$Scenrario_test_160105$

 $\mathrm{beta}: 3\ 1.5\ 0.5\ 0\ 0\ 0\ 0$

intercept: 0

sample size: 200

simulation time: 100

loss_rate: 0.625

error_independent: TRUE

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

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

	$^{\mathrm{rho}}$	r_sd	tn0e0	t0en0	sam	${\rm tn}0{\rm e}0_{\rm sd}$	$t0 \mathrm{en}0_\mathrm{sd}$	ps_ms	c-fit	o-fit	u-fit
FLASSO	0	0	0.00	2.73	2.73	0.000	1.448	1.448	90.0	0.94	0.00
FSCAD	0	0	0.00	0.90	06.0	0.000	1.374	1.374	0.58	0.42	0.00
$_{ m FMCP}$	0	0	0.00	0.67	0.67	0.000	1.215	1.215	0.67	0.33	0.00
CLASSO	0	0	0.00	2.69	2.69	0.000	1.489	1.489	0.07	0.93	0.00
CSCAD	0	0	0.00	1.35	1.35	0.000	1.533	1.533	0.37	0.63	0.00
$_{ m CMCP}$	0	0	0.00	0.78	0.78	0.000	1.338	1.338	0.00	0.40	0.00
PLASSO	0	0	0.00	4.06	4.06	0.000	1.033	1.033	0.00	1.00	0.00
PSCAD1	0	0	0.18	0.00	0.18	0.386	0.000	0.386	0.82	0.00	0.18
PSCAD2	0	0	0.21	0.00	0.21	0.409	0.000	0.409	0.79	0.00	0.21
PSCAD3	0	0	0.22	0.00	0.22	0.416	0.000	0.416	0.78	0.00	0.22
PMCP1	0	0	0.17	0.02	0.19	0.378	0.141	0.394	0.81	0.02	0.17
PMCP2	0	0	0.17	0.00	0.17	0.378	0.000	0.378	0.83	0.00	0.17
PMCP3	0	0	0.19	0.00	0.19	0.394	0.000	0.394	0.81	0.00	0.19

table_original

 $\mathrm{beta}: 3\ 1.5\ 0.5\ 0\ 0\ 0\ 0$

intercept: 0

sample size: 200

simulation time: 100

loss_rate: 0.625

error_independent: TRUE

missing_method: xy

missing_location: 3

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

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

 $file_name: ./data/beta_3_2_0.5_n_200_lambda_location_11_30_error_independent_TRUE_x_missing_location_3.Rdata_location_3.Rda$ table_original

