yelp -	1.0102	1.0172	1.0242	1.0384	1.0445
	FLAML	H20AutoML	XGBoostRegressor	RandomForestRegressor (SciKit)	GradientBoostingRegressor (SciKit)
amazon-toys-and-games -	0.9015	0.9038	0.9056	0.9082	0.9146
	AutoSurprise	BiasedSVD (LensKit)	FunkSVD (LensKit)	SVDpp (Surprise)	SVD (Surprise)
amazon-digital-music -	0.8842	0.8968	0.8984	0.8987	0.8988
	AutoSurprise	BiasedSVD (LensKit)	SVDpp (Surprise)	UserUser (LensKit)	Bias (LensKit)
amazon-electronics -	1.0944	1.0958	1.0963	1.1080	1.1107
	AutoSurprise	FunkSVD (LensKit)	BiasedSVD (LensKit)	SVD (Surprise)	SVDpp (Surprise)
movielens-100K -	0.9104	0.9110	0.9207	0.9245	0.9251
	H20AutoML	FLAML	AutoSurprise	ItemItem (LensKit)	ALSBiasedMF (LensKit)
amazon-movies-and-tv -	0.9640	0.9640	0.9652	0.9678	0.9783
	SVDpp (Surprise)	AutoSurprise	FunkSVD (LensKit)	BiasedSVD (LensKit)	SVD (Surprise)
movielens-1M -	0.8556	0.8631	0.8634	0.8643	0.8661
	ItemItem (LensKit)	AutoSurprise	SVDpp (Surprise)	FunkSVD (LensKit)	ALSBiasedMF (LensKit)
movielens-latest-small -	0.8180	0.8195	0.8484	0.8561	0.8593
	FLAML	H20AutoML	AutoGluon	TPOT	AutoPytorch
foodCom -	1.1963	1.1998	1.2005	1.2084	1.2085
	FLAML	H20AutoML	AutoSKLearn_AutoSklearnRegressor	AutoPytorch	XGBoostRegressor
amazon-fashion -	0.1032	0.1120	0.1312	0.1382	0.1397
	TPOT	GAMA	RandomForestRegressor (SciKit)	AutoSurprise	DecisionTreeRegressor (SciKit)
amazon-appliances -	0.6018	0.6061	0.6359	0.6412	0.6583
	H20AutoML	AutoSurprise	KNNWithMeans (Surprise)	KNNWithZScore (Surprise)	ALSBiasedMF (LensKit)
amazon-software -	1.0898	1.1036	1.1139	1.1210	1.1214
	AutoSurprise	H20AutoML	FLAML	SVDpp (Surprise)	FunkSVD (LensKit)
mazon-industrial-and-scientific -	0.8663	0.8803	0.8812	0.8831	0.8892
	AutoSurprise	SVDpp (Surprise)	BiasedSVD (LensKit)	FunkSVD (LensKit)	SVD (Surprise)
netflix -	0.9194	0.9306	0.9392	0.9394	0.9419
	FunkSVD (LensKit)	SVDpp (Surprise)	ALSBiasedMF (LensKit)	BiasedSVD (LensKit)	AutoSurprise
	1	2	3 Rank	4	5

ML

RecSys

AutoRecSys

AutoML