	1.127
PMCP1	0	0	0.366	0.219	0.832	0.555	0.479	0.290	0.02	0.97	0.141	1.218
PMCP2	0	0	0.374	0.218	0.852	0.553	0.491	0.288	0.02	0.92	0.141	1.152
PMCP3	0	0	0.377	0.222	0.867	0.544	0.497	0.290	0.02	0.91	0.141	1.074

beta : 2 1.5 0.5 0 0 0 0 0

intercept : 0

sample size : 200

simulation time : 100

loss_rate: 0.625

error_independent: FALSE

missing_method: xy

missing_location: 1

lambda_location_for_cv(SCAD): 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60

lambda_location_for_cv(MCP): 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60

file_name: ./data/beta_2_1.5_n_200_lambda_location_l1_60_error_independent_FALSE_x_missing_location_1.Rdata

table_original

	rho	r_sd	L_inf	L_sd	L_1	L_1_sd	L_2	L_2_sd	tn0e0	t0en0	tn0e0_sd	t0en0_sd
FLASSO	0	0	0.133	0.043	0.333	0.152	0.178	0.059	0.00	1.86	0.000	1.484
FSCAD	0	0	0.122	0.061	0.260	0.155	0.156	0.080	0.01	0.76	0.100	1.224
FMCP	0	0	0.116	0.044	0.240	0.138	0.148	0.063	0.00	0.41	0.000	1.006
CLASSO	0	0	0.212	0.089	0.519	0.214	0.280	0.103	0.00	2.06	0.000	1.510
CSCAD	0	0	0.187	0.101	0.402	0.242	0.238	0.125	0.02	0.92	0.141	1.161
CMCP	0	0	0.188	0.108	0.388	0.241	0.236	0.129	0.05	0.51	0.219	0.904
PLASSO	0	0	0.434	0.216	1.051	0.354	0.561	0.236	0.00	3.42	0.000	1.281
PSCAD1	0	0	0.347	0.194	0.743	0.437	0.441	0.239	0.02	0.85	0.141	1.274
PSCAD2	0	0	0.350	0.199	0.764	0.476	0.450	0.256	0.01	0.81	0.100	1.134
PSCAD3	0	0	0.356	0.204	0.778	0.485	0.456	0.261	0.01	0.81	0.100	1.116
PMCP1	0	0	0.345	0.190	0.736	0.427	0.438	0.234	0.02	0.85	0.141	1.250
PMCP2	0	0	0.347	0.182	0.768	0.440	0.447	0.229	0.01	0.85	0.100	1.123
PMCP3	0	0	0.359	0.197	0.795	0.475	0.463	0.255	0.02	0.84	0.141	1.061

beta : 2 1.5 0.5 0 0 0 0 0

intercept : 0

sample size : 200

simulation time : 100

loss_rate: 0.625

error_independent: FALSE

missing_method: xy

missing_location: 3

lambda_location_for_cv(SCAD): 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60

lambda_location_for_cv(MCP): 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60

file_name: ./data/beta_2_1.5_n_200_lambda_location_ll_60_error_independent_FALSE_x_missing_location_3.Rdata

table_original

	rho	r_sd	L_inf	L_sd	L_1	L_1_sd	L_2	L_2_sd	tn0e0	t0en0	tn0e0_sd	t0en0_sd
FLASSO	0	0	0.136	0.059	0.321	0.152	0.178	0.075	0.00	1.68	0.000	1.222
FSCAD	0	0	0.127	0.065	0.265	0.166	0.160	0.086	0.00	0.71	0.000	1.085
FMCP	0	0	0.134	0.065	0.277	0.173	0.167	0.084	0.00	0.61	0.000	1.154
CLASSO	0	0	0.237	0.082	0.592	0.238	0.317	0.103	0.00	2.03	0.000	1.494
CSCAD	0	0	0.247	0.125	0.531	0.284	0.310	0.148	0.10	1.35	0.302	1.351
CMCP	0	0	0.255	0.131	0.557	0.308	0.323	0.151	0.12	1.13	0.327	1.574
PLASSO	0	0	0.415	0.177	1.110	0.394	0.567	0.221	0.01	3.55	0.100	1.192
PSCAD1	0	0	0.405	0.197	0.950	0.582	0.534	0.271	0.16	1.06	0.368	1.324
PSCAD2	0	0	0.415	0.202	0.989	0.587	0.553	0.277	0.20	1.02	0.402	1.247
PSCAD3	0	0	0.421	0.206	1.004	0.597	0.562	0.281	0.21	0.98	0.409	1.189
PMCP1	0	0	0.407	0.196	0.959	0.572	0.539	0.268	0.16	1.03	0.368	1.314
PMCP2	0	0	0.415	0.203	0.991	0.587	0.553	0.277	0.19	0.98	0.394	1.197
PMCP3	0	0	0.421	0.213	1.002	0.608	0.562	0.290	0.19	0.98	0.394	1.180

beta : 2 1.5 0.5 0 0 0 0 0

intercept : 0

sample size : 200

simulation time : 100

loss_rate: 0.625

error_independent: FALSE

missing_method: xy

missing_location: 8

lambda_location_for_cv(SCAD): 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60

lambda_location_for_cv(MCP): 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60

file_name: ./data/beta_2_1.5_n_200_lambda_location_l1_60_error_independent_FALSE_x_missing_location_8.Rdata

table_original

	rho	r_sd	L_inf	L_sd	L_1	L_1_sd	L_2	L_2_sd	tn0e0	t0en0	tn0e0_sd	t0en0_sd
FLASSO	0	0	0.131	0.051	0.331	0.167	0.176	0.068	0.00	1.71	0.000	1.493
FSCAD	0	0	0.116	0.055	0.240	0.160	0.145	0.074	0.00	0.66	0.000	1.103
FMCP	0	0	0.119	0.054	0.262	0.189	0.154	0.080	0.00	0.60	0.000	1.279
CLASSO	0	0	0.262	0.086	0.622	0.215	0.340	0.102	0.00	2.08	0.000	1.361
CSCAD	0	0	0.221	0.110	0.447	0.223	0.273	0.131	0.03	1.00	0.171	0.943
CMCP	0	0	0.228	0.110	0.481	0.281	0.286	0.135	0.05	0.82	0.219	1.149
PLASSO	0	0	0.472	0.200	1.170	0.364	0.624	0.235	0.00	3.26	0.000	1.300
PSCAD1	0	0	0.422	0.239	0.931	0.549	0.552	0.315	0.06	0.86	0.239	1.247
PSCAD2	0	0	0.410	0.233	0.905	0.523	0.536	0.300	0.04	0.84	0.197	1.108
PSCAD3	0	0	0.414	0.242	0.923	0.528	0.544	0.305	0.04	0.84	0.197	1.042
PMCP1	0	0	0.410	0.234	0.908	0.526	0.539	0.305	0.06	0.85	0.239	1.218
PMCP2	0	0	0.408	0.232	0.901	0.520	0.532	0.298	0.04	0.80	0.197	1.064
PMCP3	0	0	0.424	0.240	0.963	0.534	0.563	0.310	0.05	0.84	0.219	1.080

beta : 2 1.5 0.5 0 0 0 0 0

intercept : 0

sample size : 200

simulation time : 100

loss_rate: 0.625

error_independent: TRUE

missing_method: xy

missing_location: 1

lambda_location_for_cv(SCAD): 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60

lambda_location_for_cv(MCP): 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60

file_name: ./data/beta_2_1.5_n_200_lambda_location_11_60_error_independent_TRUE_x_missing_location_1.Rdata

table_original

	rho	r_sd	L_inf	L_sd	L_1	L_1_sd	L_2	L_2_sd	tn0e0	t0en0	tn0e0_sd	t0en0_sd
FLASSO	0	0	0.118	0.042	0.309	0.125	0.162	0.054	0.00	2.24	0.000	1.450
FSCAD	0	0	0.097	0.046	0.206	0.130	0.122	0.060	0.00	0.78	0.000	1.133
FMCP	0	0	0.103	0.052	0.203	0.126	0.126	0.063	0.00	0.52	0.000	1.123
CLASSO	0	0	0.216	0.096	0.529	0.179	0.286	0.101	0.00	2.41	0.000	1.571
CSCAD	0	0	0.162	0.093	0.319	0.161	0.197	0.099	0.01	0.87	0.100	1.143
CMCP	0	0	0.163	0.091	0.325	0.179	0.200	0.102	0.01	0.70	0.100	1.185
PLASSO	0	0	0.385	0.204	0.933	0.394	0.502	0.242	0.00	3.45	0.000	1.149
PSCAD1	0	0	0.305	0.156	0.626	0.333	0.381	0.188	0.01	0.59	0.100	1.065
PSCAD2	0	0	0.314	0.170	0.642	0.358	0.392	0.204	0.02	0.54	0.141	0.958
PSCAD3	0	0	0.319	0.164	0.660	0.341	0.402	0.197	0.01	0.51	0.100	0.904
PMCP1	0	0	0.304	0.159	0.633	0.348	0.382	0.193	0.01	0.61	0.100	1.063
PMCP2	0	0	0.309	0.161	0.631	0.336	0.385	0.193	0.01	0.49	0.100	0.847
PMCP3	0	0	0.321	0.171	0.663	0.364	0.404	0.209	0.02	0.51	0.141	0.847

beta : 2 1.5 0.5 0 0 0 0 0

intercept : 0

sample size : 200

simulation time : 100

loss_rate: 0.625

error_independent: TRUE

missing_method: xy

missing_location: 3

lambda_location_for_cv(SCAD): 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60

lambda_location_for_cv(MCP): 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60

file_name: ./data/beta_2_1.5_n_200_lambda_location_l1_60_error_independent_TRUE_x_missing_location_11_60_error_independent_TRUE_x_missing_location_3.Rdata

table_original

	rho	r_sd	L_inf	L_sd	L_1	L_1_sd	L_2	L_2_sd	tn0e0	t0en0	tn0e0_sd	t0en0_sd
FLASSO	0	0	0.131	0.042	0.354	0.123	0.181	0.051	0.00	2.56	0.000	1.520
FSCAD	0	0	0.104	0.046	0.210	0.104	0.128	0.054	0.00	0.78	0.000	1.079
FMCP	0	0	0.107	0.047	0.218	0.130	0.132	0.060	0.00	0.55	0.000	1.104
CLASSO	0	0	0.282	0.092	0.732	0.215	0.385	0.114	0.01	2.73	0.100	1.588
CSCAD	0	0	0.278	0.127	0.553	0.215	0.341	0.134	0.13	0.98	0.338	1.271
CMCP	0	0	0.269	0.127	0.533	0.212	0.331	0.135	0.16	0.66	0.368	1.139
PLASSO	0	0	0.420	0.197	1.109	0.384	0.577	0.240	0.03	3.63	0.171	1.125
PSCAD1	0	0	0.392	0.204	0.861	0.451	0.511	0.262	0.22	0.88	0.416	1.166
PSCAD2	0	0	0.397	0.208	0.854	0.456	0.512	0.265	0.18	0.69	0.386	1.116
PSCAD3	0	0	0.396	0.228	0.853	0.515	0.510	0.292	0.16	0.72	0.368	1.092
PMCP1	0	0	0.393	0.198	0.854	0.434	0.507	0.251	0.21	0.88	0.409	1.140
PMCP2	0	0	0.404	0.228	0.884	0.516	0.523	0.292	0.19	0.75	0.394	0.999
PMCP3	0	0	0.394	0.231	0.875	0.520	0.515	0.296	0.16	0.72	0.368	0.975

beta : 2 1.5 0.5 0 0 0 0 0

intercept : 0

sample size : 200

simulation time : 100

loss_rate: 0.625

error_independent: TRUE

missing_method: xy

missing_location: 8

lambda_location_for_cv(SCAD): 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60

lambda_location_for_cv(MCP): 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60

file_name: ./data/beta_2_1.5_n_200_lambda_location_l1_60_error_independent_TRUE_x_missing_location_8.Rdata

table_original

	rho	r_sd	L_inf	L_sd	L_1	L_1_sd	L_2	L_2_sd	tn0e0	t0en0	tn0e0_sd	t0en0_sd
FLASSO	0	0	0.132	0.044	0.359	0.140	0.181	0.056	0.00	2.52	0.000	1.586
FSCAD	0	0	0.109	0.046	0.245	0.145	0.141	0.061	0.00	1.02	0.000	1.497
FMCP	0	0	0.111	0.053	0.257	0.170	0.146	0.072	0.00	0.84	0.000	1.482
CLASSO	0	0	0.291	0.093	0.784	0.223	0.403	0.106	0.00	2.87	0.000	1.447
CSCAD	0	0	0.236	0.092	0.537	0.266	0.306	0.119	0.01	1.49	0.100	1.432
CMCP	0	0	0.233	0.087	0.515	0.250	0.303	0.112	0.02	0.91	0.141	1.326
PLASSO	0	0	0.476	0.211	1.207	0.418	0.634	0.255	0.00	3.71	0.000	1.183
PSCAD1	0	0	0.360	0.214	0.810	0.544	0.469	0.282	0.02	1.02	0.141	1.239
PSCAD2	0	0	0.376	0.216	0.847	0.547	0.491	0.286	0.02	0.87	0.141	1.152
PSCAD3	0	0	0.376	0.217	0.854	0.550	0.493	0.286	0.02	0.89	0.141	1.127
PMCP1	0	0	0.366	0.219	0.832	0.555	0.479	0.290	0.02	0.97	0.141	1.218
PMCP2	0	0	0.374	0.218	0.852	0.553	0.491	0.288	0.02	0.92	0.141	1.152
PMCP3	0	0	0.377	0.222	0.867	0.544	0.497	0.290	0.02	0.91	0.141	1.074

beta : 2 1.5 0.5 0 0 0 0 0

intercept : 0

sample size : 200

simulation time : 100

loss_rate: 0.625

error_independent: FALSE

missing_method: xy

missing_location: 1

lambda_location_for_cv(SCAD): 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50

lambda_location_for_cv(MCP): 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50

file_name: ./data/beta_2_1.5_n_200_lambda_location_l20_50_error_independent_FALSE_x_missing_location_1.Rdata

