Scenrario_test_160126

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_0.5_n_200_lambda_location_l1_30_error_independent_FALSE_x_missing_location_1.Rdata

table_original

	rho	r_sd	tn0e0	t0en0	sum	tn0e0_sd	t0en0_sd	sum_sd	c-fit	o-fit	u-fit
FLASSO	0	0	0.00	1.86	1.86	0.000	1.484	1.484	0.18	0.82	0.00
FSCAD	0	0	0.01	0.76	0.77	0.100	1.224	1.221	0.57	0.42	0.01
FMCP	0	0	0.00	0.41	0.41	0.000	1.006	1.006	0.76	0.24	0.00
CLASSO	0	0	0.00	2.06	2.06	0.000	1.510	1.510	0.18	0.82	0.00
CSCAD	0	0	0.02	0.92	0.94	0.141	1.161	1.153	0.48	0.50	0.02
CMCP	0	0	0.05	0.51	0.56	0.219	0.904	0.903	0.62	0.33	0.05
PLASSO	0	0	0.00	3.42	3.42	0.000	1.281	1.281	0.03	0.97	0.00
PSCAD1	0	0	0.02	0.85	0.87	0.141	1.274	1.269	0.59	0.39	0.02
PSCAD2	0	0	0.01	0.81	0.82	0.100	1.134	1.132	0.57	0.42	0.01
PSCAD3	0	0	0.01	0.81	0.82	0.100	1.116	1.114	0.55	0.44	0.01
PMCP1	0	0	0.02	0.85	0.87	0.141	1.250	1.244	0.57	0.41	0.02
PMCP2	0	0	0.01	0.85	0.86	0.100	1.123	1.119	0.52	0.47	0.01
PMCP3	0	0	0.02	0.84	0.86	0.141	1.061	1.054	0.49	0.49	0.02

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_0.5_n_200_lambda_location_11_30_error_independent_FALSE_x_missing_location_3.Rdata

table_original

	rho	r_sd	tn0e0	t0en0	sum	tn0e0_sd	t0en0_sd	sum_sd	c-fit	o-fit	u-fit
FLASSO	0	0	0.00	1.68	1.68	0.000	1.222	1.222	0.20	0.80	0.00
FSCAD	0	0	0.00	0.71	0.71	0.000	1.085	1.085	0.58	0.42	0.00
FMCP	0	0	0.00	0.61	0.61	0.000	1.154	1.154	0.67	0.33	0.00
CLASSO	0	0	0.00	2.03	2.03	0.000	1.494	1.494	0.19	0.81	0.00
CSCAD	0	0	0.10	1.35	1.45	0.302	1.351	1.282	0.24	0.66	0.10
CMCP	0	0	0.12	1.13	1.25	0.327	1.574	1.520	0.41	0.47	0.12
PLASSO	0	0	0.01	3.55	3.56	0.100	1.192	1.183	0.01	0.99	0.00
PSCAD1	0	0	0.16	1.06	1.22	0.368	1.324	1.307	0.39	0.50	0.11
PSCAD2	0	0	0.20	1.02	1.22	0.402	1.247	1.252	0.37	0.51	0.12
PSCAD3	0	0	0.21	0.98	1.19	0.409	1.189	1.220	0.36	0.52	0.12
PMCP1	0	0	0.16	1.03	1.19	0.368	1.314	1.316	0.40	0.49	0.11
PMCP2	0	0	0.19	0.98	1.17	0.394	1.197	1.215	0.38	0.51	0.11
PMCP3	0	0	0.19	0.98	1.17	0.394	1.180	1.223	0.38	0.52	0.10

