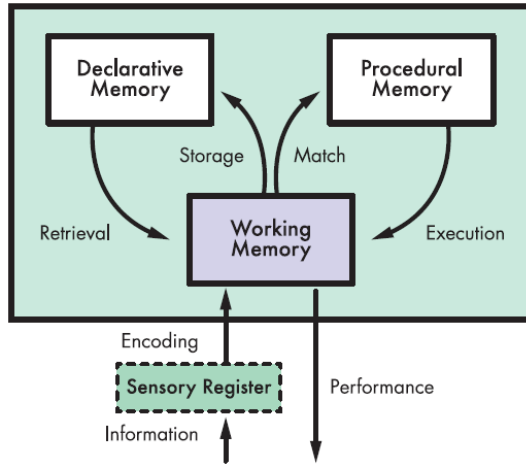


Cognitive-Inspired and Fair Recommender Systems

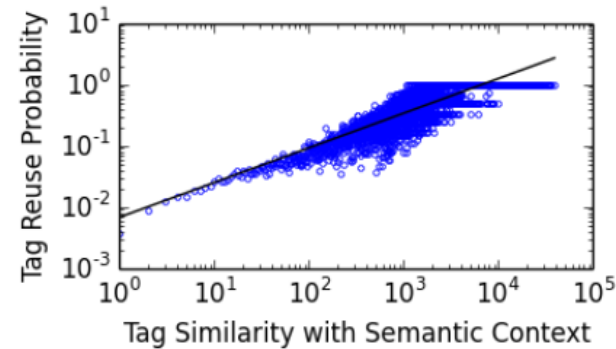
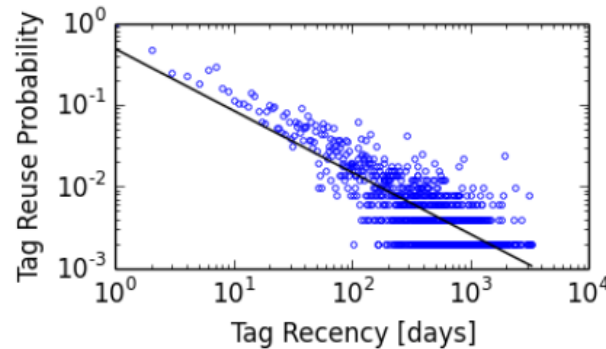
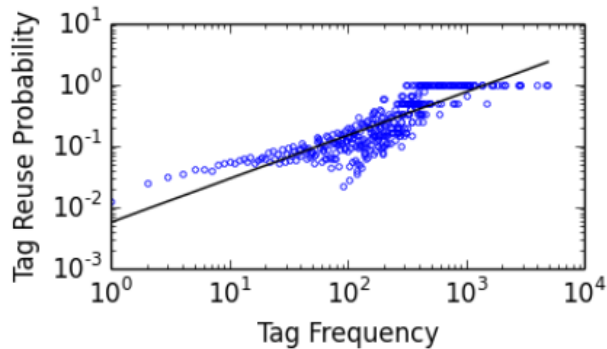
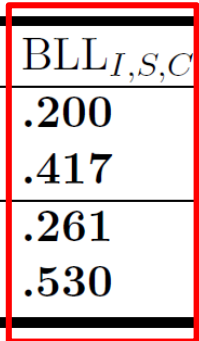
Dominik Kowald – PostDoc@SC-Team of Know-Center Graz, Austria
CSS Summer School, Berlin, Germany, 22.07.2019

Past Research (PhD Thesis)