table_original

	rho	r_sd	L_inf	L_sd	L_1	L_1_sd	L_2	L_2_sd	tn0e0	t0en0	tn0e0_sd	t0en0_sd
FLASSO	0	0	0.133	0.043	0.333	0.152	0.178	0.059	0.00	1.86	0.000	1.484
FSCAD	0	0	0.122	0.061	0.260	0.155	0.156	0.080	0.01	0.76	0.100	1.224
FMCP	0	0	0.116	0.044	0.240	0.138	0.148	0.063	0.00	0.41	0.000	1.006
CLASSO	0	0	0.212	0.089	0.519	0.214	0.280	0.103	0.00	2.06	0.000	1.510
CSCAD	0	0	0.187	0.101	0.402	0.242	0.238	0.125	0.02	0.92	0.141	1.161
CMCP	0	0	0.188	0.108	0.388	0.241	0.236	0.129	0.05	0.51	0.219	0.904
PLASSO	0	0	0.434	0.216	1.051	0.354	0.561	0.236	0.00	3.42	0.000	1.281
PSCAD1	0	0	0.347	0.194	0.743	0.437	0.441	0.239	0.02	0.85	0.141	1.274
PSCAD2	0	0	0.350	0.199	0.764	0.476	0.450	0.256	0.01	0.81	0.100	1.134
PSCAD3	0	0	0.356	0.204	0.778	0.485	0.456	0.261	0.01	0.81	0.100	1.116
PMCP1	0	0	0.345	0.190	0.736	0.427	0.438	0.234	0.02	0.85	0.141	1.250
PMCP2	0	0	0.347	0.182	0.768	0.440	0.447	0.229	0.01	0.85	0.100	1.123
PMCP3	0	0	0.359	0.197	0.795	0.475	0.463	0.255	0.02	0.84	0.141	1.061

beta : 2 1.5 0.5 0 0 0 0 0

intercept : 0

sample size : 200

simulation time : 100

loss_rate: 0.625

error_independent: FALSE

missing_method: xy

missing_location: 3

lambda_location_for_cv(SCAD): 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50

lambda_location_for_cv(MCP): 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50

file_name: ./data/beta_2_1.5_n_200_lambda_location_l20_50_error_independent_FALSE_x_missing_location_3.Rdata

table_original

	rho	r_sd	L_inf	L_sd	L_1	L_1_sd	L_2	L_2_sd	tn0e0	t0en0	tn0e0_sd	t0en0_sd
FLASSO	0	0	0.136	0.059	0.321	0.152	0.178	0.075	0.00	1.68	0.000	1.222
FSCAD	0	0	0.127	0.065	0.265	0.166	0.160	0.086	0.00	0.71	0.000	1.085
FMCP	0	0	0.134	0.065	0.277	0.173	0.167	0.084	0.00	0.61	0.000	1.154
CLASSO	0	0	0.237	0.082	0.592	0.238	0.317	0.103	0.00	2.03	0.000	1.494
CSCAD	0	0	0.247	0.125	0.531	0.284	0.310	0.148	0.10	1.35	0.302	1.351
CMCP	0	0	0.255	0.131	0.557	0.308	0.323	0.151	0.12	1.13	0.327	1.574
PLASSO	0	0	0.415	0.177	1.110	0.394	0.567	0.221	0.01	3.55	0.100	1.192
PSCAD1	0	0	0.405	0.197	0.950	0.582	0.534	0.271	0.16	1.06	0.368	1.324
PSCAD2	0	0	0.415	0.202	0.989	0.587	0.553	0.277	0.20	1.02	0.402	1.247
PSCAD3	0	0	0.421	0.206	1.004	0.597	0.562	0.281	0.21	0.98	0.409	1.189
PMCP1	0	0	0.407	0.196	0.959	0.572	0.539	0.268	0.16	1.03	0.368	1.314
PMCP2	0	0	0.415	0.203	0.991	0.587	0.553	0.277	0.19	0.98	0.394	1.197
PMCP3	0	0	0.421	0.213	1.002	0.608	0.562	0.290	0.19	0.98	0.394	1.180

beta : 2 1.5 0.5 0 0 0 0 0

intercept : 0

sample size : 200

simulation time : 100

loss_rate: 0.625

error_independent: FALSE

missing_method: xy

missing_location: 8

lambda_location_for_cv(SCAD): 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50

lambda_location_for_cv(MCP): 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50

file_name: ./data/beta_2_1.5_n_200_lambda_location_120_50_error_independent_FALSE_x_missing_location_8.Rdata

table_original

	rho	r_sd	L_inf	L_sd	L_1	L_1_sd	L_2	L_2_sd	tn0e0	t0en0	tn0e0_sd	t0en0_sd
FLASSO	0	0	0.131	0.051	0.331	0.167	0.176	0.068	0.00	1.71	0.000	1.493
FSCAD	0	0	0.116	0.055	0.240	0.160	0.145	0.074	0.00	0.66	0.000	1.103
FMCP	0	0	0.119	0.054	0.262	0.189	0.154	0.080	0.00	0.60	0.000	1.279
CLASSO	0	0	0.262	0.086	0.622	0.215	0.340	0.102	0.00	2.08	0.000	1.361
CSCAD	0	0	0.221	0.110	0.447	0.223	0.273	0.131	0.03	1.00	0.171	0.943
CMCP	0	0	0.228	0.110	0.481	0.281	0.286	0.135	0.05	0.82	0.219	1.149
PLASSO	0	0	0.472	0.200	1.170	0.364	0.624	0.235	0.00	3.26	0.000	1.300
PSCAD1	0	0	0.422	0.239	0.931	0.549	0.552	0.315	0.06	0.86	0.239	1.247
PSCAD2	0	0	0.410	0.233	0.905	0.523	0.536	0.300	0.04	0.84	0.197	1.108
PSCAD3	0	0	0.414	0.242	0.923	0.528	0.544	0.305	0.04	0.84	0.197	1.042
PMCP1	0	0	0.410	0.234	0.908	0.526	0.539	0.305	0.06	0.85	0.239	1.218
PMCP2	0	0	0.408	0.232	0.901	0.520	0.532	0.298	0.04	0.80	0.197	1.064
PMCP3	0	0	0.424	0.240	0.963	0.534	0.563	0.310	0.05	0.84	0.219	1.080

beta : 2 1.5 0.5 0 0 0 0 0

intercept : 0

sample size : 200

simulation time : 100

loss_rate: 0.625

error_independent: TRUE

missing_method: xy

missing_location: 1

lambda_location_for_cv(SCAD): 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50

lambda_location_for_cv(MCP): 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50

file_name: ./data/beta_2_1.5_n_200_lambda_location_l20_50_error_independent_TRUE_x_missing_location_1.Rdata

table_original

	rho	r_sd	L_inf	L_sd	L_1	L_1_sd	L_2	L_2_sd	tn0e0	t0en0	tn0e0_sd	t0en0_sd
FLASSO	0	0	0.118	0.042	0.309	0.125	0.162	0.054	0.00	2.24	0.000	1.450
FSCAD	0	0	0.097	0.046	0.206	0.130	0.122	0.060	0.00	0.78	0.000	1.133
FMCP	0	0	0.103	0.052	0.203	0.126	0.126	0.063	0.00	0.52	0.000	1.123
CLASSO	0	0	0.216	0.096	0.529	0.179	0.286	0.101	0.00	2.41	0.000	1.571
CSCAD	0	0	0.162	0.093	0.319	0.161	0.197	0.099	0.01	0.87	0.100	1.143
CMCP	0	0	0.163	0.091	0.325	0.179	0.200	0.102	0.01	0.70	0.100	1.185
PLASSO	0	0	0.385	0.204	0.933	0.394	0.502	0.242	0.00	3.45	0.000	1.149
PSCAD1	0	0	0.305	0.156	0.626	0.333	0.381	0.188	0.01	0.59	0.100	1.065
PSCAD2	0	0	0.314	0.170	0.642	0.358	0.392	0.204	0.02	0.54	0.141	0.958
PSCAD3	0	0	0.319	0.164	0.660	0.341	0.402	0.197	0.01	0.51	0.100	0.904
PMCP1	0	0	0.304	0.159	0.633	0.348	0.382	0.193	0.01	0.61	0.100	1.063
PMCP2	0	0	0.309	0.161	0.631	0.336	0.385	0.193	0.01	0.49	0.100	0.847
PMCP3	0	0	0.321	0.171	0.663	0.364	0.404	0.209	0.02	0.51	0.141	0.847

beta : 2 1.5 0.5 0 0 0 0 0

intercept : 0

sample size : 200

simulation time : 100

loss_rate: 0.625

error_independent: TRUE

missing_method: xy

missing_location: 3

lambda_location_for_cv(SCAD): 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50

lambda_location_for_cv(MCP): 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50

file_name: ./data/beta_2_1.5_n_200_lambda_location_l20_50_error_independent_TRUE_x_missing_location_3.Rdata

table_original

	rho	r_sd	L_inf	L_sd	L_1	L_1_sd	L_2	L_2_sd	tn0e0	t0en0	tn0e0_sd	t0en0_sd
FLASSO	0	0	0.131	0.042	0.354	0.123	0.181	0.051	0.00	2.56	0.000	1.520
FSCAD	0	0	0.104	0.046	0.210	0.104	0.128	0.054	0.00	0.78	0.000	1.079
FMCP	0	0	0.107	0.047	0.218	0.130	0.132	0.060	0.00	0.55	0.000	1.104
CLASSO	0	0	0.282	0.092	0.732	0.215	0.385	0.114	0.01	2.73	0.100	1.588
CSCAD	0	0	0.278	0.127	0.553	0.215	0.341	0.134	0.13	0.98	0.338	1.271
CMCP	0	0	0.269	0.127	0.533	0.212	0.331	0.135	0.16	0.66	0.368	1.139
PLASSO	0	0	0.420	0.197	1.109	0.384	0.577	0.240	0.03	3.63	0.171	1.125
PSCAD1	0	0	0.392	0.204	0.861	0.451	0.511	0.262	0.22	0.88	0.416	1.166
PSCAD2	0	0	0.397	0.208	0.854	0.456	0.512	0.265	0.18	0.69	0.386	1.116
PSCAD3	0	0	0.396	0.228	0.853	0.515	0.510	0.292	0.16	0.72	0.368	1.092
PMCP1	0	0	0.393	0.198	0.854	0.434	0.507	0.251	0.21	0.88	0.409	1.140
PMCP2	0	0	0.404	0.228	0.884	0.516	0.523	0.292	0.19	0.75	0.394	0.999
PMCP3	0	0	0.394	0.231	0.875	0.520	0.515	0.296	0.16	0.72	0.368	0.975

beta : 2 1.5 0.5 0 0 0 0 0

intercept : 0

sample size : 200

simulation time : 100

loss_rate: 0.625

error_independent: TRUE

missing_method: xy

missing_location: 8

lambda_location_for_cv(SCAD): 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50

lambda_location_for_cv(MCP): 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50

file_name: ./data/beta_2_1.5_n_200_lambda_location_l20_50_error_independent_TRUE_x_missing_location_8.Rdata

table_original

	rho	r_sd	L_inf	L_sd	L_1	L_1_sd	L_2	L_2_sd	tn0e0	t0en0	tn0e0_sd	t0en0_sd
FLASSO	0	0	0.132	0.044	0.359	0.140	0.181	0.056	0.00	2.52	0.000	1.586
FSCAD	0	0	0.109	0.046	0.245	0.145	0.141	0.061	0.00	1.02	0.000	1.497
FMCP	0	0	0.111	0.053	0.257	0.170	0.146	0.072	0.00	0.84	0.000	1.482
CLASSO	0	0	0.291	0.093	0.784	0.223	0.403	0.106	0.00	2.87	0.000	1.447
CSCAD	0	0	0.236	0.092	0.537	0.266	0.306	0.119	0.01	1.49	0.100	1.432
CMCP	0	0	0.233	0.087	0.515	0.250	0.303	0.112	0.02	0.91	0.141	1.326
PLASSO	0	0	0.476	0.211	1.207	0.418	0.634	0.255	0.00	3.71	0.000	1.183
PSCAD1	0	0	0.360	0.214	0.810	0.544	0.469	0.282	0.02	1.02	0.141	1.239
PSCAD2	0	0	0.376	0.216	0.847	0.547	0.491	0.286	0.02	0.87	0.141	1.152
PSCAD3	0	0	0.376	0.217	0.854	0.550	0.493	0.286	0.02	0.89	0.141	1.127
PMCP1	0	0	0.366	0.219	0.832	0.555	0.479	0.290	0.02	0.97	0.141	1.218
PMCP2	0	0	0.374	0.218	0.852	0.553	0.491	0.288	0.02	0.92	0.141	1.152
PMCP3	0	0	0.377	0.222	0.867	0.544	0.497	0.290	0.02	0.91	0.141	1.074

beta : 2 1.5 0.5 0 0 0 0 0

intercept : 0

sample size : 500

simulation time : 100

loss_rate: 0.625

error_independent: FALSE

missing_method: xy

missing_location: 1

lambda_location_for_cv(SCAD): 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30

lambda_location_for_cv(MCP): 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30

file_name: ./data/beta_2_1.5_n_500_lambda_location_l1_30_error_independent_FALSE_x_missing_location_1.Rdata

table_original

	rho	r_sd	L_inf	L_sd	L_1	L_1_sd	L_2	L_2_sd	tn0e0	t0en0	tn0e0_sd	t0en0_sd
FLASSO	0	0	0.084	0.034	0.220	0.116	0.115	0.048	0	1.82	0	1.500
FSCAD	0	0	0.075	0.038	0.167	0.122	0.097	0.053	0	0.60	0	1.271
FMCP	0	0	0.075	0.040	0.170	0.130	0.098	0.056	0	0.51	0	1.115
CLASSO	0	0	0.136	0.047	0.332	0.142	0.179	0.062	0	2.01	0	1.474
CSCAD	0	0	0.112	0.045	0.250	0.156	0.145	0.066	0	0.79	0	1.431
CMCP	0	0	0.111	0.045	0.242	0.149	0.144	0.065	0	0.54	0	1.123
PLASSO	0	0	0.265	0.128	0.687	0.285	0.354	0.157	0	3.76	0	0.986
PSCAD1	0	0	0.205	0.123	0.425	0.282	0.260	0.153	0	0.48	0	0.979
PSCAD2	0	0	0.209	0.121	0.432	0.275	0.265	0.150	0	0.48	0	0.870
PSCAD3	0	0	0.211	0.121	0.440	0.277	0.269	0.151	0	0.51	0	0.870
PMCP1	0	0	0.204	0.122	0.426	0.283	0.259	0.154	0	0.49	0	0.980
PMCP2	0	0	0.211	0.121	0.441	0.279	0.269	0.151	0	0.52	0	0.882
PMCP3	0	0	0.212	0.120	0.444	0.277	0.270	0.150	0	0.55	0	0.880

beta : 2 1.5 0.5 0 0 0 0 0

intercept : 0

sample size : 500

simulation time : 100

loss_rate: 0.625

error_independent: FALSE

missing_method: xy

missing_location: 3

lambda_location_for_cv(SCAD): 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30

lambda_location_for_cv(MCP): 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30

file_name: ./data/beta_2_1.5_n_500_lambda_location_l1_30_error_independent_FALSE_x_missing_location_3.Rdata