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_0.5_n_200_lambda_location_11_30_error_independent_FALSE_x_missing_location_8.Rdata

table_original

	rho	r_sd	tn0e0	t0en0	sum	tn0e0_sd	t0en0_sd	sum_sd	c-fit	o-fit	u-fit
FLASSO	0	0	0.00	1.71	1.71	0.000	1.493	1.493	0.22	0.78	0.00
FSCAD	0	0	0.00	0.66	0.66	0.000	1.103	1.103	0.60	0.40	0.00
FMCP	0	0	0.00	0.60	0.60	0.000	1.279	1.279	0.73	0.27	0.00
CLASSO	0	0	0.00	2.08	2.08	0.000	1.361	1.361	0.11	0.89	0.00
CSCAD	0	0	0.03	1.00	1.03	0.171	0.943	0.926	0.30	0.67	0.03
CMCP	0	0	0.05	0.82	0.87	0.219	1.149	1.134	0.45	0.50	0.05
PLASSO	0	0	0.00	3.26	3.26	0.000	1.300	1.300	0.01	0.99	0.00
PSCAD1	0	0	0.06	0.86	0.92	0.239	1.247	1.236	0.51	0.44	0.05
PSCAD2	0	0	0.04	0.84	0.88	0.197	1.108	1.104	0.48	0.49	0.03
PSCAD3	0	0	0.04	0.84	0.88	0.197	1.042	1.037	0.46	0.51	0.03
PMCP1	0	0	0.06	0.85	0.91	0.239	1.218	1.207	0.50	0.45	0.05
PMCP2	0	0	0.04	0.80	0.84	0.197	1.064	1.061	0.49	0.48	0.03
PMCP3	0	0	0.05	0.84	0.89	0.219	1.080	1.072	0.46	0.50	0.04

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_0.5_n_200_lambda_location_11_30_error_independent_TRUE_x_missing_location_1.Rdata

table_original

	rho	r_sd	tn0e0	t0en0	sum	tn0e0_sd	t0en0_sd	sum_sd	c-fit	o-fit	u-fit
FLASSO	0	0	0.00	2.24	2.24	0.000	1.450	1.450	0.12	0.88	0.00
FSCAD	0	0	0.00	0.78	0.78	0.000	1.133	1.133	0.54	0.46	0.00
FMCP	0	0	0.00	0.52	0.52	0.000	1.123	1.123	0.74	0.26	0.00
CLASSO	0	0	0.00	2.41	2.41	0.000	1.571	1.571	0.12	0.88	0.00
CSCAD	0	0	0.01	0.87	0.88	0.100	1.143	1.140	0.51	0.48	0.01
CMCP	0	0	0.01	0.70	0.71	0.100	1.185	1.183	0.63	0.36	0.01
PLASSO	0	0	0.00	3.45	3.45	0.000	1.149	1.149	0.00	1.00	0.00
PSCAD1	0	0	0.01	0.59	0.60	0.100	1.065	1.064	0.68	0.31	0.01
PSCAD2	0	0	0.02	0.54	0.56	0.141	0.958	0.957	0.68	0.30	0.02
PSCAD3	0	0	0.01	0.51	0.52	0.100	0.904	0.904	0.69	0.30	0.01
PMCP1	0	0	0.01	0.61	0.62	0.100	1.063	1.062	0.65	0.34	0.01
PMCP2	0	0	0.01	0.49	0.50	0.100	0.847	0.847	0.67	0.32	0.01
PMCP3	0	0	0.02	0.51	0.53	0.141	0.847	0.846	0.64	0.34	0.02

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_0.5_n_200_lambda_location_11_30_error_independent_TRUE_x_missing_location_3.Rdata

