

Logistics_160113

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beta : 2 1.5 1 0 0 0 0
intercept : 0
sample size : 400
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_1_n_400_lambda_location_l1_30_error_independent_FALSE_x_missing_location_1.Rdata
table_original

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	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	1.810	0.023	4.103	0.033	2.438	0.012	0.00	1.80	0.000	1.326
FSCAD	0	0	1.801	0.022	4.071	0.044	2.424	0.011	0.00	1.09	0.000	1.311
FMCP	0	0	1.801	0.022	4.070	0.044	2.424	0.011	0.01	0.76	0.100	1.280
CLASSO	0	0	1.856	0.027	4.215	0.040	2.498	0.020	0.01	2.20	0.100	1.341
CSCAD	0	0	1.844	0.026	4.189	0.055	2.484	0.018	0.08	1.74	0.273	1.368
CMCP	0	0	1.845	0.026	4.191	0.055	2.484	0.018	0.15	1.44	0.359	1.486
PLASSO	0	0	0.623	0.185	1.685	0.515	0.859	0.233	0.00	2.76	0.000	1.342
PSCAD1	0	0	0.661	0.302	1.471	0.758	0.861	0.381	0.09	0.75	0.288	1.067
PSCAD2	0	0	0.702	0.318	1.566	0.820	0.916	0.417	0.12	0.82	0.327	1.067
PSCAD3	0	0	0.711	0.331	1.582	0.838	0.925	0.432	0.14	0.82	0.349	1.048
PMCP1	0	0	0.668	0.311	1.457	0.764	0.861	0.388	0.10	0.73	0.302	1.053
PMCP2	0	0	0.702	0.329	1.583	0.816	0.920	0.423	0.12	0.86	0.327	1.064
PMCP3	0	0	0.701	0.323	1.580	0.795	0.916	0.409	0.13	0.86	0.338	1.015

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	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	1.764	0.017	4.009	0.034	2.378	0.018	0.00	2.38	0.000	1.516
FSCAD	0	0	1.752	0.016	3.958	0.045	2.358	0.015	0.00	1.04	0.000	1.363
FMCP	0	0	1.752	0.016	3.953	0.040	2.359	0.015	0.00	0.56	0.000	1.140
CLASSO	0	0	1.824	0.024	4.165	0.052	2.461	0.030	0.00	3.01	0.000	1.560
CSCAD	0	0	1.812	0.024	4.108	0.064	2.443	0.029	0.00	1.49	0.000	1.367
CMCP	0	0	1.812	0.024	4.110	0.066	2.443	0.029	0.00	1.18	0.000	1.546
PLASSO	0	0	0.530	0.203	1.621	0.561	0.787	0.280	0.00	3.43	0.000	1.305
PSCAD1	0	0	0.499	0.276	1.199	0.796	0.675	0.396	0.02	0.88	0.141	1.131
PSCAD2	0	0	0.514	0.300	1.247	0.886	0.699	0.435	0.02	0.85	0.141	1.048
PSCAD3	0	0	0.522	0.294	1.259	0.841	0.709	0.423	0.02	0.87	0.141	1.012
PMCP1	0	0	0.497	0.277	1.192	0.803	0.672	0.399	0.02	0.89	0.141	1.136
PMCP2	0	0	0.516	0.288	1.268	0.861	0.705	0.418	0.02	0.90	0.141	1.087
PMCP3	0	0	0.516	0.293	1.264	0.845	0.707	0.421	0.02	0.87	0.141	0.971

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FLASSO	0	0	1.804	0.017	4.091	0.026	2.433	0.010	0.00	1.87	0.000	1.502
FSCAD	0	0	1.796	0.017	4.060	0.028	2.422	0.009	0.00	0.67	0.000	1.083
FMCP	0	0	1.796	0.017	4.059	0.031	2.422	0.009	0.00	0.37	0.000	0.939
CLASSO	0	0	1.847	0.021	4.194	0.035	2.492	0.015	0.00	1.89	0.000	1.569
CSCAD	0	0	1.838	0.020	4.164	0.047	2.479	0.014	0.00	1.27	0.000	1.347
CMCP	0	0	1.838	0.020	4.164	0.045	2.479	0.014	0.04	0.84	0.197	1.324
PLASSO	0	0	0.482	0.178	1.311	0.438	0.670	0.207	0.00	2.61	0.000	1.310
PSCAD1	0	0	0.532	0.280	1.132	0.625	0.680	0.341	0.00	0.72	0.000	1.064
PSCAD2	0	0	0.543	0.280	1.154	0.626	0.694	0.345	0.01	0.68	0.100	0.898
PSCAD3	0	0	0.557	0.278	1.196	0.650	0.713	0.351	0.01	0.71	0.100	0.880
PMCP1	0	0	0.531	0.272	1.118	0.589	0.675	0.327	0.00	0.70	0.000	0.980
PMCP2	0	0	0.541	0.274	1.172	0.609	0.695	0.335	0.01	0.76	0.100	0.911
PMCP3	0	0	0.557	0.277	1.207	0.649	0.717	0.349	0.01	0.72	0.100	0.842