table_original

	rho	r_sd	L_inf	L_sd	L_1	L_1_sd	L_2	L_2_sd	tn0e0	t0en0	tn0e0_sd	t0en0_sd
FLASSO	0	0	0.084	0.038	0.214	0.112	0.113	0.050	0.00	2.08	0.0	1.489
FSCAD	0	0	0.078	0.043	0.175	0.124	0.101	0.059	0.00	0.71	0.0	1.336
FMCP	0	0	0.076	0.039	0.169	0.109	0.100	0.054	0.00	0.53	0.0	1.058
CLASSO	0	0	0.164	0.054	0.395	0.149	0.215	0.064	0.00	2.05	0.0	1.459
CSCAD	0	0	0.143	0.058	0.316	0.183	0.183	0.080	0.00	1.11	0.0	1.399
CMCP	0	0	0.147	0.054	0.328	0.186	0.189	0.077	0.00	0.98	0.0	1.477
PLASSO	0	0	0.263	0.121	0.701	0.249	0.357	0.145	0.00	3.73	0.0	1.221
PSCAD1	0	0	0.238	0.126	0.541	0.325	0.311	0.168	0.00	0.83	0.0	1.264
PSCAD2	0	0	0.239	0.130	0.551	0.339	0.317	0.176	0.00	0.83	0.0	1.138
PSCAD3	0	0	0.242	0.130	0.557	0.342	0.320	0.177	0.00	0.82	0.0	1.104
PMCP1	0	0	0.238	0.129	0.548	0.335	0.314	0.174	0.01	0.84	0.1	1.220
PMCP2	0	0	0.241	0.130	0.559	0.338	0.319	0.176	0.00	0.84	0.0	1.135
PMCP3	0	0	0.242	0.129	0.564	0.340	0.322	0.175	0.00	0.86	0.0	1.128

beta : 2 1.5 0.5 0 0 0 0 0

intercept : 0

sample size : 500

simulation time : 100

loss_rate: 0.625

error_independent: FALSE

missing_method: xy

missing_location: 8

lambda_location_for_cv(SCAD): 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30

lambda_location_for_cv(MCP): 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30

file_name: ./data/beta_2_1.5_n_500_lambda_location_l1_30_error_independent_FALSE_x_missing_location_8.Rdata

table_original

	rho	r_sd	L_inf	L_sd	L_1	L_1_sd	L_2	L_2_sd	tn0e0	t0en0	tn0e0_sd	t0en0_sd
FLASSO	0	0	0.089	0.032	0.222	0.100	0.120	0.043	0	1.82	0	1.513
FSCAD	0	0	0.082	0.038	0.180	0.105	0.108	0.053	0	0.50	0	0.990
FMCP	0	0	0.081	0.038	0.174	0.106	0.105	0.053	0	0.36	0	0.927
CLASSO	0	0	0.188	0.053	0.467	0.149	0.251	0.060	0	2.22	0	1.488
CSCAD	0	0	0.161	0.055	0.359	0.191	0.207	0.074	0	1.00	0	1.435
CMCP	0	0	0.158	0.056	0.342	0.188	0.202	0.077	0	0.67	0	1.272
PLASSO	0	0	0.303	0.132	0.799	0.259	0.411	0.156	0	3.75	0	1.104
PSCAD1	0	0	0.229	0.135	0.532	0.331	0.305	0.169	0	0.92	0	1.212
PSCAD2	0	0	0.225	0.139	0.533	0.343	0.302	0.175	0	0.88	0	1.094
PSCAD3	0	0	0.231	0.136	0.539	0.340	0.308	0.172	0	0.86	0	1.035
PMCP1	0	0	0.229	0.134	0.532	0.328	0.305	0.167	0	0.90	0	1.202
PMCP2	0	0	0.226	0.138	0.538	0.342	0.304	0.174	0	0.91	0	1.093
PMCP3	0	0	0.231	0.136	0.557	0.338	0.313	0.171	0	0.94	0	1.043

beta : 2 1.5 0.5 0 0 0 0 0

intercept : 0

sample size : 500

simulation time : 100

loss_rate: 0.625

error_independent: TRUE

missing_method: xy

missing_location: 1

lambda_location_for_cv(SCAD): 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30

lambda_location_for_cv(MCP): 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30

file_name: ./data/beta_2_1.5_n_500_lambda_location_l1_30_error_independent_TRUE_x_missing_location_1.Rdata

table_original

	rho	r_sd	L_inf	L_sd	L_1	L_1_sd	L_2	L_2_sd	tn0e0	t0en0	tn0e0_sd	t0en0_sd
FLASSO	0	0	0.077	0.029	0.211	0.089	0.108	0.037	0	2.49	0	1.527
FSCAD	0	0	0.066	0.031	0.138	0.082	0.083	0.039	0	0.65	0	1.274
FMCP	0	0	0.065	0.031	0.138	0.085	0.083	0.040	0	0.59	0	1.138
CLASSO	0	0	0.170	0.059	0.443	0.135	0.231	0.068	0	2.68	0	1.230
CSCAD	0	0	0.128	0.049	0.267	0.108	0.163	0.059	0	0.68	0	1.053
CMCP	0	0	0.131	0.049	0.285	0.118	0.170	0.059	0	0.62	0	1.237
PLASSO	0	0	0.295	0.145	0.748	0.281	0.392	0.172	0	3.82	0	1.123
PSCAD1	0	0	0.200	0.115	0.445	0.258	0.263	0.142	0	0.59	0	1.102
PSCAD2	0	0	0.201	0.107	0.446	0.244	0.263	0.132	0	0.62	0	0.993
PSCAD3	0	0	0.199	0.112	0.445	0.253	0.262	0.139	0	0.59	0	0.965
PMCP1	0	0	0.196	0.111	0.440	0.249	0.258	0.138	0	0.62	0	1.023
PMCP2	0	0	0.198	0.110	0.441	0.249	0.260	0.136	0	0.61	0	0.942
PMCP3	0	0	0.199	0.107	0.449	0.242	0.263	0.131	0	0.67	0	0.900

beta : 2 1.5 0.5 0 0 0 0 0

intercept : 0

sample size : 500

simulation time : 100

loss_rate: 0.625

error_independent: TRUE

missing_method: xy

missing_location: 3

lambda_location_for_cv(SCAD): 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30

lambda_location_for_cv(MCP): 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30

file_name: ./data/beta_2_1.5_n_500_lambda_location_l1_30_error_independent_TRUE_x_missing_location_3.Rdata

table_original

	rho	r_sd	L_inf	L_sd	L_1	L_1_sd	L_2	L_2_sd	tn0e0	t0en0	tn0e0_sd	t0en0_sd
FLASSO	0	0	0.074	0.028	0.192	0.078	0.100	0.034	0	2.36	0	1.425
FSCAD	0	0	0.058	0.026	0.117	0.071	0.072	0.034	0	0.45	0	1.038
FMCP	0	0	0.058	0.026	0.111	0.065	0.070	0.033	0	0.30	0	0.893
CLASSO	0	0	0.219	0.050	0.560	0.133	0.296	0.061	0	2.72	0	1.551
CSCAD	0	0	0.176	0.045	0.382	0.145	0.226	0.062	0	1.12	0	1.380
CMCP	0	0	0.181	0.052	0.375	0.139	0.231	0.066	0	0.51	0	1.068
PLASSO	0	0	0.260	0.131	0.695	0.275	0.353	0.159	0	3.93	0	1.057
PSCAD1	0	0	0.196	0.098	0.433	0.226	0.256	0.126	0	0.68	0	1.062
PSCAD2	0	0	0.199	0.100	0.445	0.242	0.262	0.131	0	0.66	0	1.085
PSCAD3	0	0	0.199	0.102	0.450	0.242	0.264	0.132	0	0.65	0	0.999
PMCP1	0	0	0.196	0.099	0.434	0.228	0.256	0.127	0	0.66	0	1.017
PMCP2	0	0	0.198	0.101	0.446	0.240	0.262	0.131	0	0.64	0	0.980
PMCP3	0	0	0.198	0.101	0.457	0.242	0.265	0.131	0	0.73	0	1.053

beta : 2 1.5 0.5 0 0 0 0 0

intercept : 0

sample size : 500

simulation time : 100

loss_rate: 0.625

error_independent: TRUE

missing_method: xy

missing_location: 8

lambda_location_for_cv(SCAD): 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30

lambda_location_for_cv(MCP): 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30

file_name: ./data/beta_2_1.5_n_500_lambda_location_l1_30_error_independent_TRUE_x_missing_location_8.Rdata

table_original

	rho	r_sd	L_inf	L_sd	L_1	L_1_sd	L_2	L_2_sd	tn0e0	t0en0	tn0e0_sd	t0en0_sd
FLASSO	0	0	0.082	0.027	0.213	0.084	0.111	0.035	0	2.37	0	1.397
FSCAD	0	0	0.067	0.029	0.143	0.086	0.085	0.039	0	0.62	0	1.332
FMCP	0	0	0.067	0.029	0.140	0.085	0.085	0.039	0	0.49	0	1.141
CLASSO	0	0	0.236	0.065	0.611	0.145	0.322	0.076	0	2.91	0	1.512
CSCAD	0	0	0.193	0.057	0.411	0.143	0.248	0.072	0	0.75	0	1.258
CMCP	0	0	0.192	0.059	0.399	0.147	0.245	0.076	0	0.44	0	1.038
PLASSO	0	0	0.259	0.136	0.698	0.301	0.353	0.173	0	3.94	0	1.033
PSCAD1	0	0	0.209	0.134	0.471	0.351	0.275	0.181	0	0.69	0	1.220
PSCAD2	0	0	0.216	0.137	0.490	0.361	0.286	0.185	0	0.69	0	1.134
PSCAD3	0	0	0.216	0.137	0.489	0.363	0.285	0.186	0	0.68	0	1.091
PMCP1	0	0	0.213	0.136	0.476	0.351	0.279	0.183	0	0.70	0	1.202
PMCP2	0	0	0.216	0.137	0.492	0.356	0.286	0.185	0	0.65	0	1.038
PMCP3	0	0	0.215	0.140	0.493	0.365	0.286	0.189	0	0.69	0	1.042

beta : 2 1.5 0.5 0 0 0 0 0

intercept : 0

sample size : 500

simulation time : 100

loss_rate: 0.625

error_independent: FALSE

missing_method: xy

missing_location: 1

lambda_location_for_cv(SCAD): 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60

lambda_location_for_cv(MCP): 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60

file_name: ./data/beta_2_1.5_n_500_lambda_location_l1_60_error_independent_FALSE_x_missing_location_1.Rdata

table_original

	rho	r_sd	L_inf	L_sd	L_1	L_1_sd	L_2	L_2_sd	tn0e0	t0en0	tn0e0_sd	t0en0_sd
FLASSO	0	0	0.084	0.034	0.220	0.116	0.115	0.048	0	1.82	0	1.500
FSCAD	0	0	0.075	0.038	0.167	0.122	0.097	0.053	0	0.60	0	1.271
FMCP	0	0	0.075	0.040	0.170	0.130	0.098	0.056	0	0.51	0	1.115
CLASSO	0	0	0.136	0.047	0.332	0.142	0.179	0.062	0	2.01	0	1.474
CSCAD	0	0	0.112	0.045	0.250	0.156	0.145	0.066	0	0.79	0	1.431
CMCP	0	0	0.111	0.045	0.242	0.149	0.144	0.065	0	0.54	0	1.123
PLASSO	0	0	0.265	0.128	0.687	0.285	0.354	0.157	0	3.76	0	0.986
PSCAD1	0	0	0.205	0.123	0.425	0.282	0.260	0.153	0	0.48	0	0.979
PSCAD2	0	0	0.209	0.121	0.432	0.275	0.265	0.150	0	0.48	0	0.870
PSCAD3	0	0	0.211	0.121	0.440	0.277	0.269	0.151	0	0.51	0	0.870
PMCP1	0	0	0.204	0.122	0.426	0.283	0.259	0.154	0	0.49	0	0.980
PMCP2	0	0	0.211	0.121	0.441	0.279	0.269	0.151	0	0.52	0	0.882
PMCP3	0	0	0.212	0.120	0.444	0.277	0.270	0.150	0	0.55	0	0.880

beta : 2 1.5 0.5 0 0 0 0 0

intercept : 0

sample size : 500

simulation time : 100

loss_rate: 0.625

error_independent: FALSE

missing_method: xy

missing_location: 3

lambda_location_for_cv(SCAD): 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60

lambda_location_for_cv(MCP): 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60

file_name: ./data/beta_2_1.5_n_500_lambda_location_l1_60_error_independent_FALSE_x_missing_location_3.Rdata

table_original

	rho	r_sd	L_inf	L_sd	L_1	L_1_sd	L_2	L_2_sd	tn0e0	t0en0	tn0e0_sd	t0en0_sd
FLASSO	0	0	0.084	0.038	0.214	0.112	0.113	0.050	0.00	2.08	0.0	1.489
FSCAD	0	0	0.078	0.043	0.175	0.124	0.101	0.059	0.00	0.71	0.0	1.336
FMCP	0	0	0.076	0.039	0.169	0.109	0.100	0.054	0.00	0.53	0.0	1.058
CLASSO	0	0	0.164	0.054	0.395	0.149	0.215	0.064	0.00	2.05	0.0	1.459
CSCAD	0	0	0.143	0.058	0.316	0.183	0.183	0.080	0.00	1.11	0.0	1.399
CMCP	0	0	0.147	0.054	0.328	0.186	0.189	0.077	0.00	0.98	0.0	1.477
PLASSO	0	0	0.263	0.121	0.701	0.249	0.357	0.145	0.00	3.73	0.0	1.221
PSCAD1	0	0	0.238	0.126	0.541	0.325	0.311	0.168	0.00	0.83	0.0	1.264
PSCAD2	0	0	0.239	0.130	0.551	0.339	0.317	0.176	0.00	0.83	0.0	1.138
PSCAD3	0	0	0.242	0.130	0.557	0.342	0.320	0.177	0.00	0.82	0.0	1.104
PMCP1	0	0	0.238	0.129	0.548	0.335	0.314	0.174	0.01	0.84	0.1	1.220
PMCP2	0	0	0.241	0.130	0.559	0.338	0.319	0.176	0.00	0.84	0.0	1.135
PMCP3	0	0	0.242	0.129	0.564	0.340	0.322	0.175	0.00	0.86	0.0	1.128

beta : 2 1.5 0.5 0 0 0 0 0

intercept : 0

sample size : 500

simulation time : 100

loss_rate: 0.625

error_independent: FALSE

missing_method: xy

missing_location: 8

lambda_location_for_cv(SCAD): 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60

lambda_location_for_cv(MCP): 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60

file_name: ./data/beta_2_1.5_n_500_lambda_location_11_60_error_independent_FALSE_x_missing_location_8.Rdata