table_original

	rho	r_sd	tn0e0	t0en0	sum	tn0e0_sd	t0en0_sd	sum_sd	c-fit	o-fit	u-fit
FLASSO	0	0	0.00	2.56	2.56	0.000	1.520	1.520	0.12	0.88	0.00
FSCAD	0	0	0.00	0.78	0.78	0.000	1.079	1.079	0.55	0.45	0.00
FMCP	0	0	0.00	0.55	0.55	0.000	1.104	1.104	0.70	0.30	0.00
CLASSO	0	0	0.01	2.73	2.74	0.100	1.588	1.574	0.09	0.90	0.01
CSCAD	0	0	0.13	0.98	1.11	0.338	1.271	1.214	0.36	0.51	0.13
CMCP	0	0	0.16	0.66	0.82	0.368	1.139	1.104	0.46	0.38	0.16
PLASSO	0	0	0.03	3.63	3.66	0.171	1.125	1.094	0.00	1.00	0.00
PSCAD1	0	0	0.22	0.88	1.10	0.416	1.166	1.068	0.30	0.48	0.22
PSCAD2	0	0	0.18	0.69	0.87	0.386	1.116	1.070	0.45	0.37	0.18
PSCAD3	0	0	0.16	0.72	0.88	0.368	1.092	1.047	0.45	0.39	0.16
PMCP1	0	0	0.21	0.88	1.09	0.409	1.140	1.065	0.31	0.49	0.20
PMCP2	0	0	0.19	0.75	0.94	0.394	0.999	0.983	0.39	0.45	0.16
PMCP3	0	0	0.16	0.72	0.88	0.368	0.975	0.967	0.43	0.44	0.13

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_0.5_n_200_lambda_location_11_30_error_independent_TRUE_x_missing_location_8.Rdata

table_original

	rho	r_sd	tn0e0	t0en0	sum	tn0e0_sd	t0en0_sd	sum_sd	c-fit	o-fit	u-fit
FLASSO	0	0	0.00	2.52	2.52	0.000	1.586	1.586	0.08	0.92	0.00
FSCAD	0	0	0.00	1.02	1.02	0.000	1.497	1.497	0.57	0.43	0.00
FMCP	0	0	0.00	0.84	0.84	0.000	1.482	1.482	0.64	0.36	0.00
CLASSO	0	0	0.00	2.87	2.87	0.000	1.447	1.447	0.03	0.97	0.00
CSCAD	0	0	0.01	1.49	1.50	0.100	1.432	1.425	0.28	0.71	0.01
CMCP	0	0	0.02	0.91	0.93	0.141	1.326	1.320	0.49	0.49	0.02
PLASSO	0	0	0.00	3.71	3.71	0.000	1.183	1.183	0.00	1.00	0.00
PSCAD1	0	0	0.02	1.02	1.04	0.141	1.239	1.230	0.46	0.52	0.02
PSCAD2	0	0	0.02	0.87	0.89	0.141	1.152	1.145	0.50	0.48	0.02
PSCAD3	0	0	0.02	0.89	0.91	0.141	1.127	1.120	0.48	0.50	0.02
PMCP1	0	0	0.02	0.97	0.99	0.141	1.218	1.210	0.47	0.51	0.02
PMCP2	0	0	0.02	0.92	0.94	0.141	1.152	1.144	0.47	0.51	0.02
PMCP3	0	0	0.02	0.91	0.93	0.141	1.074	1.066	0.44	0.54	0.02

beta : 3 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_3_1.5_0.5_n_200_lambda_location_11_30_error_independent_FALSE_x_missing_location_1.Rdata

table_original

	rho	r_sd	tn0e0	t0en0	sum	tn0e0_sd	t0en0_sd	sum_sd	c-fit	o-fit	u-fit
FLASSO	0	0	0.00	1.94	1.94	0.000	1.582	1.582	0.23	0.77	0.00
FSCAD	0	0	0.00	0.89	0.89	0.000	1.435	1.435	0.58	0.42	0.00
FMCP	0	0	0.00	0.83	0.83	0.000	1.457	1.457	0.65	0.35	0.00
CLASSO	0	0	0.00	2.01	2.01	0.000	1.554	1.554	0.19	0.81	0.00
CSCAD	0	0	0.02	1.07	1.09	0.141	1.305	1.303	0.42	0.57	0.01
CMCP	0	0	0.01	0.69	0.70	0.100	1.285	1.291	0.65	0.35	0.00
PLASSO	0	0	0.00	3.98	3.98	0.000	1.110	1.110	0.02	0.98	0.00
PSCAD1	0	0	0.02	1.04	1.06	0.141	1.449	1.441	0.51	0.47	0.02
PSCAD2	0	0	0.03	1.06	1.09	0.171	1.347	1.364	0.47	0.51	0.02
PSCAD3	0	0	0.03	1.09	1.12	0.171	1.342	1.358	0.45	0.53	0.02
PMCP1	0	0	0.02	1.04	1.06	0.141	1.428	1.420	0.50	0.48	0.02
PMCP2	0	0	0.03	1.08	1.11	0.171	1.390	1.406	0.45	0.53	0.02
PMCP3	0	0	0.02	1.04	1.06	0.141	1.263	1.286	0.44	0.55	0.01

