MI Paper Tables

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Results using 1000 simulations, 10 MI trueTreatment approx -0.69, trueEcog appox 0.4

os1 <- coxph(Surv(cmonth, dead) ~ treat + genderf +
reth_black + reth_hisp + reth_oth + practypec + b.ecogvalue + smokey + dgradeh + surgery + site_ureter
+ site_renal + site_urethra + age + var1 + var2, data=sdat.c, x=T)

Full Model Results

Treat

Table 1: Treatment

	Bias			SE			Coverage		
	Low	Medium	High	Low	Medium	High	Low	Medium	High
ORACLE	-0.0056	-0.0029	-0.0031	0.0513	0.0512	0.0512	0.942	0.957	0.9590
MCAR									
CC	-0.0072	-0.0041	-0.0057	0.0568	0.0732	0.1028	0.941	0.949	0.9460
MICE	-0.0017	0.0074	0.0157	0.0517	0.0528	0.0544	0.945	0.954	0.9460
RF	-0.0009	0.0130	0.0282	0.0516	0.0524	0.0535	0.943	0.952	0.9140
DAE	0.0123	0.0502	0.0840	0.0516	0.0524	0.0527	0.933	0.853	0.6318
MAR									
CC	-0.0049	-0.0068	-0.0119	0.0591	0.0796	0.1124	0.950	0.950	0.9540
MICE	-0.0003	0.0185	0.0390	0.0520	0.0533	0.0549	0.953	0.939	0.8920
RF	0.0002	0.0219	0.0459	0.0518	0.0536	0.0563	0.951	0.933	0.8800
DAE	0.0263	0.0769	0.1061	0.0545	0.0598	0.0605	0.928	0.769	0.5950
MNAR 1									
CC	-0.0046	-0.0039	-0.0114	0.0600	0.0822	0.1176	0.945	0.948	0.9420
MICE	0.0370	0.0635	0.0820	0.0514	0.0521	0.0526	0.887	0.762	0.6430
RF	0.0380	0.0714	0.0815	0.0512	0.0518	0.0525	0.879	0.705	0.6480
DAE	0.0526	0.0894	0.1116	0.0564	0.0625	0.0619	0.868	0.724	0.5690
MNAR 2									
CC	-0.0038	-0.0070	-0.0106	0.0591	0.0799	0.1151	0.947	0.955	0.9510
MICE	0.0182	0.0464	0.0640	0.0517	0.0524	0.0533	0.929	0.874	0.7870
RF	0.0173	0.0537	0.0735	0.0515	0.0520	0.0527	0.928	0.834	0.7240
DAE	0.0364	0.0831	0.1113	0.0532	0.0594	0.0619	0.900	0.739	0.5760

ECOG

Table 2: ECOG

	Bias			SE			Coverage		
	Low	Medium	High	Low	Medium	High	Low	Medium	High
ORACLE	0.0028	0.0025	0.0020	0.0234	0.0234	0.0234	0.944	0.944	0.9460
MCAR									
CC	0.0035	0.0042	0.0075	0.0259	0.0334	0.0471	0.947	0.938	0.9480
MICE	-0.0020	-0.0095	-0.0211	0.0249	0.0286	0.0327	0.947	0.942	0.9080
RF	-0.0002	-0.0103	-0.0277	0.0247	0.0282	0.0335	0.951	0.938	0.8860
DAE	-0.0109	-0.0435	-0.0807	0.0293	0.0461	0.0618	0.949	0.923	0.8179
MAR									
CC	0.0018	0.0015	0.0062	0.0257	0.0320	0.0433	0.949	0.943	0.9370
MICE	-0.0062	-0.0252	-0.0401	0.0249	0.0285	0.0355	0.944	0.870	0.8290
RF	0.0000	-0.0061	-0.0122	0.0248	0.0298	0.0414	0.951	0.954	0.9580
DAE	-0.0107	-0.0345	-0.0572	0.0281	0.0438	0.0596	0.949	0.948	0.9290
MNAR 1									
CC	0.0011	0.0019	0.0081	0.0268	0.0355	0.0508	0.956	0.952	0.9460
MICE	-0.0089	-0.0219	-0.0453	0.0256	0.0307	0.0379	0.934	0.901	0.7640
RF	-0.0043	-0.0264	-0.0566	0.0256	0.0318	0.0432	0.948	0.880	0.7670
DAE	-0.0166	-0.0384	-0.0624	0.0352	0.0614	0.0849	0.974	0.973	0.9650
MNAR 2									
CC	0.0034	0.0017	0.0032	0.0265	0.0345	0.0493	0.943	0.942	0.9520
MICE	-0.0074	-0.0220	-0.0352	0.0254	0.0299	0.0370	0.941	0.904	0.8440
RF	-0.0011	-0.0129	-0.0313	0.0252	0.0301	0.0383	0.942	0.943	0.8800
DAE	-0.0153	-0.0450	-0.0728	0.0332	0.0589	0.0815	0.962	0.975	0.9540