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FLASSO	0	0	1.761	0.013	3.993	0.025	2.373	0.012	0	2.37	0	1.482
FSCAD	0	0	1.751	0.013	3.947	0.031	2.357	0.010	0	0.72	0	1.232
FMCP	0	0	1.751	0.013	3.947	0.031	2.357	0.010	0	0.46	0	1.039
CLASSO	0	0	1.819	0.019	4.139	0.034	2.455	0.021	0	2.66	0	1.380
CSCAD	0	0	1.808	0.017	4.088	0.043	2.437	0.019	0	1.10	0	1.259
CMCP	0	0	1.808	0.017	4.090	0.043	2.437	0.019	0	0.78	0	1.375
PLASSO	0	0	0.438	0.155	1.258	0.408	0.618	0.190	0	3.46	0	1.290
PSCAD1	0	0	0.402	0.214	0.906	0.577	0.522	0.283	0	0.80	0	1.054
PSCAD2	0	0	0.414	0.222	0.951	0.606	0.543	0.297	0	0.79	0	0.957
PSCAD3	0	0	0.416	0.217	0.963	0.601	0.548	0.293	0	0.82	0	0.989
PMCP1	0	0	0.406	0.217	0.910	0.592	0.525	0.286	0	0.79	0	1.047
PMCP2	0	0	0.410	0.206	0.933	0.578	0.535	0.278	0	0.80	0	0.910
PMCP3	0	0	0.415	0.217	0.963	0.589	0.548	0.289	0	0.83	0	0.900

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	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	2.747	0.019	4.611	0.033	3.106	0.013	0.03	1.77	0.171	1.434
FSCAD	0	0	2.738	0.019	4.592	0.041	3.093	0.013	0.36	1.15	0.482	1.410
FMCP	0	0	2.738	0.019	4.595	0.044	3.093	0.013	0.39	1.21	0.490	1.513
CLASSO	0	0	2.806	0.024	4.715	0.044	3.172	0.021	0.15	2.06	0.359	1.588
CSCAD	0	0	2.795	0.024	4.691	0.056	3.158	0.021	0.37	1.49	0.485	1.534
CMCP	0	0	2.795	0.024	4.691	0.053	3.158	0.021	0.48	1.15	0.502	1.572
PLASSO	0	0	0.717	0.319	1.859	0.763	0.958	0.376	0.09	2.96	0.288	1.286
PSCAD1	0	0	0.807	0.520	1.896	1.281	1.075	0.658	0.42	0.75	0.496	1.058
PSCAD2	0	0	0.835	0.531	1.951	1.284	1.108	0.662	0.37	0.79	0.485	0.998
PSCAD3	0	0	0.830	0.534	1.943	1.305	1.103	0.670	0.36	0.80	0.482	1.015
PMCP1	0	0	0.805	0.529	1.868	1.266	1.065	0.660	0.41	0.72	0.494	1.045
PMCP2	0	0	0.815	0.536	1.918	1.290	1.086	0.671	0.36	0.82	0.482	1.009
PMCP3	0	0	0.824	0.538	1.937	1.292	1.097	0.672	0.35	0.83	0.479	1.016