Cognitive-Inspired Recommendation of Social Tags and Hashtags

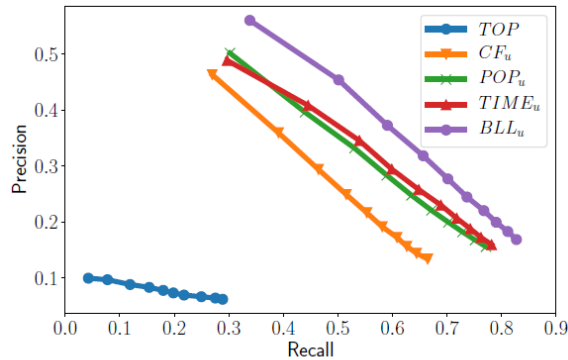
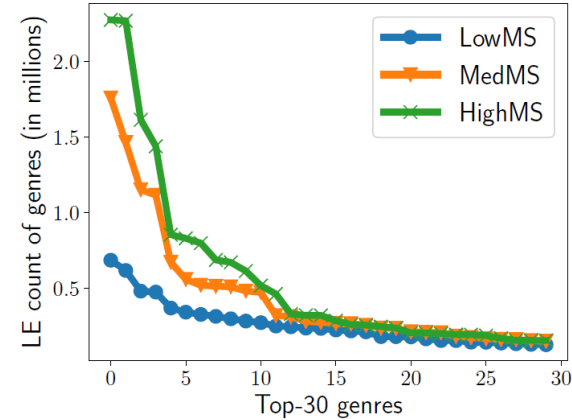
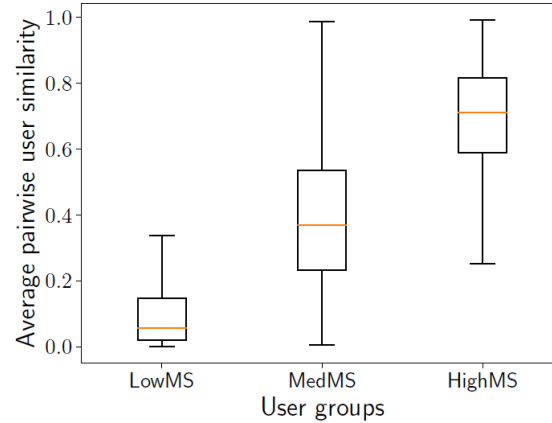
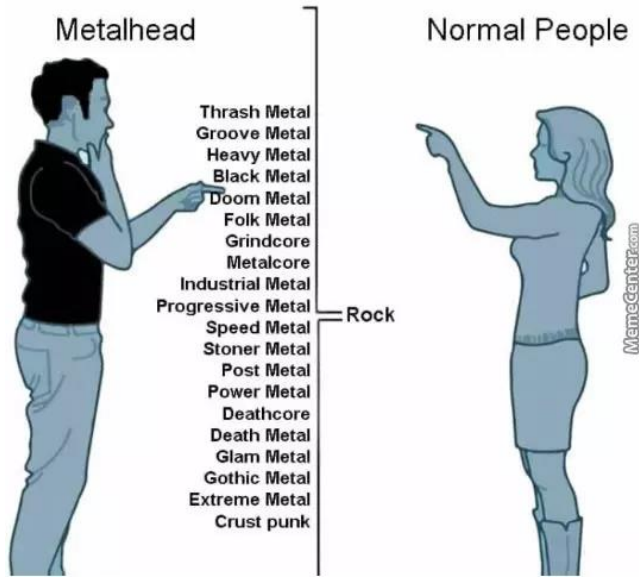


Dataset	Metric	SR	TCI	$BLL_{I,S,C}$
<i>CompSci</i>	F1@5	.139	.182	.200
	MAP@10	.283	.354	.417
<i>Random</i>	F1@5	.181	.243	.261
	MAP@10	.374	.472	.530

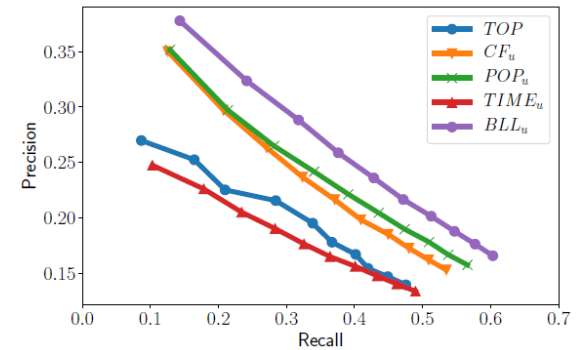


Current and Future Research

Fair Music Recommender Systems with LFM-1b dataset



(a) User group: LowMS



(c) User group: HighMS