table_original

	rho	r_sd	L_inf	L_sd	L_1	L_1_sd	L_2	L_2_sd	tn0e0	t0en0	tn0e0_sd	t0en0_sd
FLASSO	0	0	0.089	0.032	0.222	0.100	0.120	0.043	0	1.82	0	1.513
FSCAD	0	0	0.082	0.038	0.180	0.105	0.108	0.053	0	0.50	0	0.990
FMCP	0	0	0.081	0.038	0.174	0.106	0.105	0.053	0	0.36	0	0.927
CLASSO	0	0	0.188	0.053	0.467	0.149	0.251	0.060	0	2.22	0	1.488
CSCAD	0	0	0.161	0.055	0.359	0.191	0.207	0.074	0	1.00	0	1.435
CMCP	0	0	0.158	0.056	0.342	0.188	0.202	0.077	0	0.67	0	1.272
PLASSO	0	0	0.303	0.132	0.799	0.259	0.411	0.156	0	3.75	0	1.104
PSCAD1	0	0	0.229	0.135	0.532	0.331	0.305	0.169	0	0.92	0	1.212
PSCAD2	0	0	0.225	0.139	0.533	0.343	0.302	0.175	0	0.88	0	1.094
PSCAD3	0	0	0.231	0.136	0.539	0.340	0.308	0.172	0	0.86	0	1.035
PMCP1	0	0	0.229	0.134	0.532	0.328	0.305	0.167	0	0.90	0	1.202
PMCP2	0	0	0.226	0.138	0.538	0.342	0.304	0.174	0	0.91	0	1.093
PMCP3	0	0	0.231	0.136	0.557	0.338	0.313	0.171	0	0.94	0	1.043

beta : 2 1.5 0.5 0 0 0 0 0

intercept : 0

sample size : 500

simulation time : 100

loss_rate: 0.625

error_independent: TRUE

missing_method: xy

missing_location: 1

lambda_location_for_cv(SCAD): 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60

lambda_location_for_cv(MCP): 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60

file_name: ./data/beta_2_1.5_n_500_lambda_location_l1_60_error_independent_TRUE_x_missing_location_1.Rdata

table_original

	rho	r_sd	L_inf	L_sd	L_1	L_1_sd	L_2	L_2_sd	tn0e0	t0en0	tn0e0_sd	t0en0_sd
FLASSO	0	0	0.077	0.029	0.211	0.089	0.108	0.037	0	2.49	0	1.527
FSCAD	0	0	0.066	0.031	0.138	0.082	0.083	0.039	0	0.65	0	1.274
FMCP	0	0	0.065	0.031	0.138	0.085	0.083	0.040	0	0.59	0	1.138
CLASSO	0	0	0.170	0.059	0.443	0.135	0.231	0.068	0	2.68	0	1.230
CSCAD	0	0	0.128	0.049	0.267	0.108	0.163	0.059	0	0.68	0	1.053
CMCP	0	0	0.131	0.049	0.285	0.118	0.170	0.059	0	0.62	0	1.237
PLASSO	0	0	0.295	0.145	0.748	0.281	0.392	0.172	0	3.82	0	1.123
PSCAD1	0	0	0.200	0.115	0.445	0.258	0.263	0.142	0	0.59	0	1.102
PSCAD2	0	0	0.201	0.107	0.446	0.244	0.263	0.132	0	0.62	0	0.993
PSCAD3	0	0	0.199	0.112	0.445	0.253	0.262	0.139	0	0.59	0	0.965
PMCP1	0	0	0.196	0.111	0.440	0.249	0.258	0.138	0	0.62	0	1.023
PMCP2	0	0	0.198	0.110	0.441	0.249	0.260	0.136	0	0.61	0	0.942
PMCP3	0	0	0.199	0.107	0.449	0.242	0.263	0.131	0	0.67	0	0.900

beta : 2 1.5 0.5 0 0 0 0 0

intercept : 0

sample size : 500

simulation time : 100

loss_rate: 0.625

error_independent: TRUE

missing_method: xy

missing_location: 3

lambda_location_for_cv(SCAD): 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60

lambda_location_for_cv(MCP): 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60

file_name: ./data/beta_2_1.5_n_500_lambda_location_l1_60_error_independent_TRUE_x_missing_location_3.Rdata

table_original

	rho	r_sd	L_inf	L_sd	L_1	L_1_sd	L_2	L_2_sd	tn0e0	t0en0	tn0e0_sd	t0en0_sd
FLASSO	0	0	0.074	0.028	0.192	0.078	0.100	0.034	0	2.36	0	1.425
FSCAD	0	0	0.058	0.026	0.117	0.071	0.072	0.034	0	0.45	0	1.038
FMCP	0	0	0.058	0.026	0.111	0.065	0.070	0.033	0	0.30	0	0.893
CLASSO	0	0	0.219	0.050	0.560	0.133	0.296	0.061	0	2.72	0	1.551
CSCAD	0	0	0.176	0.045	0.382	0.145	0.226	0.062	0	1.12	0	1.380
CMCP	0	0	0.181	0.052	0.375	0.139	0.231	0.066	0	0.51	0	1.068
PLASSO	0	0	0.260	0.131	0.695	0.275	0.353	0.159	0	3.93	0	1.057
PSCAD1	0	0	0.196	0.098	0.433	0.226	0.256	0.126	0	0.68	0	1.062
PSCAD2	0	0	0.199	0.100	0.445	0.242	0.262	0.131	0	0.66	0	1.085
PSCAD3	0	0	0.199	0.102	0.450	0.242	0.264	0.132	0	0.65	0	0.999
PMCP1	0	0	0.196	0.099	0.434	0.228	0.256	0.127	0	0.66	0	1.017
PMCP2	0	0	0.198	0.101	0.446	0.240	0.262	0.131	0	0.64	0	0.980
PMCP3	0	0	0.198	0.101	0.457	0.242	0.265	0.131	0	0.73	0	1.053

beta : 2 1.5 0.5 0 0 0 0 0

intercept : 0

sample size : 500

simulation time : 100

loss_rate: 0.625

error_independent: TRUE

missing_method: xy

missing_location: 8

lambda_location_for_cv(SCAD): 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60

lambda_location_for_cv(MCP): 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60

file_name: ./data/beta_2_1.5_n_500_lambda_location_l1_60_error_independent_TRUE_x_missing_location_8.Rdata

table_original

	rho	r_sd	L_inf	L_sd	L_1	L_1_sd	L_2	L_2_sd	tn0e0	t0en0	tn0e0_sd	t0en0_sd
FLASSO	0	0	0.082	0.027	0.213	0.084	0.111	0.035	0	2.37	0	1.397
FSCAD	0	0	0.067	0.029	0.143	0.086	0.085	0.039	0	0.62	0	1.332
FMCP	0	0	0.067	0.029	0.140	0.085	0.085	0.039	0	0.49	0	1.141
CLASSO	0	0	0.236	0.065	0.611	0.145	0.322	0.076	0	2.91	0	1.512
CSCAD	0	0	0.193	0.057	0.411	0.143	0.248	0.072	0	0.75	0	1.258
CMCP	0	0	0.192	0.059	0.399	0.147	0.245	0.076	0	0.44	0	1.038
PLASSO	0	0	0.259	0.136	0.698	0.301	0.353	0.173	0	3.94	0	1.033
PSCAD1	0	0	0.209	0.134	0.471	0.351	0.275	0.181	0	0.69	0	1.220
PSCAD2	0	0	0.216	0.137	0.490	0.361	0.286	0.185	0	0.69	0	1.134
PSCAD3	0	0	0.216	0.137	0.489	0.363	0.285	0.186	0	0.68	0	1.091
PMCP1	0	0	0.213	0.136	0.476	0.351	0.279	0.183	0	0.70	0	1.202
PMCP2	0	0	0.216	0.137	0.492	0.356	0.286	0.185	0	0.65	0	1.038
PMCP3	0	0	0.215	0.140	0.493	0.365	0.286	0.189	0	0.69	0	1.042

beta : 2 1.5 0.5 0 0 0 0 0

intercept : 0

sample size : 500

simulation time : 100

loss_rate: 0.625

error_independent: FALSE

missing_method: xy

missing_location: 1

lambda_location_for_cv(SCAD): 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50

lambda_location_for_cv(MCP): 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50

file_name: ./data/beta_2_1.5_n_500_lambda_location_l20_50_error_independent_FALSE_x_missing_location_1.Rdata

table_original

	rho	r_sd	L_inf	L_sd	L_1	L_1_sd	L_2	L_2_sd	tn0e0	t0en0	tn0e0_sd	t0en0_sd
FLASSO	0	0	0.084	0.034	0.220	0.116	0.115	0.048	0	1.82	0	1.500
FSCAD	0	0	0.075	0.038	0.167	0.122	0.097	0.053	0	0.60	0	1.271
FMCP	0	0	0.075	0.040	0.170	0.130	0.098	0.056	0	0.51	0	1.115
CLASSO	0	0	0.136	0.047	0.332	0.142	0.179	0.062	0	2.01	0	1.474
CSCAD	0	0	0.112	0.045	0.250	0.156	0.145	0.066	0	0.79	0	1.431
CMCP	0	0	0.111	0.045	0.242	0.149	0.144	0.065	0	0.54	0	1.123
PLASSO	0	0	0.265	0.128	0.687	0.285	0.354	0.157	0	3.76	0	0.986
PSCAD1	0	0	0.205	0.123	0.425	0.282	0.260	0.153	0	0.48	0	0.979
PSCAD2	0	0	0.209	0.121	0.432	0.275	0.265	0.150	0	0.48	0	0.870
PSCAD3	0	0	0.211	0.121	0.440	0.277	0.269	0.151	0	0.51	0	0.870
PMCP1	0	0	0.204	0.122	0.426	0.283	0.259	0.154	0	0.49	0	0.980
PMCP2	0	0	0.211	0.121	0.441	0.279	0.269	0.151	0	0.52	0	0.882
PMCP3	0	0	0.212	0.120	0.444	0.277	0.270	0.150	0	0.55	0	0.880

beta : 2 1.5 0.5 0 0 0 0 0

intercept : 0

sample size : 500

simulation time : 100

loss_rate: 0.625

error_independent: FALSE

missing_method: xy

missing_location: 3

lambda_location_for_cv(SCAD): 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50

lambda_location_for_cv(MCP): 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50

file_name: ./data/beta_2_1.5_n_500_lambda_location_l20_50_error_independent_FALSE_x_missing_location_3.Rdata

table_original

	rho	r_sd	L_inf	L_sd	L_1	L_1_sd	L_2	L_2_sd	tn0e0	t0en0	tn0e0_sd	t0en0_sd
FLASSO	0	0	0.084	0.038	0.214	0.112	0.113	0.050	0.00	2.08	0.0	1.489
FSCAD	0	0	0.078	0.043	0.175	0.124	0.101	0.059	0.00	0.71	0.0	1.336
FMCP	0	0	0.076	0.039	0.169	0.109	0.100	0.054	0.00	0.53	0.0	1.058
CLASSO	0	0	0.164	0.054	0.395	0.149	0.215	0.064	0.00	2.05	0.0	1.459
CSCAD	0	0	0.143	0.058	0.316	0.183	0.183	0.080	0.00	1.11	0.0	1.399
CMCP	0	0	0.147	0.054	0.328	0.186	0.189	0.077	0.00	0.98	0.0	1.477
PLASSO	0	0	0.263	0.121	0.701	0.249	0.357	0.145	0.00	3.73	0.0	1.221
PSCAD1	0	0	0.238	0.126	0.541	0.325	0.311	0.168	0.00	0.83	0.0	1.264
PSCAD2	0	0	0.239	0.130	0.551	0.339	0.317	0.176	0.00	0.83	0.0	1.138
PSCAD3	0	0	0.242	0.130	0.557	0.342	0.320	0.177	0.00	0.82	0.0	1.104
PMCP1	0	0	0.238	0.129	0.548	0.335	0.314	0.174	0.01	0.84	0.1	1.220
PMCP2	0	0	0.241	0.130	0.559	0.338	0.319	0.176	0.00	0.84	0.0	1.135
PMCP3	0	0	0.242	0.129	0.564	0.340	0.322	0.175	0.00	0.86	0.0	1.128

beta : 2 1.5 0.5 0 0 0 0 0

intercept : 0

sample size : 500

simulation time : 100

loss_rate: 0.625

error_independent: FALSE

missing_method: xy

missing_location: 8

lambda_location_for_cv(SCAD): 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50

lambda_location_for_cv(MCP): 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50

file_name: ./data/beta_2_1.5_n_500_lambda_location_120_50_error_independent_FALSE_x_missing_location_8.Rdata

table_original

	rho	r_sd	L_inf	L_sd	L_1	L_1_sd	L_2	L_2_sd	tn0e0	t0en0	tn0e0_sd	t0en0_sd
FLASSO	0	0	0.089	0.032	0.222	0.100	0.120	0.043	0	1.82	0	1.513
FSCAD	0	0	0.082	0.038	0.180	0.105	0.108	0.053	0	0.50	0	0.990
FMCP	0	0	0.081	0.038	0.174	0.106	0.105	0.053	0	0.36	0	0.927
CLASSO	0	0	0.188	0.053	0.467	0.149	0.251	0.060	0	2.22	0	1.488
CSCAD	0	0	0.161	0.055	0.359	0.191	0.207	0.074	0	1.00	0	1.435
CMCP	0	0	0.158	0.056	0.342	0.188	0.202	0.077	0	0.67	0	1.272
PLASSO	0	0	0.303	0.132	0.799	0.259	0.411	0.156	0	3.75	0	1.104
PSCAD1	0	0	0.229	0.135	0.532	0.331	0.305	0.169	0	0.92	0	1.212
PSCAD2	0	0	0.225	0.139	0.533	0.343	0.302	0.175	0	0.88	0	1.094
PSCAD3	0	0	0.231	0.136	0.539	0.340	0.308	0.172	0	0.86	0	1.035
PMCP1	0	0	0.229	0.134	0.532	0.328	0.305	0.167	0	0.90	0	1.202
PMCP2	0	0	0.226	0.138	0.538	0.342	0.304	0.174	0	0.91	0	1.093
PMCP3	0	0	0.231	0.136	0.557	0.338	0.313	0.171	0	0.94	0	1.043

beta : 2 1.5 0.5 0 0 0 0 0

intercept : 0

sample size : 500

simulation time : 100

loss_rate: 0.625

error_independent: TRUE

missing_method: xy

missing_location: 1

lambda_location_for_cv(SCAD): 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50

lambda_location_for_cv(MCP): 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50

file_name: ./data/beta_2_1.5_n_500_lambda_location_l20_50_error_independent_TRUE_x_missing_location_1.Rdata

