Table 3 Simulation results from scenario II and III comparing different DRS models in the presence of an interaction effect in the training data*.

	LR	PS	DRS1	DRS2	DRS3	DRS4
Scenario II#						
Mean odds ratio	1.00	1.00	1.05	1.01	1.02	1.04
Relative bias	-0.16	-0.19	5.10	0.51	2.19	4.14
Coverage	0.950	0.956	0.947	0.954	0.954	0.949
RMSE	0.22	0.21	0.21	0.21	0.21	0.21
Scenario III^						
Mean odds ratio	1.00	1.00	1.09	1.17	1.02	1.03
Relative bias	0.27	0.23	9.22	16.94	1.87	3.25
Coverage	0.948	0.954	0.930	0.881	0.952	0.950
RMSE	0.22	0.21	0.22	0.26	0.21	0.21

* SMSE = square root of the mean squared error. # Treatment by confounder 1 interaction OR of 0.30.

^ Treatment by confounder 1 interaction OR of 3.0