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FLASSO	0	0	2.699	0.017	4.543	0.031	3.055	0.015	0.01	2.28	0.100	1.464
FSCAD	0	0	2.687	0.016	4.510	0.038	3.039	0.013	0.12	1.50	0.327	1.508
FMCP	0	0	2.687	0.016	4.510	0.036	3.040	0.013	0.21	1.04	0.409	1.530
CLASSO	0	0	2.773	0.024	4.678	0.044	3.139	0.025	0.11	2.63	0.314	1.495
CSCAD	0	0	2.758	0.022	4.643	0.050	3.122	0.022	0.26	1.56	0.441	1.713
CMCP	0	0	2.758	0.022	4.641	0.050	3.121	0.022	0.36	1.16	0.482	1.650
PLASSO	0	0	0.695	0.280	1.728	0.596	0.899	0.310	0.08	3.24	0.273	1.319
PSCAD1	0	0	0.635	0.389	1.437	0.856	0.832	0.466	0.38	0.80	0.488	0.953
PSCAD2	0	0	0.641	0.407	1.480	0.885	0.853	0.485	0.36	0.78	0.482	0.894
PSCAD3	0	0	0.648	0.412	1.500	0.926	0.860	0.497	0.37	0.80	0.485	0.899
PMCP1	0	0	0.639	0.400	1.461	0.882	0.840	0.474	0.39	0.84	0.490	0.972
PMCP2	0	0	0.640	0.404	1.471	0.883	0.849	0.484	0.38	0.76	0.488	0.878
PMCP3	0	0	0.645	0.415	1.501	0.939	0.858	0.503	0.34	0.79	0.476	0.902

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	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	2.741	0.013	4.599	0.028	3.102	0.011	0.03	1.78	0.171	1.548
FSCAD	0	0	2.733	0.013	4.579	0.036	3.092	0.010	0.18	1.14	0.386	1.393
FMCP	0	0	2.733	0.013	4.580	0.036	3.091	0.010	0.26	0.91	0.441	1.408
CLASSO	0	0	2.799	0.020	4.703	0.039	3.167	0.017	0.18	1.81	0.386	1.581
CSCAD	0	0	2.788	0.020	4.684	0.051	3.154	0.015	0.42	1.22	0.496	1.521
CMCP	0	0	2.788	0.019	4.683	0.052	3.154	0.015	0.46	1.02	0.501	1.449
PLASSO	0	0	0.588	0.267	1.570	0.643	0.801	0.303	0.08	3.05	0.273	1.282
PSCAD1	0	0	0.640	0.320	1.466	0.875	0.840	0.411	0.37	0.81	0.485	1.125
PSCAD2	0	0	0.677	0.361	1.557	0.953	0.889	0.455	0.34	0.88	0.476	1.104
PSCAD3	0	0	0.681	0.360	1.573	0.948	0.896	0.454	0.34	0.89	0.476	1.091
PMCP1	0	0	0.642	0.324	1.460	0.855	0.840	0.408	0.36	0.82	0.482	1.104
PMCP2	0	0	0.673	0.361	1.546	0.947	0.884	0.453	0.34	0.85	0.476	1.077
PMCP3	0	0	0.679	0.362	1.563	0.953	0.892	0.456	0.34	0.88	0.476	1.094


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FLASSO	0	0	2.695	0.012	4.530	0.024	3.049	0.012	0.01	2.53	0.100	1.425
FSCAD	0	0	2.685	0.012	4.502	0.032	3.037	0.011	0.07	1.41	0.256	1.512
FMCP	0	0	2.685	0.012	4.501	0.033	3.037	0.011	0.08	1.23	0.273	1.588
CLASSO	0	0	2.767	0.018	4.655	0.040	3.132	0.021	0.05	2.32	0.219	1.503
CSCAD	0	0	2.754	0.018	4.625	0.045	3.115	0.020	0.14	1.48	0.349	1.691
CMCP	0	0	2.754	0.018	4.622	0.045	3.116	0.020	0.26	0.93	0.441	1.416
PLASSO	0	0	0.526	0.278	1.382	0.487	0.703	0.296	0.01	3.42	0.100	1.387
PSCAD1	0	0	0.503	0.224	1.109	0.584	0.646	0.284	0.24	0.85	0.429	1.192
PSCAD2	0	0	0.509	0.227	1.135	0.594	0.661	0.289	0.21	0.82	0.409	1.009
PSCAD3	0	0	0.518	0.219	1.146	0.579	0.672	0.277	0.23	0.81	0.423	1.002
PMCP1	0	0	0.501	0.225	1.108	0.581	0.647	0.283	0.23	0.87	0.423	1.143
PMCP2	0	0	0.510	0.224	1.135	0.581	0.663	0.282	0.23	0.86	0.423	1.045
PMCP3	0	0	0.516	0.224	1.159	0.584	0.674	0.281	0.23	0.84	0.423	1.002