table_original

	rho	r_sd	L_inf	L_sd	L_1	L_1_sd	L_2	L_2_sd	tn0e0	t0en0	tn0e0_sd	t0en0_sd
FLASSO	0	0	0.077	0.029	0.211	0.089	0.108	0.037	0	2.49	0	1.527
FSCAD	0	0	0.066	0.031	0.138	0.082	0.083	0.039	0	0.65	0	1.274
FMCP	0	0	0.065	0.031	0.138	0.085	0.083	0.040	0	0.59	0	1.138
CLASSO	0	0	0.170	0.059	0.443	0.135	0.231	0.068	0	2.68	0	1.230
CSCAD	0	0	0.128	0.049	0.267	0.108	0.163	0.059	0	0.68	0	1.053
CMCP	0	0	0.131	0.049	0.285	0.118	0.170	0.059	0	0.62	0	1.237
PLASSO	0	0	0.295	0.145	0.748	0.281	0.392	0.172	0	3.82	0	1.123
PSCAD1	0	0	0.200	0.115	0.445	0.258	0.263	0.142	0	0.59	0	1.102
PSCAD2	0	0	0.201	0.107	0.446	0.244	0.263	0.132	0	0.62	0	0.993
PSCAD3	0	0	0.199	0.112	0.445	0.253	0.262	0.139	0	0.59	0	0.965
PMCP1	0	0	0.196	0.111	0.440	0.249	0.258	0.138	0	0.62	0	1.023
PMCP2	0	0	0.198	0.110	0.441	0.249	0.260	0.136	0	0.61	0	0.942
PMCP3	0	0	0.199	0.107	0.449	0.242	0.263	0.131	0	0.67	0	0.900

beta : 2 1.5 0.5 0 0 0 0 0

intercept : 0

sample size : 500

simulation time : 100

loss_rate: 0.625

error_independent: TRUE

missing_method: xy

missing_location: 3

lambda_location_for_cv(SCAD): 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50

lambda_location_for_cv(MCP): 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50

file_name: ./data/beta_2_1.5_n_500_lambda_location_l20_50_error_independent_TRUE_x_missing_location_3.Rdata

table_original

	rho	r_sd	L_inf	L_sd	L_1	L_1_sd	L_2	L_2_sd	tn0e0	t0en0	tn0e0_sd	t0en0_sd
FLASSO	0	0	0.074	0.028	0.192	0.078	0.100	0.034	0	2.36	0	1.425
FSCAD	0	0	0.058	0.026	0.117	0.071	0.072	0.034	0	0.45	0	1.038
FMCP	0	0	0.058	0.026	0.111	0.065	0.070	0.033	0	0.30	0	0.893
CLASSO	0	0	0.219	0.050	0.560	0.133	0.296	0.061	0	2.72	0	1.551
CSCAD	0	0	0.176	0.045	0.382	0.145	0.226	0.062	0	1.12	0	1.380
CMCP	0	0	0.181	0.052	0.375	0.139	0.231	0.066	0	0.51	0	1.068
PLASSO	0	0	0.260	0.131	0.695	0.275	0.353	0.159	0	3.93	0	1.057
PSCAD1	0	0	0.196	0.098	0.433	0.226	0.256	0.126	0	0.68	0	1.062
PSCAD2	0	0	0.199	0.100	0.445	0.242	0.262	0.131	0	0.66	0	1.085
PSCAD3	0	0	0.199	0.102	0.450	0.242	0.264	0.132	0	0.65	0	0.999
PMCP1	0	0	0.196	0.099	0.434	0.228	0.256	0.127	0	0.66	0	1.017
PMCP2	0	0	0.198	0.101	0.446	0.240	0.262	0.131	0	0.64	0	0.980
PMCP3	0	0	0.198	0.101	0.457	0.242	0.265	0.131	0	0.73	0	1.053

beta : 2 1.5 0.5 0 0 0 0 0

intercept : 0

sample size : 500

simulation time : 100

loss_rate: 0.625

error_independent: TRUE

missing_method: xy

missing_location: 8

lambda_location_for_cv(SCAD): 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50

lambda_location_for_cv(MCP): 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50

file_name: ./data/beta_2_1.5_n_500_lambda_location_l20_50_error_independent_TRUE_x_missing_location_8.Rdata

table_original

	rho	r_sd	L_inf	L_sd	L_1	L_1_sd	L_2	L_2_sd	tn0e0	t0en0	tn0e0_sd	t0en0_sd
FLASSO	0	0	0.082	0.027	0.213	0.084	0.111	0.035	0	2.37	0	1.397
FSCAD	0	0	0.067	0.029	0.143	0.086	0.085	0.039	0	0.62	0	1.332
FMCP	0	0	0.067	0.029	0.140	0.085	0.085	0.039	0	0.49	0	1.141
CLASSO	0	0	0.236	0.065	0.611	0.145	0.322	0.076	0	2.91	0	1.512
CSCAD	0	0	0.193	0.057	0.411	0.143	0.248	0.072	0	0.75	0	1.258
CMCP	0	0	0.192	0.059	0.399	0.147	0.245	0.076	0	0.44	0	1.038
PLASSO	0	0	0.259	0.136	0.698	0.301	0.353	0.173	0	3.94	0	1.033
PSCAD1	0	0	0.209	0.134	0.471	0.351	0.275	0.181	0	0.69	0	1.220
PSCAD2	0	0	0.216	0.137	0.490	0.361	0.286	0.185	0	0.69	0	1.134
PSCAD3	0	0	0.216	0.137	0.489	0.363	0.285	0.186	0	0.68	0	1.091
PMCP1	0	0	0.213	0.136	0.476	0.351	0.279	0.183	0	0.70	0	1.202
PMCP2	0	0	0.216	0.137	0.492	0.356	0.286	0.185	0	0.65	0	1.038
PMCP3	0	0	0.215	0.140	0.493	0.365	0.286	0.189	0	0.69	0	1.042

beta : 3 2 1.5 0 0 0 0 0

intercept : 0

sample size : 200

simulation time : 100

loss_rate: 0.625

error_independent: FALSE

missing_method: xy

missing_location: 1

lambda_location_for_cv(SCAD): 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30

lambda_location_for_cv(MCP): 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30

file_name: ./data/beta_3_2_n_200_lambda_location_l1_30_error_independent_FALSE_x_missing_location_1.Rdata

table_original

	rho	r_sd	L_inf	L_sd	L_1	L_1_sd	L_2	L_2_sd	tn0e0	t0en0	tn0e0_sd	t0en0_sd
FLASSO	0	0	0.138	0.051	0.346	0.172	0.185	0.073	0	1.99	0	1.630
FSCAD	0	0	0.123	0.055	0.258	0.157	0.157	0.078	0	0.51	0	1.124
FMCP	0	0	0.127	0.056	0.272	0.176	0.164	0.083	0	0.46	0	1.049
CLASSO	0	0	0.215	0.087	0.530	0.240	0.286	0.106	0	1.99	0	1.624
CSCAD	0	0	0.182	0.090	0.391	0.270	0.234	0.125	0	0.53	0	1.185
CMCP	0	0	0.183	0.088	0.385	0.240	0.234	0.118	0	0.41	0	0.922
PLASSO	0	0	0.663	0.366	1.679	0.744	0.880	0.442	0	3.89	0	1.118
PSCAD1	0	0	0.559	0.345	1.296	0.862	0.737	0.447	0	0.81	0	1.308
PSCAD2	0	0	0.530	0.351	1.228	0.879	0.699	0.457	0	0.81	0	1.220
PSCAD3	0	0	0.541	0.345	1.258	0.877	0.712	0.450	0	0.82	0	1.140
PMCP1	0	0	0.526	0.334	1.211	0.855	0.693	0.438	0	0.76	0	1.224
PMCP2	0	0	0.542	0.353	1.259	0.872	0.714	0.456	0	0.87	0	1.169
PMCP3	0	0	0.539	0.364	1.261	0.903	0.713	0.475	0	0.84	0	1.108

beta : 3 2 1.5 0 0 0 0 0

intercept : 0

sample size : 200

simulation time : 100

loss_rate: 0.625

error_independent: FALSE

missing_method: xy

missing_location: 3

lambda_location_for_cv(SCAD): 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30

lambda_location_for_cv(MCP): 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30

file_name: ./data/beta_3_2_n_200_lambda_location_l1_30_error_independent_FALSE_x_missing_location_3.Rdata

table_original

	rho	r_sd	L_inf	L_sd	L_1	L_1_sd	L_2	L_2_sd	tn0e0	t0en0	tn0e0_sd	t0en0_sd
FLASSO	0	0	0.136	0.054	0.358	0.201	0.189	0.082	0	1.89	0	1.582
FSCAD	0	0	0.124	0.056	0.279	0.204	0.164	0.089	0	0.46	0	1.210
FMCP	0	0	0.123	0.056	0.267	0.175	0.160	0.082	0	0.41	0	1.065
CLASSO	0	0	0.228	0.086	0.558	0.234	0.303	0.104	0	1.99	0	1.480
CSCAD	0	0	0.185	0.089	0.371	0.212	0.232	0.113	0	0.32	0	0.898
CMCP	0	0	0.192	0.087	0.400	0.247	0.244	0.118	0	0.45	0	1.123
PLASSO	0	0	0.627	0.321	1.629	0.715	0.851	0.420	0	3.88	0	1.018
PSCAD1	0	0	0.498	0.285	1.105	0.711	0.658	0.391	0	0.53	0	1.058
PSCAD2	0	0	0.491	0.302	1.104	0.761	0.651	0.413	0	0.62	0	1.003
PSCAD3	0	0	0.486	0.298	1.098	0.756	0.645	0.408	0	0.62	0	0.972
PMCP1	0	0	0.476	0.283	1.056	0.700	0.628	0.383	0	0.55	0	1.048
PMCP2	0	0	0.494	0.304	1.115	0.765	0.654	0.415	0	0.65	0	0.957
PMCP3	0	0	0.486	0.301	1.090	0.759	0.641	0.410	0	0.63	0	0.928

beta : 3 2 1.5 0 0 0 0 0

intercept : 0

sample size : 200

simulation time : 100

loss_rate: 0.625

error_independent: FALSE

missing_method: xy

missing_location: 8

lambda_location_for_cv(SCAD): 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30

lambda_location_for_cv(MCP): 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30

file_name: ./data/beta_3_2_n_200_lambda_location_l1_30_error_independent_FALSE_x_missing_location_8.Rdata

table_original

	rho	r_sd	L_inf	L_sd	L_1	L_1_sd	L_2	L_2_sd	tn0e0	t0en0	tn0e0_sd	t0en0_sd
FLASSO	0	0	0.137	0.055	0.349	0.183	0.184	0.077	0	1.91	0	1.512
FSCAD	0	0	0.120	0.057	0.260	0.161	0.156	0.079	0	0.42	0	1.046
FMCP	0	0	0.125	0.059	0.264	0.166	0.160	0.080	0	0.35	0	0.947
CLASSO	0	0	0.238	0.081	0.628	0.264	0.325	0.106	0	2.29	0	1.559
CSCAD	0	0	0.188	0.086	0.411	0.282	0.240	0.119	0	0.59	0	1.272
CMCP	0	0	0.192	0.093	0.424	0.296	0.249	0.133	0	0.49	0	1.105
PLASSO	0	0	0.661	0.330	1.731	0.753	0.898	0.422	0	3.65	0	1.104
PSCAD1	0	0	0.569	0.388	1.247	0.865	0.741	0.493	0	0.45	0	0.978
PSCAD2	0	0	0.584	0.441	1.308	1.036	0.760	0.562	0	0.64	0	1.133
PSCAD3	0	0	0.573	0.450	1.276	1.049	0.741	0.571	0	0.66	0	1.066
PMCP1	0	0	0.558	0.395	1.233	0.928	0.725	0.504	0	0.58	0	1.174
PMCP2	0	0	0.572	0.435	1.284	1.026	0.745	0.554	0	0.64	0	1.142
PMCP3	0	0	0.604	0.438	1.347	1.003	0.784	0.555	0	0.65	0	1.038

beta : 3 2 1.5 0 0 0 0 0

intercept : 0

sample size : 200

simulation time : 100

loss_rate: 0.625

error_independent: TRUE

missing_method: xy

missing_location: 1

lambda_location_for_cv(SCAD): 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30

lambda_location_for_cv(MCP): 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30

file_name: ./data/beta_3_2_n_200_lambda_location_l1_30_error_independent_TRUE_x_missing_location_1.Rdata

table_original

	rho	r_sd	L_inf	L_sd	L_1	L_1_sd	L_2	L_2_sd	tn0e0	t0en0	tn0e0_sd	t0en0_sd
FLASSO	0	0	0.126	0.046	0.349	0.146	0.175	0.059	0	2.69	0	1.535
FSCAD	0	0	0.107	0.048	0.238	0.155	0.137	0.066	0	0.75	0	1.466
FMCP	0	0	0.108	0.050	0.254	0.175	0.143	0.071	0	0.80	0	1.511
CLASSO	0	0	0.206	0.065	0.560	0.192	0.284	0.082	0	2.76	0	1.532
CSCAD	0	0	0.154	0.059	0.347	0.208	0.202	0.083	0	0.68	0	1.449
CMCP	0	0	0.152	0.059	0.332	0.198	0.197	0.082	0	0.53	0	1.267
PLASSO	0	0	0.543	0.324	1.422	0.669	0.731	0.403	0	4.24	0	0.922
PSCAD1	0	0	0.439	0.269	1.008	0.666	0.579	0.359	0	0.66	0	1.191
PSCAD2	0	0	0.449	0.275	1.045	0.695	0.593	0.369	0	0.81	0	1.195
PSCAD3	0	0	0.444	0.282	1.055	0.707	0.594	0.379	0	0.84	0	1.143
PMCP1	0	0	0.417	0.270	0.964	0.677	0.552	0.364	0	0.68	0	1.154
PMCP2	0	0	0.437	0.280	1.019	0.705	0.578	0.377	0	0.77	0	1.081
PMCP3	0	0	0.444	0.288	1.058	0.721	0.593	0.387	0	0.83	0	1.045

beta : 3 2 1.5 0 0 0 0 0

intercept : 0

sample size : 200

simulation time : 100

loss_rate: 0.625

error_independent: TRUE

missing_method: xy

missing_location: 3

lambda_location_for_cv(SCAD): 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30

lambda_location_for_cv(MCP): 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30

file_name: ./data/beta_3_2_n_200_lambda_location_l1_30_error_independent_TRUE_x_missing_location_3.Rdata

