	AutoML	AutoRecSys	Baseline	ML	RecSys
yelp -	1.0102	1.0242	1.2621	1.2699	1.4573
	FLAML	XGBoostRegressor	AutoSurprise	ALSBiasedMF (LensKit)	Mean (ConstantPredictor)
amazon-toys-and-games -	0.9015	0.9038	0.9443	0.9799	1.0025
	AutoSurprise	BiasedSVD (LensKit)	FLAML	XGBoostRegressor	Mean (ConstantPredictor)
amazon-digital-music -	0.8842	0.8968	0.9069	0.9400	0.9664
	AutoSurprise	BiasedSVD (LensKit)	FLAML	GradientBoostingRegressor (SciKit)	Mean (ConstantPredictor)
amazon-electronics -	1.0944	1.0958	1.1651	1.1815	1.2054
	AutoSurprise	FunkSVD (LensKit)	FLAML	XGBoostRegressor	Mean (ConstantPredictor)
movielens-100K -	0.9104	0.9207	0.9245	0.9454	1.1266
	H20AutoML	AutoSurprise	Itemltem (LensKit)	XGBoostRegressor	Mean (ConstantPredictor)
amazon-movies-and-tv -	0.9640	0.9640	1.0168	1.0943	1.1678
	SVDpp (Surprise)	AutoSurprise	FLAML	RandomForestRegressor (SciKit)	Mean (ConstantPredictor)
movielens-1M -	0.8556	0.8631	0.8828	0.9717	1.1171
	ItemItem (LensKit)	AutoSurprise	H20AutoML	XGBoostRegressor	Mean (ConstantPredictor)
movielens-latest-small -	0.8180	0.8596	0.8678	0.8720	1.0514
	FLAML	AutoSurprise	XGBoostRegressor	ALSBiasedMF (LensKit)	Mean (ConstantPredictor)
foodCom -	1.1963	1.2085	1.2098	1.2133	1.2641
	FLAML	XGBoostRegressor	AutoSurprise	BaselineOnly (Surprise)	Mean (ConstantPredictor)
amazon-fashion -	0.1032	0.1312	0.1382	0.1420	1.0031
	TPOT	RandomForestRegressor (SciKit)	AutoSurprise	KNNWithZScore (Surprise)	Mean (ConstantPredictor)
amazon-appliances -	0.6018	0.6061	0.6359	0.7023	0.8568
	H20AutoML	AutoSurprise	KNNWithMeans (Surprise)	XGBoostRegressor	Mean (ConstantPredictor)
amazon-software -	1.0898	1.1036	1.1210	1.1657	1.3501
	AutoSurprise	H20AutoML	SVDpp (Surprise)	XGBoostRegressor	Mean (ConstantPredictor)
amazon-industrial-and-scientific -	0.8663	0.8803	0.8908	0.9234	0.9424
	AutoSurprise	SVDpp (Surprise)	H20AutoML	XGBoostRegressor	Mean (ConstantPredictor)
netflix -	0.9194	0.9419	1.0066	1.0512	1.0857
	FunkSVD (LensKit)	AutoSurprise	H20AutoML	XGBoostRegressor	Mean (ConstantPredictor)
	1	2	3 Rank	4	5