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FLASSO	0	0	2.766	0.020	5.097	0.025	3.356	0.014	0.11	1.58	0.314	1.379
FSCAD	0	0	2.756	0.021	5.078	0.036	3.341	0.014	0.53	0.92	0.502	1.346
FMCP	0	0	2.756	0.021	5.079	0.039	3.341	0.014	0.53	0.82	0.502	1.298
CLASSO	0	0	2.820	0.025	5.200	0.042	3.419	0.021	0.14	1.93	0.349	1.533
CSCAD	0	0	2.808	0.024	5.167	0.043	3.402	0.020	0.55	0.99	0.500	1.243
CMCP	0	0	2.808	0.024	5.175	0.056	3.402	0.020	0.67	0.89	0.473	1.588
PLASSO	0	0	0.762	0.325	1.910	0.743	1.007	0.375	0.08	2.88	0.273	1.305
PSCAD1	0	0	0.861	0.511	1.879	1.098	1.114	0.608	0.54	0.52	0.501	0.835
PSCAD2	0	0	0.872	0.533	1.967	1.182	1.146	0.641	0.53	0.58	0.502	0.855
PSCAD3	0	0	0.868	0.529	1.972	1.180	1.145	0.637	0.52	0.61	0.502	0.863
PMCP1	0	0	0.857	0.532	1.886	1.113	1.116	0.623	0.52	0.56	0.502	0.868
PMCP2	0	0	0.879	0.540	1.980	1.183	1.155	0.644	0.52	0.60	0.502	0.853
PMCP3	0	0	0.871	0.527	1.977	1.176	1.149	0.635	0.52	0.60	0.502	0.865

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intercept : 0
sample size : 400
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_400_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	2.714	0.015	5.033	0.034	3.298	0.016	0.04	2.73	0.197	1.663
FSCAD	0	0	2.704	0.014	5.002	0.041	3.284	0.013	0.25	1.44	0.435	1.653
FMCP	0	0	2.703	0.014	5.002	0.043	3.284	0.014	0.32	1.20	0.469	1.694
CLASSO	0	0	2.783	0.023	5.159	0.045	3.382	0.027	0.13	2.55	0.338	1.507
CSCAD	0	0	2.769	0.021	5.118	0.049	3.364	0.024	0.34	1.22	0.476	1.481
CMCP	0	0	2.769	0.021	5.122	0.049	3.365	0.024	0.49	1.11	0.502	1.757
PLASSO	0	0	0.728	0.300	1.928	0.586	0.993	0.358	0.07	3.39	0.256	1.270
PSCAD1	0	0	0.666	0.317	1.591	0.847	0.903	0.429	0.42	0.74	0.496	1.050
PSCAD2	0	0	0.683	0.342	1.663	1.024	0.933	0.489	0.38	0.77	0.488	1.072
PSCAD3	0	0	0.667	0.330	1.630	1.012	0.910	0.479	0.36	0.79	0.482	1.076
PMCP1	0	0	0.657	0.307	1.577	0.825	0.895	0.416	0.41	0.79	0.494	1.057
PMCP2	0	0	0.663	0.338	1.626	1.031	0.907	0.489	0.36	0.77	0.482	1.072
PMCP3	0	0	0.676	0.330	1.666	1.005	0.928	0.478	0.38	0.78	0.488	1.021

```

beta : 3 2 0.5 0 0 0 0
intercept : 0
sample size : 600
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_600_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	2.760	0.015	5.092	0.025	3.353	0.010	0.01	1.79	0.100	1.465
FSCAD	0	0	2.753	0.014	5.075	0.034	3.343	0.009	0.26	1.21	0.441	1.472
FMCP	0	0	2.753	0.014	5.076	0.035	3.343	0.009	0.29	0.99	0.456	1.382
CLASSO	0	0	2.813	0.020	5.190	0.030	3.417	0.015	0.12	1.67	0.327	1.491
CSCAD	0	0	2.803	0.019	5.168	0.038	3.402	0.014	0.50	0.93	0.503	1.289
CMCP	0	0	2.803	0.019	5.170	0.042	3.402	0.014	0.52	0.83	0.502	1.356
PLASSO	0	0	0.641	0.285	1.669	0.699	0.855	0.338	0.07	3.16	0.256	1.293
PSCAD1	0	0	0.682	0.369	1.560	1.024	0.894	0.493	0.37	0.74	0.485	0.970
PSCAD2	0	0	0.700	0.381	1.652	1.035	0.932	0.504	0.39	0.83	0.490	0.965
PSCAD3	0	0	0.702	0.380	1.660	1.034	0.937	0.501	0.39	0.83	0.490	0.985
PMCP1	0	0	0.686	0.375	1.547	1.029	0.894	0.497	0.37	0.71	0.485	0.977
PMCP2	0	0	0.694	0.379	1.623	1.007	0.921	0.497	0.39	0.78	0.490	0.927
PMCP3	0	0	0.700	0.381	1.652	1.023	0.933	0.500	0.39	0.81	0.490	0.940