table_original

	rho	r_sd	L_inf	L_sd	L_1	L_1_sd	L_2	L_2_sd	tn0e0	t0en0	tn0e0_sd	t0en0_sd
FLASSO	0	0	0.130	0.047	0.351	0.132	0.178	0.057	0	2.72	0	1.558
FSCAD	0	0	0.108	0.047	0.234	0.149	0.138	0.064	0	0.72	0	1.471
FMCP	0	0	0.106	0.046	0.216	0.135	0.132	0.061	0	0.43	0	1.094
CLASSO	0	0	0.244	0.095	0.633	0.210	0.329	0.112	0	2.82	0	1.520
CSCAD	0	0	0.181	0.086	0.342	0.196	0.218	0.105	0	0.32	0	0.827
CMCP	0	0	0.184	0.086	0.357	0.205	0.223	0.106	0	0.37	0	0.884
PLASSO	0	0	0.615	0.314	1.599	0.722	0.835	0.414	0	4.34	0	0.742
PSCAD1	0	0	0.554	0.402	1.263	0.951	0.730	0.538	0	0.76	0	1.147
PSCAD2	0	0	0.549	0.411	1.267	0.964	0.727	0.547	0	0.86	0	1.025
PSCAD3	0	0	0.539	0.416	1.243	0.976	0.713	0.552	0	0.85	0	0.978
PMCP1	0	0	0.548	0.399	1.259	0.937	0.726	0.530	0	0.77	0	1.145
PMCP2	0	0	0.546	0.407	1.244	0.961	0.718	0.544	0	0.78	0	0.938
PMCP3	0	0	0.523	0.408	1.203	0.978	0.689	0.545	0	0.82	0	0.957

beta : 3 2 1.5 0 0 0 0 0

intercept : 0

sample size : 200

simulation time : 100

loss_rate: 0.625

error_independent: TRUE

missing_method: xy

missing_location: 8

lambda_location_for_cv(SCAD): 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30

lambda_location_for_cv(MCP): 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30

file_name: ./data/beta_3_2_n_200_lambda_location_l1_30_error_independent_TRUE_x_missing_location_8.Rdata

table_original

	rho	r_sd	L_inf	L_sd	L_1	L_1_sd	L_2	L_2_sd	tn0e0	t0en0	tn0e0_sd	t0en0_sd
FLASSO	0	0	0.123	0.041	0.327	0.122	0.168	0.052	0	2.49	0	1.389
FSCAD	0	0	0.100	0.042	0.206	0.126	0.126	0.058	0	0.42	0	1.056
FMCP	0	0	0.096	0.042	0.194	0.107	0.121	0.055	0	0.28	0	0.712
CLASSO	0	0	0.262	0.085	0.716	0.224	0.364	0.107	0	2.81	0	1.405
CSCAD	0	0	0.184	0.085	0.367	0.193	0.229	0.104	0	0.40	0	0.899
CMCP	0	0	0.181	0.082	0.381	0.222	0.231	0.107	0	0.51	0	1.068
PLASSO	0	0	0.626	0.331	1.648	0.719	0.850	0.419	0	4.03	0	1.077
PSCAD1	0	0	0.478	0.319	1.120	0.786	0.640	0.431	0	0.71	0	1.225
PSCAD2	0	0	0.491	0.321	1.154	0.800	0.657	0.432	0	0.71	0	1.131
PSCAD3	0	0	0.483	0.313	1.164	0.787	0.655	0.423	0	0.84	0	1.170
PMCP1	0	0	0.502	0.301	1.195	0.744	0.681	0.406	0	0.72	0	1.198
PMCP2	0	0	0.512	0.323	1.212	0.803	0.688	0.435	0	0.72	0	1.074
PMCP3	0	0	0.489	0.317	1.163	0.789	0.657	0.426	0	0.79	0	1.076

beta : 3 2 1.5 0 0 0 0 0

intercept : 0

sample size : 200

simulation time : 100

loss_rate: 0.625

error_independent: FALSE

missing_method: xy

missing_location: 1

lambda_location_for_cv(SCAD): 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60

lambda_location_for_cv(MCP): 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60

file_name: ./data/beta_3_2_n_200_lambda_location_l1_60_error_independent_FALSE_x_missing_location_1.Rdata

table_original

	rho	r_sd	L_inf	L_sd	L_1	L_1_sd	L_2	L_2_sd	tn0e0	t0en0	tn0e0_sd	t0en0_sd
FLASSO	0	0	0.138	0.051	0.346	0.172	0.185	0.073	0	1.99	0	1.630
FSCAD	0	0	0.123	0.055	0.258	0.157	0.157	0.078	0	0.51	0	1.124
FMCP	0	0	0.127	0.056	0.272	0.176	0.164	0.083	0	0.46	0	1.049
CLASSO	0	0	0.215	0.087	0.530	0.240	0.286	0.106	0	1.99	0	1.624
CSCAD	0	0	0.182	0.090	0.391	0.270	0.234	0.125	0	0.53	0	1.185
CMCP	0	0	0.183	0.088	0.385	0.240	0.234	0.118	0	0.41	0	0.922
PLASSO	0	0	0.663	0.366	1.679	0.744	0.880	0.442	0	3.89	0	1.118
PSCAD1	0	0	0.559	0.345	1.296	0.862	0.737	0.447	0	0.81	0	1.308
PSCAD2	0	0	0.530	0.351	1.228	0.879	0.699	0.457	0	0.81	0	1.220
PSCAD3	0	0	0.541	0.345	1.258	0.877	0.712	0.450	0	0.82	0	1.140
PMCP1	0	0	0.526	0.334	1.211	0.855	0.693	0.438	0	0.76	0	1.224
PMCP2	0	0	0.542	0.353	1.259	0.872	0.714	0.456	0	0.87	0	1.169
PMCP3	0	0	0.539	0.364	1.261	0.903	0.713	0.475	0	0.84	0	1.108

beta : 3 2 1.5 0 0 0 0 0

intercept : 0

sample size : 200

simulation time : 100

loss_rate: 0.625

error_independent: FALSE

missing_method: xy

missing_location: 3

lambda_location_for_cv(SCAD): 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60

lambda_location_for_cv(MCP): 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60

file_name: ./data/beta_3_2_n_200_lambda_location_l1_60_error_independent_FALSE_x_missing_location_3.Rdata

table_original

	rho	r_sd	L_inf	L_sd	L_1	L_1_sd	L_2	L_2_sd	tn0e0	t0en0	tn0e0_sd	t0en0_sd
FLASSO	0	0	0.136	0.054	0.358	0.201	0.189	0.082	0	1.89	0	1.582
FSCAD	0	0	0.124	0.056	0.279	0.204	0.164	0.089	0	0.46	0	1.210
FMCP	0	0	0.123	0.056	0.267	0.175	0.160	0.082	0	0.41	0	1.065
CLASSO	0	0	0.228	0.086	0.558	0.234	0.303	0.104	0	1.99	0	1.480
CSCAD	0	0	0.185	0.089	0.371	0.212	0.232	0.113	0	0.32	0	0.898
CMCP	0	0	0.192	0.087	0.400	0.247	0.244	0.118	0	0.45	0	1.123
PLASSO	0	0	0.627	0.321	1.629	0.715	0.851	0.420	0	3.88	0	1.018
PSCAD1	0	0	0.498	0.285	1.105	0.711	0.658	0.391	0	0.53	0	1.058
PSCAD2	0	0	0.491	0.302	1.104	0.761	0.651	0.413	0	0.62	0	1.003
PSCAD3	0	0	0.486	0.298	1.098	0.756	0.645	0.408	0	0.62	0	0.972
PMCP1	0	0	0.476	0.283	1.056	0.700	0.628	0.383	0	0.55	0	1.048
PMCP2	0	0	0.494	0.304	1.115	0.765	0.654	0.415	0	0.65	0	0.957
PMCP3	0	0	0.486	0.301	1.090	0.759	0.641	0.410	0	0.63	0	0.928

beta : 3 2 1.5 0 0 0 0 0

intercept : 0

sample size : 200

simulation time : 100

loss_rate: 0.625

error_independent: FALSE

missing_method: xy

missing_location: 8

lambda_location_for_cv(SCAD): 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60

lambda_location_for_cv(MCP): 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60

file_name: ./data/beta_3_2_n_200_lambda_location_l1_60_error_independent_FALSE_x_missing_location_8.Rdata

table_original

	rho	r_sd	L_inf	L_sd	L_1	L_1_sd	L_2	L_2_sd	tn0e0	t0en0	tn0e0_sd	t0en0_sd
FLASSO	0	0	0.137	0.055	0.349	0.183	0.184	0.077	0	1.91	0	1.512
FSCAD	0	0	0.120	0.057	0.260	0.161	0.156	0.079	0	0.42	0	1.046
FMCP	0	0	0.125	0.059	0.264	0.166	0.160	0.080	0	0.35	0	0.947
CLASSO	0	0	0.238	0.081	0.628	0.264	0.325	0.106	0	2.29	0	1.559
CSCAD	0	0	0.188	0.086	0.411	0.282	0.240	0.119	0	0.59	0	1.272
CMCP	0	0	0.192	0.093	0.424	0.296	0.249	0.133	0	0.49	0	1.105
PLASSO	0	0	0.661	0.330	1.731	0.753	0.898	0.422	0	3.65	0	1.104
PSCAD1	0	0	0.569	0.388	1.247	0.865	0.741	0.493	0	0.45	0	0.978
PSCAD2	0	0	0.584	0.441	1.308	1.036	0.760	0.562	0	0.64	0	1.133
PSCAD3	0	0	0.573	0.450	1.276	1.049	0.741	0.571	0	0.66	0	1.066
PMCP1	0	0	0.558	0.395	1.233	0.928	0.725	0.504	0	0.58	0	1.174
PMCP2	0	0	0.572	0.435	1.284	1.026	0.745	0.554	0	0.64	0	1.142
PMCP3	0	0	0.604	0.438	1.347	1.003	0.784	0.555	0	0.65	0	1.038

beta : 3 2 1.5 0 0 0 0 0

intercept : 0

sample size : 200

simulation time : 100

loss_rate: 0.625

error_independent: TRUE

missing_method: xy

missing_location: 1

lambda_location_for_cv(SCAD): 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60

lambda_location_for_cv(MCP): 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60

file_name: ./data/beta_3_2_n_200_lambda_location_l1_60_error_independent_TRUE_x_missing_location_1.Rdata

table_original

	rho	r_sd	L_inf	L_sd	L_1	L_1_sd	L_2	L_2_sd	tn0e0	t0en0	tn0e0_sd	t0en0_sd
FLASSO	0	0	0.126	0.046	0.349	0.146	0.175	0.059	0	2.69	0	1.535
FSCAD	0	0	0.107	0.048	0.238	0.155	0.137	0.066	0	0.75	0	1.466
FMCP	0	0	0.108	0.050	0.254	0.175	0.143	0.071	0	0.80	0	1.511
CLASSO	0	0	0.206	0.065	0.560	0.192	0.284	0.082	0	2.76	0	1.532
CSCAD	0	0	0.154	0.059	0.347	0.208	0.202	0.083	0	0.68	0	1.449
CMCP	0	0	0.152	0.059	0.332	0.198	0.197	0.082	0	0.53	0	1.267
PLASSO	0	0	0.543	0.324	1.422	0.669	0.731	0.403	0	4.24	0	0.922
PSCAD1	0	0	0.439	0.269	1.008	0.666	0.579	0.359	0	0.66	0	1.191
PSCAD2	0	0	0.449	0.275	1.045	0.695	0.593	0.369	0	0.81	0	1.195
PSCAD3	0	0	0.444	0.282	1.055	0.707	0.594	0.379	0	0.84	0	1.143
PMCP1	0	0	0.417	0.270	0.964	0.677	0.552	0.364	0	0.68	0	1.154
PMCP2	0	0	0.437	0.280	1.019	0.705	0.578	0.377	0	0.77	0	1.081
PMCP3	0	0	0.444	0.288	1.058	0.721	0.593	0.387	0	0.83	0	1.045

beta : 3 2 1.5 0 0 0 0 0

intercept : 0

sample size : 200

simulation time : 100

loss_rate: 0.625

error_independent: TRUE

missing_method: xy

missing_location: 3

lambda_location_for_cv(SCAD): 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60

lambda_location_for_cv(MCP): 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60

file_name: ./data/beta_3_2_n_200_lambda_location_l1_60_error_independent_TRUE_x_missing_location_3.Rdata

table_original

	rho	r_sd	L_inf	L_sd	L_1	L_1_sd	L_2	L_2_sd	tn0e0	t0en0	tn0e0_sd	t0en0_sd
FLASSO	0	0	0.130	0.047	0.351	0.132	0.178	0.057	0	2.72	0	1.558
FSCAD	0	0	0.108	0.047	0.234	0.149	0.138	0.064	0	0.72	0	1.471
FMCP	0	0	0.106	0.046	0.216	0.135	0.132	0.061	0	0.43	0	1.094
CLASSO	0	0	0.244	0.095	0.633	0.210	0.329	0.112	0	2.82	0	1.520
CSCAD	0	0	0.181	0.086	0.342	0.196	0.218	0.105	0	0.32	0	0.827
CMCP	0	0	0.184	0.086	0.357	0.205	0.223	0.106	0	0.37	0	0.884
PLASSO	0	0	0.615	0.314	1.599	0.722	0.835	0.414	0	4.34	0	0.742
PSCAD1	0	0	0.554	0.402	1.263	0.951	0.730	0.538	0	0.76	0	1.147
PSCAD2	0	0	0.549	0.411	1.267	0.964	0.727	0.547	0	0.86	0	1.025
PSCAD3	0	0	0.539	0.416	1.243	0.976	0.713	0.552	0	0.85	0	0.978
PMCP1	0	0	0.548	0.399	1.259	0.937	0.726	0.530	0	0.77	0	1.145
PMCP2	0	0	0.546	0.407	1.244	0.961	0.718	0.544	0	0.78	0	0.938
PMCP3	0	0	0.523	0.408	1.203	0.978	0.689	0.545	0	0.82	0	0.957

beta : 3 2 1.5 0 0 0 0 0

intercept : 0

sample size : 200

simulation time : 100

loss_rate: 0.625

error_independent: TRUE

missing_method: xy

missing_location: 8

lambda_location_for_cv(SCAD): 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60

lambda_location_for_cv(MCP): 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60

file_name: ./data/beta_3_2_n_200_lambda_location_l1_60_error_independent_TRUE_x_missing_location_8.Rdata

table_original

	rho	r_sd	L_inf	L_sd	L_1	L_1_sd	L_2	L_2_sd	tn0e0	t0en0	tn0e0_sd	t0en0_sd
FLASSO	0	0	0.123	0.041	0.327	0.122	0.168	0.052	0	2.49	0	1.389
FSCAD	0	0	0.100	0.042	0.206	0.126	0.126	0.058	0	0.42	0	1.056
FMCP	0	0	0.096	0.042	0.194	0.107	0.121	0.055	0	0.28	0	0.712
CLASSO	0	0	0.262	0.085	0.716	0.224	0.364	0.107	0	2.81	0	1.405
CSCAD	0	0	0.184	0.085	0.367	0.193	0.229	0.104	0	0.40	0	0.899
CMCP	0	0	0.181	0.082	0.381	0.222	0.231	0.107	0	0.51	0	1.068
PLASSO	0	0	0.626	0.331	1.648	0.719	0.850	0.419	0	4.03	0	1.077
PSCAD1	0	0	0.478	0.319	1.120	0.786	0.640	0.431	0	0.71	0	1.225
PSCAD2	0	0	0.491	0.321	1.154	0.800	0.657	0.432	0	0.71	0	1.131
PSCAD3	0	0	0.483	0.313	1.164	0.787	0.655	0.423	0	0.84	0	1.170
PMCP1	0	0	0.502	0.301	1.195	0.744	0.681	0.406	0	0.72	0	1.198
PMCP2	0	0	0.512	0.323	1.212	0.803	0.688	0.435	0	0.72	0	1.074
PMCP3	0	0	0.489	0.317	1.163	0.789	0.657	0.426	0	0.79	0	1.076