beta : 3 1.5 0.5 0 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_1.5_0.5_n_200_lambda_location_11_30_error_independent_FALSE_x_missing_location_3.Rdata

table_original

	rho	r_sd	tn0e0	t0en0	sum	tn0e0_sd	t0en0_sd	sum_sd	c-fit	o-fit	u-fit
FLASSO	0	0	0.00	2.03	2.03	0.000	1.660	1.660	0.24	0.76	0.00
FSCAD	0	0	0.00	0.73	0.73	0.000	1.188	1.188	0.62	0.38	0.00
FMCP	0	0	0.00	0.74	0.74	0.000	1.481	1.481	0.72	0.28	0.00
CLASSO	0	0	0.00	2.22	2.22	0.000	1.586	1.586	0.11	0.89	0.00
CSCAD	0	0	0.10	1.56	1.66	0.302	1.578	1.506	0.21	0.69	0.10
CMCP	0	0	0.16	1.12	1.28	0.368	1.430	1.371	0.31	0.54	0.15
PLASSO	0	0	0.01	3.75	3.76	0.100	1.077	1.074	0.01	0.99	0.00
PSCAD1	0	0	0.20	1.00	1.20	0.402	1.303	1.271	0.37	0.46	0.17
PSCAD2	0	0	0.19	0.95	1.14	0.394	1.149	1.146	0.35	0.51	0.14
PSCAD3	0	0	0.19	0.94	1.13	0.394	1.043	1.041	0.32	0.55	0.13
PMCP1	0	0	0.20	0.97	1.17	0.402	1.314	1.280	0.38	0.45	0.17
PMCP2	0	0	0.20	0.99	1.19	0.402	1.168	1.178	0.34	0.54	0.12
PMCP3	0	0	0.20	0.97	1.17	0.402	1.077	1.092	0.31	0.57	0.12

beta : 3 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_3_1.5_0.5_n_200_lambda_location_11_30_error_independent_FALSE_x_missing_location_8.Rdata

table_original

	rho	r_sd	tn0e0	t0en0	sum	tn0e0_sd	t0en0_sd	sum_sd	c-fit	o-fit	u-fit
FLASSO	0	0	0.00	1.88	1.88	0.000	1.320	1.320	0.16	0.84	0.00
FSCAD	0	0	0.00	0.84	0.84	0.000	1.261	1.261	0.54	0.46	0.00
FMCP	0	0	0.00	0.63	0.63	0.000	1.134	1.134	0.66	0.34	0.00
CLASSO	0	0	0.00	2.11	2.11	0.000	1.517	1.517	0.14	0.86	0.00
CSCAD	0	0	0.03	1.33	1.36	0.171	1.464	1.446	0.33	0.64	0.03
CMCP	0	0	0.05	0.90	0.95	0.219	1.411	1.395	0.50	0.45	0.05
PLASSO	0	0	0.00	3.60	3.60	0.000	1.206	1.206	0.00	1.00	0.00
PSCAD1	0	0	0.02	0.67	0.69	0.141	1.083	1.080	0.61	0.37	0.02
PSCAD2	0	0	0.02	0.67	0.69	0.141	1.016	1.012	0.58	0.40	0.02
PSCAD3	0	0	0.02	0.63	0.65	0.141	0.950	0.947	0.57	0.41	0.02
PMCP1	0	0	0.02	0.67	0.69	0.141	1.064	1.061	0.60	0.38	0.02
PMCP2	0	0	0.02	0.65	0.67	0.141	0.957	0.954	0.57	0.41	0.02
PMCP3	0	0	0.02	0.66	0.68	0.141	0.901	0.898	0.53	0.45	0.02