```

beta : 3 2 0.5 0 0 0 0
intercept : 0
sample size : 600
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_600_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	2.714	0.011	5.013	0.024	3.295	0.010	0.02	2.38	0.141	1.509
FSCAD	0	0	2.705	0.011	4.985	0.032	3.282	0.010	0.15	1.36	0.359	1.514
FMCP	0	0	2.705	0.011	4.986	0.033	3.282	0.010	0.17	1.09	0.378	1.558
CLASSO	0	0	2.779	0.019	5.138	0.038	3.374	0.021	0.09	2.58	0.288	1.646
CSCAD	0	0	2.768	0.018	5.106	0.041	3.360	0.020	0.35	1.13	0.479	1.440
CMCP	0	0	2.768	0.018	5.107	0.044	3.360	0.020	0.40	0.93	0.492	1.572
PLASSO	0	0	0.579	0.283	1.559	0.624	0.799	0.343	0.07	3.33	0.256	1.303
PSCAD1	0	0	0.526	0.297	1.196	0.762	0.696	0.403	0.30	0.77	0.461	1.109
PSCAD2	0	0	0.548	0.303	1.267	0.781	0.729	0.412	0.29	0.78	0.456	0.991
PSCAD3	0	0	0.552	0.304	1.269	0.791	0.733	0.416	0.30	0.78	0.461	0.991
PMCP1	0	0	0.544	0.343	1.257	0.937	0.722	0.467	0.30	0.82	0.461	1.149
PMCP2	0	0	0.556	0.340	1.302	0.944	0.741	0.466	0.29	0.86	0.456	1.092
PMCP3	0	0	0.549	0.302	1.271	0.801	0.730	0.415	0.29	0.80	0.456	1.005

```

beta : 3 2 1 0 0 0 0
intercept : 0
sample size : 400
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_1_n_400_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	2.776	0.019	5.583	0.031	3.464	0.013	0.00	1.62	0.000	1.462
FSCAD	0	0	2.767	0.019	5.559	0.044	3.451	0.012	0.07	1.26	0.256	1.397
FMCP	0	0	2.767	0.019	5.557	0.043	3.452	0.012	0.10	0.82	0.302	1.250
CLASSO	0	0	2.827	0.024	5.693	0.048	3.527	0.019	0.03	2.10	0.171	1.648
CSCAD	0	0	2.817	0.024	5.662	0.056	3.513	0.019	0.11	1.41	0.314	1.319
CMCP	0	0	2.817	0.024	5.665	0.062	3.513	0.020	0.16	1.20	0.368	1.511
PLASSO	0	0	0.822	0.256	2.203	0.721	1.117	0.310	0.01	3.04	0.100	1.325
PSCAD1	0	0	0.831	0.406	1.973	1.216	1.111	0.561	0.06	0.94	0.239	1.188
PSCAD2	0	0	0.854	0.471	2.030	1.244	1.150	0.611	0.07	0.93	0.256	1.094
PSCAD3	0	0	0.875	0.502	2.113	1.386	1.185	0.667	0.07	0.97	0.256	1.096
PMCP1	0	0	0.822	0.451	1.959	1.302	1.103	0.608	0.07	0.90	0.256	1.150
PMCP2	0	0	0.868	0.486	2.071	1.310	1.167	0.636	0.06	0.95	0.239	1.114
PMCP3	0	0	0.871	0.506	2.105	1.395	1.180	0.671	0.07	0.96	0.256	1.100