beta : 3 2 1.5 0 0 0 0 0

intercept : 0

sample size : 200

simulation time : 100

loss_rate: 0.625

error_independent: FALSE

missing_method: xy

missing_location: 1

lambda_location_for_cv(SCAD): 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50

lambda_location_for_cv(MCP): 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50

file_name: ./data/beta_3_2_n_200_lambda_location_120_50_error_independent_FALSE_x_missing_location_1.Rdata

table_original

	rho	r_sd	L_inf	L_sd	L_1	L_1_sd	L_2	L_2_sd	tn0e0	t0en0	tn0e0_sd	t0en0_sd
FLASSO	0	0	0.138	0.051	0.346	0.172	0.185	0.073	0	1.99	0	1.630
FSCAD	0	0	0.123	0.055	0.258	0.157	0.157	0.078	0	0.51	0	1.124
FMCP	0	0	0.127	0.056	0.272	0.176	0.164	0.083	0	0.46	0	1.049
CLASSO	0	0	0.215	0.087	0.530	0.240	0.286	0.106	0	1.99	0	1.624
CSCAD	0	0	0.182	0.090	0.391	0.270	0.234	0.125	0	0.53	0	1.185
CMCP	0	0	0.183	0.088	0.385	0.240	0.234	0.118	0	0.41	0	0.922
PLASSO	0	0	0.663	0.366	1.679	0.744	0.880	0.442	0	3.89	0	1.118
PSCAD1	0	0	0.559	0.345	1.296	0.862	0.737	0.447	0	0.81	0	1.308
PSCAD2	0	0	0.530	0.351	1.228	0.879	0.699	0.457	0	0.81	0	1.220
PSCAD3	0	0	0.541	0.345	1.258	0.877	0.712	0.450	0	0.82	0	1.140
PMCP1	0	0	0.526	0.334	1.211	0.855	0.693	0.438	0	0.76	0	1.224
PMCP2	0	0	0.542	0.353	1.259	0.872	0.714	0.456	0	0.87	0	1.169
PMCP3	0	0	0.539	0.364	1.261	0.903	0.713	0.475	0	0.84	0	1.108

beta : 3 2 1.5 0 0 0 0 0

intercept : 0

sample size : 200

simulation time : 100

loss_rate: 0.625

error_independent: FALSE

missing_method: xy

missing_location: 3

lambda_location_for_cv(SCAD): 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50

lambda_location_for_cv(MCP): 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50

file_name: ./data/beta_3_2_n_200_lambda_location_120_50_error_independent_FALSE_x_missing_location_3.Rdata

table_original

	rho	r_sd	L_inf	L_sd	L_1	L_1_sd	L_2	L_2_sd	tn0e0	t0en0	tn0e0_sd	t0en0_sd
FLASSO	0	0	0.136	0.054	0.358	0.201	0.189	0.082	0	1.89	0	1.582
FSCAD	0	0	0.124	0.056	0.279	0.204	0.164	0.089	0	0.46	0	1.210
FMCP	0	0	0.123	0.056	0.267	0.175	0.160	0.082	0	0.41	0	1.065
CLASSO	0	0	0.228	0.086	0.558	0.234	0.303	0.104	0	1.99	0	1.480
CSCAD	0	0	0.185	0.089	0.371	0.212	0.232	0.113	0	0.32	0	0.898
CMCP	0	0	0.192	0.087	0.400	0.247	0.244	0.118	0	0.45	0	1.123
PLASSO	0	0	0.627	0.321	1.629	0.715	0.851	0.420	0	3.88	0	1.018
PSCAD1	0	0	0.498	0.285	1.105	0.711	0.658	0.391	0	0.53	0	1.058
PSCAD2	0	0	0.491	0.302	1.104	0.761	0.651	0.413	0	0.62	0	1.003
PSCAD3	0	0	0.486	0.298	1.098	0.756	0.645	0.408	0	0.62	0	0.972
PMCP1	0	0	0.476	0.283	1.056	0.700	0.628	0.383	0	0.55	0	1.048
PMCP2	0	0	0.494	0.304	1.115	0.765	0.654	0.415	0	0.65	0	0.957
PMCP3	0	0	0.486	0.301	1.090	0.759	0.641	0.410	0	0.63	0	0.928

beta : 3 2 1.5 0 0 0 0 0

intercept : 0

sample size : 200

simulation time : 100

loss_rate: 0.625

error_independent: FALSE

missing_method: xy

missing_location: 8

lambda_location_for_cv(SCAD): 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50

lambda_location_for_cv(MCP): 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50

file_name: ./data/beta_3_2_n_200_lambda_location_120_50_error_independent_FALSE_x_missing_location_8.Rdata

table_original

	rho	r_sd	L_inf	L_sd	L_1	L_1_sd	L_2	L_2_sd	tn0e0	t0en0	tn0e0_sd	t0en0_sd
FLASSO	0	0	0.137	0.055	0.349	0.183	0.184	0.077	0	1.91	0	1.512
FSCAD	0	0	0.120	0.057	0.260	0.161	0.156	0.079	0	0.42	0	1.046
FMCP	0	0	0.125	0.059	0.264	0.166	0.160	0.080	0	0.35	0	0.947
CLASSO	0	0	0.238	0.081	0.628	0.264	0.325	0.106	0	2.29	0	1.559
CSCAD	0	0	0.188	0.086	0.411	0.282	0.240	0.119	0	0.59	0	1.272
CMCP	0	0	0.192	0.093	0.424	0.296	0.249	0.133	0	0.49	0	1.105
PLASSO	0	0	0.661	0.330	1.731	0.753	0.898	0.422	0	3.65	0	1.104
PSCAD1	0	0	0.569	0.388	1.247	0.865	0.741	0.493	0	0.45	0	0.978
PSCAD2	0	0	0.584	0.441	1.308	1.036	0.760	0.562	0	0.64	0	1.133
PSCAD3	0	0	0.573	0.450	1.276	1.049	0.741	0.571	0	0.66	0	1.066
PMCP1	0	0	0.558	0.395	1.233	0.928	0.725	0.504	0	0.58	0	1.174
PMCP2	0	0	0.572	0.435	1.284	1.026	0.745	0.554	0	0.64	0	1.142
PMCP3	0	0	0.604	0.438	1.347	1.003	0.784	0.555	0	0.65	0	1.038

beta : 3 2 1.5 0 0 0 0 0

intercept : 0

sample size : 200

simulation time : 100

loss_rate: 0.625

error_independent: TRUE

missing_method: xy

missing_location: 1

lambda_location_for_cv(SCAD): 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50

lambda_location_for_cv(MCP): 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50

file_name: ./data/beta_3_2_n_200_lambda_location_120_50_error_independent_TRUE_x_missing_location_1.Rdata

table_original

	rho	r_sd	L_inf	L_sd	L_1	L_1_sd	L_2	L_2_sd	tn0e0	t0en0	tn0e0_sd	t0en0_sd
FLASSO	0	0	0.126	0.046	0.349	0.146	0.175	0.059	0	2.69	0	1.535
FSCAD	0	0	0.107	0.048	0.238	0.155	0.137	0.066	0	0.75	0	1.466
FMCP	0	0	0.108	0.050	0.254	0.175	0.143	0.071	0	0.80	0	1.511
CLASSO	0	0	0.206	0.065	0.560	0.192	0.284	0.082	0	2.76	0	1.532
CSCAD	0	0	0.154	0.059	0.347	0.208	0.202	0.083	0	0.68	0	1.449
CMCP	0	0	0.152	0.059	0.332	0.198	0.197	0.082	0	0.53	0	1.267
PLASSO	0	0	0.543	0.324	1.422	0.669	0.731	0.403	0	4.24	0	0.922
PSCAD1	0	0	0.439	0.269	1.008	0.666	0.579	0.359	0	0.66	0	1.191
PSCAD2	0	0	0.449	0.275	1.045	0.695	0.593	0.369	0	0.81	0	1.195
PSCAD3	0	0	0.444	0.282	1.055	0.707	0.594	0.379	0	0.84	0	1.143
PMCP1	0	0	0.417	0.270	0.964	0.677	0.552	0.364	0	0.68	0	1.154
PMCP2	0	0	0.437	0.280	1.019	0.705	0.578	0.377	0	0.77	0	1.081
PMCP3	0	0	0.444	0.288	1.058	0.721	0.593	0.387	0	0.83	0	1.045

beta : 3 2 1.5 0 0 0 0 0

intercept : 0

sample size : 200

simulation time : 100

loss_rate: 0.625

error_independent: TRUE

missing_method: xy

missing_location: 3

lambda_location_for_cv(SCAD): 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50

lambda_location_for_cv(MCP): 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50

file_name: ./data/beta_3_2_n_200_lambda_location_120_50_error_independent_TRUE_x_missing_location_3.Rdata

table_original

	rho	r_sd	L_inf	L_sd	L_1	L_1_sd	L_2	L_2_sd	tn0e0	t0en0	tn0e0_sd	t0en0_sd
FLASSO	0	0	0.130	0.047	0.351	0.132	0.178	0.057	0	2.72	0	1.558
FSCAD	0	0	0.108	0.047	0.234	0.149	0.138	0.064	0	0.72	0	1.471
FMCP	0	0	0.106	0.046	0.216	0.135	0.132	0.061	0	0.43	0	1.094
CLASSO	0	0	0.244	0.095	0.633	0.210	0.329	0.112	0	2.82	0	1.520
CSCAD	0	0	0.181	0.086	0.342	0.196	0.218	0.105	0	0.32	0	0.827
CMCP	0	0	0.184	0.086	0.357	0.205	0.223	0.106	0	0.37	0	0.884
PLASSO	0	0	0.615	0.314	1.599	0.722	0.835	0.414	0	4.34	0	0.742
PSCAD1	0	0	0.554	0.402	1.263	0.951	0.730	0.538	0	0.76	0	1.147
PSCAD2	0	0	0.549	0.411	1.267	0.964	0.727	0.547	0	0.86	0	1.025
PSCAD3	0	0	0.539	0.416	1.243	0.976	0.713	0.552	0	0.85	0	0.978
PMCP1	0	0	0.548	0.399	1.259	0.937	0.726	0.530	0	0.77	0	1.145
PMCP2	0	0	0.546	0.407	1.244	0.961	0.718	0.544	0	0.78	0	0.938
PMCP3	0	0	0.523	0.408	1.203	0.978	0.689	0.545	0	0.82	0	0.957

beta : 3 2 1.5 0 0 0 0 0

intercept : 0

sample size : 200

simulation time : 100

loss_rate: 0.625

error_independent: TRUE

missing_method: xy

missing_location: 8

lambda_location_for_cv(SCAD): 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50

lambda_location_for_cv(MCP): 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50

file_name: ./data/beta_3_2_n_200_lambda_location_120_50_error_independent_TRUE_x_missing_location_8.Rdata

table_original

	rho	r_sd	L_inf	L_sd	L_1	L_1_sd	L_2	L_2_sd	tn0e0	t0en0	tn0e0_sd	t0en0_sd
FLASSO	0	0	0.123	0.041	0.327	0.122	0.168	0.052	0	2.49	0	1.389
FSCAD	0	0	0.100	0.042	0.206	0.126	0.126	0.058	0	0.42	0	1.056
FMCP	0	0	0.096	0.042	0.194	0.107	0.121	0.055	0	0.28	0	0.712
CLASSO	0	0	0.262	0.085	0.716	0.224	0.364	0.107	0	2.81	0	1.405
CSCAD	0	0	0.184	0.085	0.367	0.193	0.229	0.104	0	0.40	0	0.899
CMCP	0	0	0.181	0.082	0.381	0.222	0.231	0.107	0	0.51	0	1.068
PLASSO	0	0	0.626	0.331	1.648	0.719	0.850	0.419	0	4.03	0	1.077
PSCAD1	0	0	0.478	0.319	1.120	0.786	0.640	0.431	0	0.71	0	1.225
PSCAD2	0	0	0.491	0.321	1.154	0.800	0.657	0.432	0	0.71	0	1.131
PSCAD3	0	0	0.483	0.313	1.164	0.787	0.655	0.423	0	0.84	0	1.170
PMCP1	0	0	0.502	0.301	1.195	0.744	0.681	0.406	0	0.72	0	1.198
PMCP2	0	0	0.512	0.323	1.212	0.803	0.688	0.435	0	0.72	0	1.074
PMCP3	0	0	0.489	0.317	1.163	0.789	0.657	0.426	0	0.79	0	1.076

beta : 3 2 1.5 0 0 0 0 0

intercept : 0

sample size : 500

simulation time : 100

loss_rate: 0.625

error_independent: FALSE

missing_method: xy

missing_location: 1

lambda_location_for_cv(SCAD): 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30

lambda_location_for_cv(MCP): 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30

file_name: ./data/beta_3_2_n_500_lambda_location_l1_30_error_independent_FALSE_x_missing_location_1.Rdata

table_original

	rho	r_sd	L_inf	L_sd	L_1	L_1_sd	L_2	L_2_sd	tn0e0	t0en0	tn0e0_sd	t0en0_sd
FLASSO	0	0	0.079	0.032	0.204	0.097	0.107	0.043	0	1.95	0	1.513
FSCAD	0	0	0.072	0.037	0.158	0.122	0.093	0.053	0	0.60	0	1.421
FMCP	0	0	0.072	0.040	0.153	0.120	0.092	0.056	0	0.35	0	1.048
CLASSO	0	0	0.131	0.044	0.311	0.135	0.171	0.058	0	1.94	0	1.427
CSCAD	0	0	0.107	0.046	0.229	0.148	0.138	0.066	0	0.50	0	1.078
CMCP	0	0	0.108	0.045	0.227	0.136	0.138	0.064	0	0.46	0	0.989
PLASSO	0	0	0.337	0.193	0.915	0.424	0.457	0.238	0	4.33	0	0.805
PSCAD1	0	0	0.277	0.193	0.620	0.509	0.358	0.259	0	0.79	0	1.217
PSCAD2	0	0	0.268	0.181	0.609	0.465	0.350	0.242	0	0.78	0	1.069
PSCAD3	0	0	0.267	0.184	0.608	0.472	0.349	0.246	0	0.78	0	1.069
PMCP1	0	0	0.266	0.181	0.599	0.461	0.347	0.242	0	0.81	0	1.195
PMCP2	0	0	0.270	0.185	0.616	0.473	0.352	0.247	0	0.84	0	1.108
PMCP3	0	0	0.271	0.190	0.617	0.480	0.354	0.253	0	0.80	0	1.064

