

# Datasets

Datasets	Users	Items	Ratings
Instant Video	426922	23965	583933
Musical Instrument	339231	83046	500176
Video Games	826767	50210	1324753

Table 1: Statistics of the datasets

# Datasets



Figure 1: Ratings of Instant Video ordered in time

# Datasets

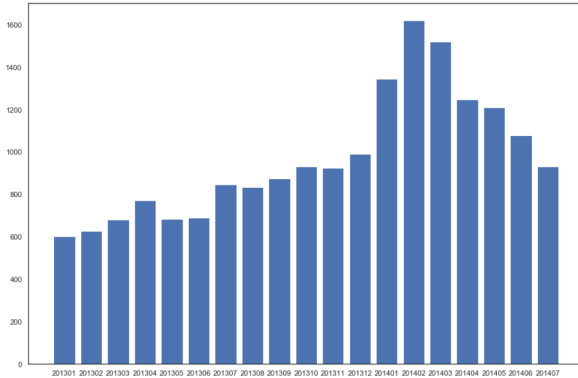


Figure 2: Ratings of Instant Video ordered in time

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Datasets	Users	Items	Ratings
Instant Video	426922	23965	583933
Musical Instrument	339231	83046	500176
Video Games	826767	50210	1324753

Table 2: Statistics of the raw datasets

Datasets	Users	Items	Ratings
Instant Video	688	3288	6717
Musical Instrument	1408	5771	7906
Video Games	1003	5297	10472

Table 3: Statistics of the preprocessed datasets

# Evaluation

Datasets	Instant Video			Musical Instruments			Video Games		
Measures@10(%)	P	R	F1	P	R	F1	P	R	F1
SVD	0.59	3.21	0.97	0.10	0.31	0.14	0.28	1.30	0.45
kNN	0.40	2.04	0.66	0.14	1.09	0.24	0.40	1.76	0.64
BPR	0.68	3.61	1.11	0.23	1.57	0.39	0.75	3.30	1.20
SLIM	1.39	6.98	2.25	0.17	1.10	0.29	1.02	4.11	1.59

Table 4: The performance of baselines