```

beta : 3 2 1 0 0 0 0
intercept : 0
sample size : 400
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_1_n_400_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	2.724	0.016	5.483	0.030	3.400	0.014	0.00	2.26	0.000	1.360
FSCAD	0	0	2.712	0.016	5.438	0.037	3.381	0.013	0.00	1.12	0.000	1.343
FMCP	0	0	2.712	0.016	5.435	0.037	3.382	0.014	0.00	0.65	0.000	1.158
CLASSO	0	0	2.789	0.020	5.624	0.043	3.480	0.021	0.00	2.84	0.000	1.426
CSCAD	0	0	2.776	0.020	5.581	0.057	3.462	0.021	0.00	1.59	0.000	1.525
CMCP	0	0	2.776	0.020	5.575	0.055	3.462	0.021	0.03	0.98	0.171	1.271
PLASSO	0	0	0.691	0.282	1.830	0.597	0.931	0.328	0.00	3.31	0.000	1.220
PSCAD1	0	0	0.703	0.389	1.593	1.023	0.915	0.517	0.02	0.82	0.141	1.058
PSCAD2	0	0	0.732	0.406	1.657	1.028	0.955	0.528	0.02	0.79	0.141	0.935
PSCAD3	0	0	0.733	0.408	1.663	1.044	0.957	0.535	0.02	0.81	0.141	0.929
PMCP1	0	0	0.693	0.393	1.567	1.022	0.903	0.519	0.02	0.79	0.141	0.998
PMCP2	0	0	0.741	0.398	1.703	1.015	0.973	0.520	0.02	0.85	0.141	0.989
PMCP3	0	0	0.729	0.406	1.664	1.032	0.957	0.531	0.01	0.83	0.100	0.954

```

beta : 3 2 1 0 0 0 0
intercept : 0
sample size : 600
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_1_n_600_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	2.775	0.015	5.576	0.027	3.462	0.010	0.00	1.62	0.000	1.562
FSCAD	0	0	2.768	0.015	5.551	0.036	3.452	0.009	0.01	0.98	0.100	1.295
FMCP	0	0	2.768	0.015	5.551	0.034	3.452	0.009	0.01	0.67	0.100	1.181
CLASSO	0	0	2.825	0.017	5.676	0.034	3.524	0.015	0.00	1.66	0.000	1.430
CSCAD	0	0	2.815	0.017	5.654	0.044	3.511	0.015	0.09	1.28	0.288	1.471
CMCP	0	0	2.815	0.017	5.651	0.045	3.511	0.015	0.14	0.85	0.349	1.266
PLASSO	0	0	0.659	0.337	1.780	1.000	0.901	0.440	0.00	3.08	0.000	1.331
PSCAD1	0	0	0.658	0.413	1.571	1.201	0.881	0.555	0.01	0.85	0.100	1.048
PSCAD2	0	0	0.687	0.417	1.646	1.213	0.922	0.563	0.01	0.88	0.100	1.028
PSCAD3	0	0	0.693	0.421	1.681	1.224	0.934	0.567	0.01	0.91	0.100	1.065
PMCP1	0	0	0.660	0.413	1.558	1.181	0.879	0.549	0.01	0.81	0.100	1.051
PMCP2	0	0	0.688	0.419	1.664	1.244	0.924	0.564	0.01	0.94	0.100	1.135
PMCP3	0	0	0.689	0.421	1.672	1.228	0.930	0.567	0.01	0.91	0.100	1.083


```

beta : 3 2 1 0 0 0 0
intercept : 0
sample size : 600
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_1_n_600_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	2.721	0.015	5.476	0.025	3.396	0.014	0.00	2.41	0.000	1.658
FSCAD	0	0	2.711	0.014	5.434	0.032	3.381	0.011	0.00	0.94	0.000	1.340
FMCP	0	0	2.711	0.014	5.433	0.031	3.381	0.011	0.00	0.67	0.000	1.295
CLASSO	0	0	2.787	0.020	5.607	0.033	3.476	0.021	0.00	2.55	0.000	1.527
CSCAD	0	0	2.775	0.019	5.562	0.040	3.459	0.020	0.00	1.44	0.000	1.472
CMCP	0	0	2.775	0.019	5.565	0.042	3.461	0.020	0.02	0.90	0.141	1.425
PLASSO	0	0	0.592	0.240	1.603	0.490	0.809	0.272	0.00	3.60	0.000	1.181
PSCAD1	0	0	0.519	0.282	1.217	0.825	0.692	0.386	0.00	0.78	0.000	1.151
PSCAD2	0	0	0.534	0.294	1.249	0.846	0.712	0.398	0.00	0.76	0.000	1.006
PSCAD3	0	0	0.544	0.295	1.266	0.831	0.723	0.396	0.00	0.77	0.000	1.014
PMCP1	0	0	0.524	0.278	1.220	0.793	0.696	0.376	0.00	0.76	0.000	1.111
PMCP2	0	0	0.549	0.295	1.281	0.854	0.728	0.399	0.00	0.77	0.000	1.014
PMCP3	0	0	0.547	0.298	1.288	0.865	0.728	0.404	0.00	0.81	0.000	1.012