beta : 3 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_3_1.5_0.5_n_200_lambda_location_l1_30_error_independent_TRUE_x_missing_location_1.Rdata

table_original

	rho	r_sd	tn0e0	t0en0	sum	tn0e0_sd	t0en0_sd	sum_sd	c-fit	o-fit	u-fit
FLASSO	0	0	0.00	2.73	2.73	0.0	1.448	1.448	0.06	0.94	0.00
FSCAD	0	0	0.00	0.90	0.90	0.0	1.374	1.374	0.58	0.42	0.00
FMCP	0	0	0.00	0.67	0.67	0.0	1.215	1.215	0.67	0.33	0.00
CLASSO	0	0	0.00	2.69	2.69	0.0	1.489	1.489	0.07	0.93	0.00
CSCAD	0	0	0.00	1.35	1.35	0.0	1.533	1.533	0.37	0.63	0.00
CMCP	0	0	0.00	0.78	0.78	0.0	1.338	1.338	0.60	0.40	0.00
PLASSO	0	0	0.00	4.06	4.06	0.0	1.033	1.033	0.00	1.00	0.00
PSCAD1	0	0	0.01	0.91	0.92	0.1	1.256	1.253	0.56	0.43	0.01
PSCAD2	0	0	0.01	0.79	0.80	0.1	1.166	1.163	0.60	0.39	0.01
PSCAD3	0	0	0.01	0.73	0.74	0.1	1.100	1.097	0.62	0.37	0.01
PMCP1	0	0	0.01	0.83	0.84	0.1	1.207	1.204	0.59	0.40	0.01
PMCP2	0	0	0.01	0.78	0.79	0.1	1.142	1.140	0.61	0.38	0.01
PMCP3	0	0	0.01	0.75	0.76	0.1	1.058	1.055	0.58	0.41	0.01

beta : 3 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_3_1.5_0.5_n_200_lambda_location_11_30_error_independent_TRUE_x_missing_location_3.Rdata

table_original

	rho	r_sd	tn0e0	t0en0	sum	tn0e0_sd	t0en0_sd	sum_sd	c-fit	o-fit	u-fit
FLASSO	0	0	0.00	2.63	2.63	0.000	1.662	1.662	0.11	0.89	0.00
FSCAD	0	0	0.00	0.98	0.98	0.000	1.470	1.470	0.54	0.46	0.00
FMCP	0	0	0.00	0.88	0.88	0.000	1.533	1.533	0.62	0.38	0.00
CLASSO	0	0	0.03	2.66	2.69	0.171	1.506	1.502	0.06	0.94	0.00
CSCAD	0	0	0.12	1.23	1.35	0.327	1.434	1.366	0.29	0.59	0.12
CMCP	0	0	0.19	0.83	1.02	0.394	1.407	1.348	0.43	0.38	0.19
PLASSO	0	0	0.01	3.90	3.91	0.100	0.969	0.975	0.00	1.00	0.00
PSCAD1	0	0	0.27	1.07	1.34	0.446	1.380	1.281	0.26	0.51	0.23
PSCAD2	0	0	0.24	0.95	1.19	0.429	1.184	1.125	0.28	0.54	0.18
PSCAD3	0	0	0.24	0.90	1.14	0.429	1.106	1.101	0.28	0.55	0.17
PMCP1	0	0	0.26	1.10	1.36	0.441	1.352	1.267	0.26	0.54	0.20
PMCP2	0	0	0.24	0.89	1.13	0.429	1.081	1.079	0.30	0.54	0.16
PMCP3	0	0	0.25	0.92	1.17	0.435	1.116	1.155	0.30	0.55	0.15

beta : 3 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_3_1.5_0.5_n_200_lambda_location_11_30_error_independent_TRUE_x_missing_location_8.Rdata

