

Table 1: Predictor Selection

	cum time	ndcg	score	MAE	score diff
Best	12.63	1.00	1.00	0.00	0.00
DecisionTreeRegressor	15.80	0.50	0.11	2.06	43.12
DecisionTreeRegressor bin	15.84	0.43	-0.17	2.31	43.67
DecisionTreeRegressor weights	16.31	0.48	-0.12	2.10	45.11
DecisionTreeRegressor weights bin	16.33	0.42	-0.18	2.28	45.05
K-nn Regressor	15.55	0.54	0.17	1.94	40.66
K-nn Regressor bin	15.61	0.43	-0.18	2.29	41.11
K-nn Regressor weights	15.61	0.43	-0.18	2.29	41.11
K-nn Regressor weights bin	15.61	0.43	-0.18	2.29	41.11
LinearReg	15.15	0.42	-0.16	2.45	49.13
LinearReg bin	15.15	0.42	-0.29	2.46	49.20
LinearReg weights	15.33	0.42	-0.43	2.43	48.68
LinearReg weights bin	15.35	0.42	-0.27	2.44	48.97
NuSVR	15.57	0.47	0.14	2.26	47.45
NuSVR bin	15.43	0.43	-0.24	2.31	44.17
NuSVR weights	15.61	0.47	-0.06	2.19	42.86
NuSVR weights bin	15.71	0.45	-0.20	2.25	43.23
Random	19.06	0.36	0.00	2.62	50.77
RandomForestRegressor	15.02	0.48	0.28	2.08	38.91
RandomForestRegressor bin	14.92	0.48	-0.18	2.13	39.19
RandomForestRegressor weights	15.08	0.48	0.18	2.12	39.53
RandomForestRegressor weights bin	15.09	0.48	-0.16	2.15	39.09
Ridge	15.11	0.42	-0.15	2.45	49.09
Ridge bin	15.14	0.41	-0.29	2.46	49.29
Ridge weights	15.02	0.41	-0.21	2.48	50.15
Ridge weights bin	15.03	0.41	-0.23	2.49	50.09
Worst	30.26	0.00	0.00	4.00	94.65