rho r_sd t FLASSO 0 0 FSCAD 0 0 FMCP 0 0 CLASSO 0 0 CSCAD 0 0 CMCP 0 0 PLASSO 0 0 PSCADI 0 0	tn0e0 0.00	t0en0	sum	$tn0e0_sd$	t0en0 sd	ps mns	c-fit	o-fit	u-fit
FLASSO 0 0 FSCAD 0 0 FMCP 0 0 CLASSO 0 0 CSCAD 0 0 CMCP 0 0 PLASSO 0 0 PSCADI 0 0 PSCADI 0 0 PSCADI 0 0	0.00								
FSCAD 0 0 FMCP 0 0 CLASSO 0 0 CSCAD 0 0 CMCP 0 0 PLASSO 0 0 PSCAD1 0 0 PSCAD2 0 0 PSCAD3 0 0	000	2.63	2.63	0.000	1.662	1.662	0.11	0.89	0.00
FMCP 0 0 CLASSO 0 0 CSCAD 0 0 CMCP 0 0 PLASSO 0 0 PSCAD1 0 0 PSCAD2 0 0 PSCAD3 0 0	0.00	0.98	86.0	0.000	1.470	1.470	0.54	0.46	0.00
CLASSO 0 0 CSCAD 0 0 CMCP 0 0 PLASSO 0 0 PSCAD1 0 0 PSCAD2 0 0 PSCAD3 0 0	0.00	0.88	0.88	0.000	1.533	1.533	0.62	0.38	0.00
CSCAD 0 0 CMCP 0 0 PLASSO 0 0 PSCAD1 0 0 PSCAD2 0 0 PSCAD3 0 0	0.03	2.66	2.69	0.171	1.506	1.502	90.0	0.94	0.00
CMCP 0 0 PLASSO 0 0 PSCAD1 0 0 PSCAD2 0 0 PSCAD3 0 0	0.12	1.23	1.35	0.327	1.434	1.366	0.29	0.59	0.12
PLASSO 0 0 PSCAD1 0 0 PSCAD2 0 0 PSCAD3 0 0	0.19	0.83	1.02	0.394	1.407	1.348	0.43	0.38	0.19
PSCAD1 0 0 PSCAD2 0 0 PSCAD3 0 0 PMCP1 0 0	0.01	3.90	3.91	0.100	0.969	0.975	0.00	1.00	0.00
PSCAD2 0 0 PSCAD3 0 0 PMCP1 0 0	0.99	0.00	0.99	0.100	0.000	0.100	0.01	0.00	0.99
PSCAD3 0 0	1.00	0.00	1.00	0.000	0.000	0.000	0.00	0.00	1.00
PMCP1 0 0	1.00	0.00	1.00	0.000	0.000	0.000	0.00	0.00	1.00
	0.97	0.00	0.97	0.171	0.000	0.171	0.03	0.00	0.97
PMCP2 $0 0$	0.97	0.00	0.97	0.171	0.000	0.171	0.03	0.00	0.97
$PMCP3 \qquad 0 \qquad 0$	0.97	0.00	0.97	0.171	0.000	0.171	0.03	0.00	0.97

 $\mathrm{beta}: 3\ 1.5\ 0.5\ 0\ 0\ 0\ 0$

intercept: 0

sample size: 200

simulation time: 100

 $loss_rate:\ 0.625$

error_independent: TRUE

missing_method: xy

missing_location: 8

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

 $file_name: ./data/beta_3_2_0.5_n_200_lambda_location_11_30_error_independent_TRUE_x_missing_location_8.Rdata_location_8.Rda$ $lambda_location_for_cv(MCP); 1\ 2\ 3\ 4\ 5\ 6\ 7\ 8\ 9\ 10\ 11\ 12\ 13\ 14\ 15\ 16\ 17\ 18\ 19\ 20\ 21\ 22\ 23\ 24\ 25\ 26\ 27\ 28\ 29\ 30$

	$^{\mathrm{rho}}$	$\mathbf{r}_{-}\mathbf{sd}$	tn0e0	t0en0	sam	$tn0e0_sd$	$t0en0_sd$	ps_ms	c-fit	o-fit	n-fi
FLASSO	0	0	0.00	2.41	2.41	0.000	1.583	1.583	0.11	0.89	0.0
FSCAD	0	0	0.00	0.79	0.79	0.000	1.328	1.328	0.62	0.38	0.0
$_{ m FMCP}$	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	0.0
CMCP	0	0	0.01	0.78	0.79	0.100	1.353	1.351	0.63	0.36	0.0
PLASSO	0	0	0.00	3.89	3.89	0.000	1.100	1.100	0.01	0.99	0.0
PSCAD1	0	0	0.52	0.00	0.52	0.502	0.000	0.502	0.48	0.00	0.5
PSCAD2	0	0	0.59	0.00	0.59	0.494	0.000	0.494	0.41	0.00	0.5
PSCAD3	0	0	0.59	0.00	0.59	0.494	0.000	0.494	0.41	0.00	0.5
PMCP1	0	0	0.51	0.00	0.51	0.502	0.000	0.502	0.49	0.00	0.5
PMCP2	0	0	0.55	0.00	0.55	0.500	0.000	0.500	0.45	0.00	0.55
PMCP3	С	0	0.56	0.00	0.56	0.499	0.00	0.499	0.44	0.00	5.

table_original