table_original

	rho	r_sd	tn0e0	t0en0	sum	tn0e0_sd	t0en0_sd	sum_sd	c-fit	o-fit	u-fit
FLASSO	0	0	0.00	2.41	2.41	0.000	1.583	1.583	0.11	0.89	0.00
FSCAD	0	0	0.00	0.79	0.79	0.000	1.328	1.328	0.62	0.38	0.00
FMCP	0	0	0.00	0.65	0.65	0.000	1.321	1.321	0.71	0.29	0.00
CLASSO	0	0	0.00	2.78	2.78	0.000	1.567	1.567	0.10	0.90	0.00
CSCAD	0	0	0.00	1.17	1.17	0.000	1.393	1.393	0.40	0.60	0.00
CMCP	0	0	0.01	0.78	0.79	0.000	1.353	1.351	0.63	0.36	0.01
PLASSO	0	0	0.00	3.89	3.89	0.000	1.100	1.100	0.01	0.99	0.00
PSCAD1	0	0	0.03	0.86	0.89	0.171	1.172	1.163	0.52	0.45	0.03
PSCAD2	0	0	0.03	0.88	0.91	0.171	1.217	1.207	0.54	0.43	0.03
PSCAD3	0	0	0.03	0.87	0.90	0.171	1.169	1.159	0.52	0.45	0.03
PMCP1	0	0	0.03	0.80	0.83	0.171	1.110	1.101	0.54	0.43	0.03
PMCP2	0	0	0.03	0.84	0.87	0.171	1.108	1.098	0.50	0.47	0.03
PMCP3	0	0	0.03	0.76	0.79	0.171	1.006	0.998	0.50	0.47	0.03

beta : 3 2 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_3_2_0.5_n_200_lambda_location_l1_30_error_independent_FALSE_x_missing_location_1.Rdata

table_original

	rho	r_sd	tn0e0	t0en0	sum	tn0e0_sd	t0en0_sd	sum_sd	c-fit	o-fit	u-fit
FLASSO	0	0	0.00	1.82	1.82	0.000	1.579	1.579	0.26	0.74	0.00
FSCAD	0	0	0.00	0.61	0.61	0.000	1.127	1.127	0.68	0.32	0.00
FMCP	0	0	0.00	0.56	0.56	0.000	1.122	1.122	0.72	0.28	0.00
CLASSO	0	0	0.00	1.91	1.91	0.000	1.590	1.590	0.24	0.76	0.00
CSCAD	0	0	0.03	0.94	0.97	0.171	1.246	1.243	0.49	0.49	0.02
CMCP	0	0	0.02	0.74	0.76	0.141	1.284	1.288	0.61	0.38	0.01
PLASSO	0	0	0.00	3.55	3.55	0.000	1.218	1.218	0.01	0.99	0.00
PSCAD1	0	0	0.02	0.72	0.74	0.141	1.092	1.088	0.60	0.38	0.02
PSCAD2	0	0	0.02	0.73	0.75	0.141	1.004	1.029	0.55	0.44	0.01
PSCAD3	0	0	0.03	0.72	0.75	0.171	0.965	0.989	0.53	0.45	0.02
PMCP1	0	0	0.03	0.73	0.76	0.171	1.081	1.074	0.57	0.40	0.03
PMCP2	0	0	0.03	0.68	0.71	0.171	0.920	0.946	0.55	0.43	0.02
PMCP3	0	0	0.02	0.72	0.74	0.141	0.954	0.981	0.54	0.45	0.01

beta : 3 2 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_3_2_0.5_n_200_lambda_location_l1_30_error_independent_FALSE_x_missing_location_3.Rdata