beta : 3 2 1.5 0 0 0 0 0

intercept : 0

sample size : 500

simulation time : 100

loss_rate: 0.625

error_independent: FALSE

missing_method: xy

missing_location: 3

lambda_location_for_cv(SCAD): 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30

lambda_location_for_cv(MCP): 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30

file_name: ./data/beta_3_2_n_500_lambda_location_l1_30_error_independent_FALSE_x_missing_location_3.Rdata

table_original

	rho	r_sd	L_inf	L_sd	L_1	L_1_sd	L_2	L_2_sd	tn0e0	t0en0	tn0e0_sd	t0en0_sd
FLASSO	0	0	0.091	0.033	0.236	0.107	0.124	0.046	0	2.04	0	1.556
FSCAD	0	0	0.083	0.036	0.183	0.103	0.108	0.051	0	0.64	0	1.259
FMCP	0	0	0.083	0.038	0.182	0.108	0.109	0.053	0	0.48	0	1.030
CLASSO	0	0	0.150	0.048	0.361	0.151	0.197	0.064	0	2.00	0	1.443
CSCAD	0	0	0.121	0.054	0.258	0.152	0.157	0.075	0	0.48	0	0.979
CMCP	0	0	0.121	0.053	0.259	0.156	0.156	0.074	0	0.45	0	1.009
PLASSO	0	0	0.350	0.179	0.963	0.412	0.484	0.232	0	4.17	0	0.922
PSCAD1	0	0	0.270	0.158	0.645	0.431	0.363	0.215	0	0.86	0	1.333
PSCAD2	0	0	0.280	0.161	0.679	0.447	0.379	0.218	0	0.87	0	1.203
PSCAD3	0	0	0.274	0.161	0.664	0.443	0.369	0.218	0	0.87	0	1.125
PMCP1	0	0	0.270	0.166	0.641	0.447	0.361	0.225	0	0.88	0	1.313
PMCP2	0	0	0.276	0.165	0.671	0.450	0.373	0.225	0	0.92	0	1.195
PMCP3	0	0	0.277	0.165	0.674	0.451	0.374	0.224	0	0.89	0	1.118

beta : 3 2 1.5 0 0 0 0 0

intercept : 0

sample size : 500

simulation time : 100

loss_rate: 0.625

error_independent: FALSE

missing_method: xy

missing_location: 8

lambda_location_for_cv(SCAD): 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30

lambda_location_for_cv(MCP): 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30

file_name: ./data/beta_3_2_n_500_lambda_location_l1_30_error_independent_FALSE_x_missing_location_8.Rdata

table_original

	rho	r_sd	L_inf	L_sd	L_1	L_1_sd	L_2	L_2_sd	tn0e0	t0en0	tn0e0_sd	t0en0_sd
FLASSO	0	0	0.084	0.032	0.218	0.112	0.114	0.046	0	1.80	0	1.407
FSCAD	0	0	0.069	0.034	0.158	0.130	0.091	0.053	0	0.49	0	1.124
FMCP	0	0	0.074	0.037	0.172	0.132	0.098	0.055	0	0.52	0	1.159
CLASSO	0	0	0.175	0.051	0.440	0.165	0.234	0.067	0	2.16	0	1.600
CSCAD	0	0	0.133	0.048	0.290	0.164	0.172	0.071	0	0.65	0	1.282
CMCP	0	0	0.142	0.051	0.307	0.177	0.183	0.077	0	0.55	0	1.167
PLASSO	0	0	0.396	0.212	1.066	0.459	0.537	0.264	0	3.95	0	0.999
PSCAD1	0	0	0.292	0.165	0.708	0.445	0.398	0.227	0	0.83	0	1.181
PSCAD2	0	0	0.288	0.153	0.708	0.442	0.393	0.217	0	0.87	0	1.079
PSCAD3	0	0	0.293	0.157	0.727	0.445	0.404	0.224	0	0.86	0	1.054
PMCP1	0	0	0.290	0.158	0.711	0.447	0.396	0.223	0	0.89	0	1.180
PMCP2	0	0	0.285	0.151	0.703	0.431	0.389	0.212	0	0.89	0	1.053
PMCP3	0	0	0.287	0.148	0.707	0.425	0.393	0.209	0	0.84	0	0.992

beta : 3 2 1.5 0 0 0 0 0

intercept : 0

sample size : 500

simulation time : 100

loss_rate: 0.625

error_independent: TRUE

missing_method: xy

missing_location: 1

lambda_location_for_cv(SCAD): 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30

lambda_location_for_cv(MCP): 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30

file_name: ./data/beta_3_2_n_500_lambda_location_l1_30_error_independent_TRUE_x_missing_location_1.Rdata

table_original

	rho	r_sd	L_inf	L_sd	L_1	L_1_sd	L_2	L_2_sd	tn0e0	t0en0	tn0e0_sd	t0en0_sd
FLASSO	0	0	0.077	0.031	0.204	0.088	0.105	0.039	0	2.45	0	1.452
FSCAD	0	0	0.062	0.029	0.126	0.074	0.078	0.037	0	0.39	0	0.952
FMCP	0	0	0.065	0.029	0.136	0.082	0.083	0.039	0	0.49	0	1.210
CLASSO	0	0	0.145	0.048	0.397	0.126	0.200	0.057	0	2.87	0	1.618
CSCAD	0	0	0.107	0.045	0.214	0.108	0.133	0.057	0	0.44	0	1.095
CMCP	0	0	0.107	0.044	0.214	0.113	0.133	0.058	0	0.32	0	0.851
PLASSO	0	0	0.359	0.214	0.955	0.463	0.485	0.268	0	4.37	0	0.774
PSCAD1	0	0	0.272	0.182	0.619	0.421	0.359	0.237	0	0.71	0	1.336
PSCAD2	0	0	0.275	0.188	0.637	0.433	0.365	0.243	0	0.75	0	1.175
PSCAD3	0	0	0.277	0.188	0.649	0.435	0.369	0.242	0	0.81	0	1.143
PMCP1	0	0	0.289	0.194	0.665	0.437	0.383	0.250	0	0.77	0	1.362
PMCP2	0	0	0.275	0.186	0.645	0.430	0.366	0.239	0	0.80	0	1.101
PMCP3	0	0	0.275	0.187	0.654	0.434	0.366	0.240	0	0.89	0	1.100

beta : 3 2 1.5 0 0 0 0 0

intercept : 0

sample size : 500

simulation time : 100

loss_rate: 0.625

error_independent: TRUE

missing_method: xy

missing_location: 3

lambda_location_for_cv(SCAD): 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30

lambda_location_for_cv(MCP): 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30

file_name: ./data/beta_3_2_n_500_lambda_location_l1_30_error_independent_TRUE_x_missing_location_3.Rdata

table_original

	rho	r_sd	L_inf	L_sd	L_1	L_1_sd	L_2	L_2_sd	tn0e0	t0en0	tn0e0_sd	t0en0_sd
FLASSO	0	0	0.080	0.023	0.221	0.077	0.111	0.030	0	2.70	0	1.487
FSCAD	0	0	0.064	0.026	0.130	0.074	0.080	0.034	0	0.53	0	1.049
FMCP	0	0	0.064	0.026	0.138	0.094	0.081	0.039	0	0.62	0	1.293
CLASSO	0	0	0.173	0.052	0.477	0.126	0.244	0.063	0	2.72	0	1.511
CSCAD	0	0	0.132	0.048	0.278	0.125	0.168	0.060	0	0.49	0	1.150
CMCP	0	0	0.130	0.049	0.280	0.128	0.168	0.062	0	0.52	0	1.105
PLASSO	0	0	0.348	0.204	0.948	0.455	0.479	0.261	0	4.46	0	0.758
PSCAD1	0	0	0.302	0.184	0.691	0.454	0.402	0.248	0	0.61	0	1.043
PSCAD2	0	0	0.303	0.209	0.695	0.521	0.402	0.283	0	0.64	0	1.000
PSCAD3	0	0	0.294	0.206	0.683	0.517	0.392	0.279	0	0.74	0	1.031
PMCP1	0	0	0.307	0.194	0.701	0.478	0.408	0.262	0	0.62	0	1.042
PMCP2	0	0	0.305	0.209	0.716	0.524	0.408	0.283	0	0.76	0	1.026
PMCP3	0	0	0.298	0.210	0.699	0.524	0.399	0.284	0	0.75	0	0.903

beta : 3 2 1.5 0 0 0 0 0

intercept : 0

sample size : 500

simulation time : 100

loss_rate: 0.625

error_independent: TRUE

missing_method: xy

missing_location: 8

lambda_location_for_cv(SCAD): 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30

lambda_location_for_cv(MCP): 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30

file_name: ./data/beta_3_2_n_500_lambda_location_l1_30_error_independent_TRUE_x_missing_location_8.Rdata

table_original

	rho	r_sd	L_inf	L_sd	L_1	L_1_sd	L_2	L_2_sd	tn0e0	t0en0	tn0e0_sd	t0en0_sd
FLASSO	0	0	0.078	0.025	0.205	0.078	0.107	0.032	0	2.29	0	1.499
FSCAD	0	0	0.061	0.023	0.125	0.077	0.076	0.034	0	0.39	0	0.994
FMCP	0	0	0.062	0.024	0.129	0.073	0.078	0.034	0	0.41	0	0.877
CLASSO	0	0	0.198	0.062	0.549	0.151	0.279	0.078	0	2.72	0	1.349
CSCAD	0	0	0.150	0.059	0.331	0.148	0.196	0.075	0	0.56	0	1.157
CMCP	0	0	0.151	0.060	0.328	0.149	0.196	0.076	0	0.40	0	0.974
PLASSO	0	0	0.398	0.207	1.064	0.464	0.544	0.266	0	4.14	0	0.910
PSCAD1	0	0	0.290	0.197	0.674	0.463	0.389	0.259	0	0.68	0	1.238
PSCAD2	0	0	0.281	0.195	0.656	0.474	0.375	0.255	0	0.70	0	1.176
PSCAD3	0	0	0.275	0.191	0.640	0.454	0.367	0.248	0	0.67	0	1.083
PMCP1	0	0	0.287	0.197	0.663	0.460	0.383	0.258	0	0.61	0	1.145
PMCP2	0	0	0.283	0.193	0.658	0.455	0.378	0.250	0	0.67	0	1.092
PMCP3	0	0	0.280	0.198	0.654	0.472	0.374	0.258	0	0.67	0	1.064

beta : 3 2 1.5 0 0 0 0 0

intercept : 0

sample size : 500

simulation time : 100

loss_rate: 0.625

error_independent: TRUE

missing_method: xy

missing_location: 1

lambda_location_for_cv(SCAD): 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50

lambda_location_for_cv(MCP): 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50

file_name: ./data/beta_3_2_n_500_lambda_location_120_50_error_independent_TRUE_x_missing_location_1.Rdata

table_original

	rho	r_sd	L_inf	L_sd	L_1	L_1_sd	L_2	L_2_sd	tn0e0	t0en0	tn0e0_sd	t0en0_sd
FLASSO	0	0	0.077	0.031	0.204	0.088	0.105	0.039	0	2.45	0	1.452
FSCAD	0	0	0.062	0.029	0.126	0.074	0.078	0.037	0	0.39	0	0.952
FMCP	0	0	0.065	0.029	0.136	0.082	0.083	0.039	0	0.49	0	1.210
CLASSO	0	0	0.145	0.048	0.397	0.126	0.200	0.057	0	2.87	0	1.618
CSCAD	0	0	0.107	0.045	0.214	0.108	0.133	0.057	0	0.44	0	1.095
CMCP	0	0	0.107	0.044	0.214	0.113	0.133	0.058	0	0.32	0	0.851
PLASSO	0	0	0.359	0.214	0.955	0.463	0.485	0.268	0	4.37	0	0.774
PSCAD1	0	0	0.272	0.182	0.619	0.421	0.359	0.237	0	0.71	0	1.336
PSCAD2	0	0	0.275	0.188	0.637	0.433	0.365	0.243	0	0.75	0	1.175
PSCAD3	0	0	0.277	0.188	0.649	0.435	0.369	0.242	0	0.81	0	1.143
PMCP1	0	0	0.289	0.194	0.665	0.437	0.383	0.250	0	0.77	0	1.362
PMCP2	0	0	0.275	0.186	0.645	0.430	0.366	0.239	0	0.80	0	1.101
PMCP3	0	0	0.275	0.187	0.654	0.434	0.366	0.240	0	0.89	0	1.100

beta : 3 2 1.5 0 0 0 0 0

intercept : 0

sample size : 500

simulation time : 100

loss_rate: 0.625

error_independent: TRUE

missing_method: xy

missing_location: 3

lambda_location_for_cv(SCAD): 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50

lambda_location_for_cv(MCP): 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50

file_name: ./data/beta_3_2_n_500_lambda_location_120_50_error_independent_TRUE_x_missing_location_3.Rdata

table_original

	rho	r_sd	L_inf	L_sd	L_1	L_1_sd	L_2	L_2_sd	tn0e0	t0en0	tn0e0_sd	t0en0_sd
FLASSO	0	0	0.080	0.023	0.221	0.077	0.111	0.030	0	2.70	0	1.487
FSCAD	0	0	0.064	0.026	0.130	0.074	0.080	0.034	0	0.53	0	1.049
FMCP	0	0	0.064	0.026	0.138	0.094	0.081	0.039	0	0.62	0	1.293
CLASSO	0	0	0.173	0.052	0.477	0.126	0.244	0.063	0	2.72	0	1.511
CSCAD	0	0	0.132	0.048	0.278	0.125	0.168	0.060	0	0.49	0	1.150
CMCP	0	0	0.130	0.049	0.280	0.128	0.168	0.062	0	0.52	0	1.105
PLASSO	0	0	0.348	0.204	0.948	0.455	0.479	0.261	0	4.46	0	0.758
PSCAD1	0	0	0.302	0.184	0.691	0.454	0.402	0.248	0	0.61	0	1.043
PSCAD2	0	0	0.303	0.209	0.695	0.521	0.402	0.283	0	0.64	0	1.000
PSCAD3	0	0	0.294	0.206	0.683	0.517	0.392	0.279	0	0.74	0	1.031
PMCP1	0	0	0.307	0.194	0.701	0.478	0.408	0.262	0	0.62	0	1.042
PMCP2	0	0	0.305	0.209	0.716	0.524	0.408	0.283	0	0.76	0	1.026
PMCP3	0	0	0.298	0.210	0.699	0.524	0.399	0.284	0	0.75	0	0.903