table_original

	rho	r_sd	tn0e0	t0en0	sum	tn0e0_sd	t0en0_sd	sum_sd	c-fit	o-fit	u-fit
FLASSO	0	0	0.00	1.97	1.97	0.000	1.403	1.403	0.18	0.82	0.00
FSCAD	0	0	0.00	0.71	0.71	0.000	1.233	1.233	0.63	0.37	0.00
FMCP	0	0	0.00	0.52	0.52	0.000	1.185	1.185	0.76	0.24	0.00
CLASSO	0	0	0.01	1.89	1.90	0.100	1.530	1.541	0.21	0.79	0.00
CSCAD	0	0	0.12	1.20	1.32	0.327	1.255	1.188	0.25	0.64	0.11
CMCP	0	0	0.19	0.74	0.93	0.394	1.203	1.157	0.42	0.40	0.18
PLASSO	0	0	0.03	3.67	3.70	0.171	1.111	1.124	0.01	0.99	0.00
PSCAD1	0	0	0.19	0.88	1.07	0.394	1.233	1.183	0.41	0.42	0.17
PSCAD2	0	0	0.20	0.83	1.03	0.402	1.138	1.167	0.43	0.44	0.13
PSCAD3	0	0	0.20	0.85	1.05	0.402	1.067	1.086	0.38	0.49	0.13
PMCP1	0	0	0.19	0.82	1.01	0.394	1.132	1.078	0.40	0.43	0.17
PMCP2	0	0	0.19	0.92	1.11	0.394	1.169	1.171	0.37	0.50	0.13
PMCP3	0	0	0.20	0.81	1.01	0.402	1.042	1.068	0.41	0.47	0.12

beta : 3 2 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_3_2_0.5_n_200_lambda_location_l1_30_error_independent_FALSE_x_missing_location_8.Rdata

table_original

	rho	r_sd	tn0e0	t0en0	sum	tn0e0_sd	t0en0_sd	sum_sd	c-fit	o-fit	u-fit
FLASSO	0	0	0.00	2.09	2.09	0.000	1.545	1.545	0.18	0.82	0.00
FSCAD	0	0	0.00	0.86	0.86	0.000	1.239	1.239	0.52	0.48	0.00
FMCP	0	0	0.00	0.71	0.71	0.000	1.373	1.373	0.69	0.31	0.00
CLASSO	0	0	0.00	2.27	2.27	0.000	1.448	1.448	0.10	0.90	0.00
CSCAD	0	0	0.01	1.35	1.36	0.100	1.395	1.389	0.36	0.63	0.01
CMCP	0	0	0.04	1.07	1.11	0.197	1.465	1.449	0.47	0.49	0.04
PLASSO	0	0	0.00	3.64	3.64	0.000	1.087	1.087	0.00	1.00	0.00
PSCAD1	0	0	0.02	0.87	0.89	0.141	1.160	1.154	0.55	0.43	0.02
PSCAD2	0	0	0.02	0.88	0.90	0.141	1.140	1.142	0.52	0.47	0.01
PSCAD3	0	0	0.03	0.87	0.90	0.171	1.143	1.142	0.51	0.47	0.02
PMCP1	0	0	0.04	0.85	0.89	0.197	1.149	1.136	0.53	0.43	0.04
PMCP2	0	0	0.02	0.74	0.76	0.141	1.001	1.006	0.56	0.43	0.01
PMCP3	0	0	0.04	0.74	0.78	0.197	0.960	0.960	0.53	0.44	0.03

beta : 3 2 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_3_2_0.5_n_200_lambda_location_l1_30_error_independent_TRUE_x_missing_location_1.Rdata

table_original

	rho	r_sd	tn0e0	t0en0	sum	tn0e0_sd	t0en0_sd	sum_sd	c-fit	o-fit	u-fit
FLASSO	0	0	0	2.67	2.67	0	1.525	1.525	0.08	0.92	0
FSCAD	0	0	0	0.84	0.84	0	1.261	1.261	0.54	0.46	0
FMCP	0	0	0	0.75	0.75	0	1.438	1.438	0.67	0.33	0
CLASSO	0	0	0	2.50	2.50	0	1.501	1.501	0.11	0.89	0
CSCAD	0	0	0	1.28	1.28	0	1.505	1.505	0.40	0.60	0
CMCP	0	0	0	0.57	0.57	0	1.018	1.018	0.65	0.35	0
PLASSO	0	0	0	4.17	4.17	0	0.877	0.877	0.00	1.00	0
PSCAD1	0	0	0	0.88	0.88	0	1.200	1.200	0.56	0.44	0
PSCAD2	0	0	0	0.71	0.71	0	0.998	0.998	0.58	0.42	0
PSCAD3	0	0	0	0.69	0.69	0	0.971	0.971	0.58	0.42	0
PMCP1	0	0	0	0.76	0.76	0	1.065	1.065	0.58	0.42	0
PMCP2	0	0	0	0.73	0.73	0	0.993	0.993	0.57	0.43	0
PMCP3	0	0	0	0.77	0.77	0	1.033	1.033	0.55	0.45	0

beta : 3 2 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_3_2_0.5_n_200_lambda_location_l1_30_error_independent_TRUE_x_missing_location_3.Rdata

table_original

	rho	r_sd	tn0e0	t0en0	sum	tn0e0_sd	t0en0_sd	sum_sd	c-fit	o-fit	u-fit
FLASSO	0	0	0.00	2.54	2.54	0.000	1.410	1.410	0.07	0.93	0.00
FSCAD	0	0	0.00	0.98	0.98	0.000	1.504	1.504	0.54	0.46	0.00
FMCP	0	0	0.00	0.74	0.74	0.000	1.397	1.397	0.67	0.33	0.00
CLASSO	0	0	0.01	2.58	2.59	0.100	1.558	1.545	0.08	0.91	0.01
CSCAD	0	0	0.16	1.09	1.25	0.368	1.364	1.290	0.32	0.53	0.15
CMCP	0	0	0.13	0.93	1.06	0.338	1.380	1.332	0.42	0.45	0.13
PLASSO	0	0	0.00	4.06	4.06	0.000	1.062	1.062	0.02	0.98	0.00
PSCAD1	0	0	0.22	0.97	1.19	0.416	1.218	1.161	0.30	0.52	0.18
PSCAD2	0	0	0.21	0.78	0.99	0.409	1.011	1.010	0.36	0.49	0.15
PSCAD3	0	0	0.20	0.83	1.03	0.402	1.035	1.020	0.35	0.51	0.14
PMCP1	0	0	0.23	0.88	1.11	0.423	1.157	1.100	0.32	0.49	0.19
PMCP2	0	0	0.18	0.85	1.03	0.386	1.048	1.039	0.35	0.53	0.12
PMCP3	0	0	0.19	0.83	1.02	0.394	0.985	0.995	0.35	0.54	0.11

beta : 3 2 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_3_2_0.5_n_200_lambda_location_l1_30_error_independent_TRUE_x_missing_location_8.Rdata

table_original

	rho	r_sd	tn0e0	t0en0	sum	tn0e0_sd	t0en0_sd	sum_sd	c-fit	o-fit	u-fit
FLASSO	0	0	0.00	2.37	2.37	0.000	1.509	1.509	0.13	0.87	0.00
FSCAD	0	0	0.00	0.74	0.74	0.000	1.194	1.194	0.60	0.40	0.00
FMCP	0	0	0.00	0.56	0.56	0.000	1.076	1.076	0.69	0.31	0.00
CLASSO	0	0	0.00	2.73	2.73	0.000	1.462	1.462	0.06	0.94	0.00
CSCAD	0	0	0.01	1.12	1.13	0.100	1.241	1.236	0.35	0.64	0.01
CMCP	0	0	0.02	0.93	0.95	0.141	1.358	1.351	0.52	0.46	0.02
PLASSO	0	0	0.00	3.73	3.73	0.000	1.072	1.072	0.00	1.00	0.00
PSCAD1	0	0	0.04	0.77	0.81	0.197	1.213	1.203	0.58	0.38	0.04
PSCAD2	0	0	0.02	0.71	0.73	0.141	1.131	1.127	0.62	0.36	0.02
PSCAD3	0	0	0.01	0.77	0.78	0.100	1.136	1.133	0.59	0.40	0.01
PMCP1	0	0	0.03	0.74	0.77	0.171	1.169	1.162	0.59	0.38	0.03
PMCP2	0	0	0.02	0.70	0.72	0.141	1.078	1.074	0.59	0.39	0.02
PMCP3	0	0	0.02	0.77	0.79	0.141	1.127	1.122	0.57	0.41	0.02