

Tabela 1: Overall effectiveness of the models. The best results are highlighted in boldface. Superscripts denote significant differences in Fisher’s randomization test with $p \leq 0.05$.

#	Model	NDCG@10	MAP@10	P@1	P@10	Recall@10
a	BPR	0.113 ^{df}	0.027 ^{df gh}	0.146 ^{df gh}	0.115 ^d	0.065 ^{bcdf k}
b	ImplicitMF	0.115 ^{df}	0.027 ^{df gh}	0.142 ^{df h}	0.117 ^{df}	0.062 ^{df}
c	ItemkNN	0.125 ^{abdf ghk}	0.030 ^{abdf ghkl}	0.168 ^{abde fghl}	0.127 ^{abdf ghk}	0.063 ^{df k}
d	MostPopular	0.098	0.018	0.131 ^f	0.103	0.038
e	UserkNN	0.123 ^{abdf ghk}	0.030 ^{abdf ghklo}	0.150 ^{df gh}	0.126 ^{abdf gk}	0.068 ^{abedf ghiklou}
f	comb_min	0.105 ^d	0.021 ^d	0.119	0.113 ^d	0.057 ^d
g	comb_med	0.117 ^{adfh}	0.025 ^{df h}	0.137 ^{fh}	0.123 ^{abdf k}	0.063 ^{df}
h	comb_max	0.116 ^{adfh}	0.024 ^{df}	0.126 ^f	0.123 ^{abdf gk}	0.063 ^{df}
i	log_isr	0.130 ^{abcde fghkl}	0.030 ^{abdf ghklo}	0.166 ^{abde fghl}	0.130 ^{abcde fghkl}	0.066 ^{bcdf ghk}
j	bordafuse	0.130 ^{abcde fghkl}	0.030 ^{abdf ghiklmov}	0.169 ^{abde fghly}	0.130 ^{abcde fghkl}	0.066 ^{bcdf ghk}
k	condorcet	0.119 ^{abdf h}	0.027 ^{df gh}	0.162 ^{abde fghl}	0.120 ^{abdf}	0.061 ^{df}
l	comb_max	0.123 ^{abdf ghk}	0.027 ^{df gh}	0.142 ^{df h}	0.127 ^{abdf ghk}	0.065 ^{bcdf ghk}
m	comb_sum	0.129 ^{abcde fghkl}	0.030 ^{abdf ghklo}	0.167 ^{abde fghl}	0.130 ^{abde fghkl}	0.066 ^{bcdf ghkl}
n	comb_minz	0.131 ^{abcde fghklmo}	0.030 ^{abdf ghiklmov}	0.170 ^{abde fghkly}	0.131 ^{abcde fghklmo}	0.067 ^{bcdf ghkl}
o	isr	0.129 ^{abcde fghkl}	0.029 ^{abdf ghkl}	0.168 ^{abde fghl}	0.129 ^{abde fghkl}	0.066 ^{bcdf ghk}
p	comb_gmnz	0.131 ^{abcde fghklmo}	0.030 ^{abdf ghiklmov}	0.170 ^{abde fghkly}	0.131 ^{abcde fghklmo}	0.067 ^{bcdf ghkl}
q	rrf	0.130 ^{abcde fghkl}	0.030 ^{abdf ghiklmov}	0.170 ^{abde fghkly}	0.130 ^{abcde fghkl}	0.066 ^{bcdf ghkl}
r	slidefuse	0.129 ^{abcde fghkl}	0.030 ^{abdf ghiklmov}	0.167 ^{abde fghl}	0.131 ^{abcde fghklo}	0.067 ^{bcdf ghkl}
s	bayesfuse	0.130 ^{abcde fghkl}	0.030 ^{abdf ghiklmov}	0.166 ^{abde fghl}	0.131 ^{abcde fghklo}	0.067 ^{abedf ghijklouuv}
t	wmnz	0.130 ^{abcde fghkl}	0.030 ^{abdf ghklmo}	0.167 ^{abde fghl}	0.131 ^{abcde fghklo}	0.067 ^{abedf ghijklouuv}
u	rbc	0.130 ^{abcde fghkl}	0.030 ^{abdf ghiklmov}	0.171 ^{abde fghkly}	0.130 ^{abcde fghkl}	0.066 ^{bcdf ghk}
v	logn_isr	0.130 ^{abcde fghkl}	0.030 ^{abdf ghklo}	0.166 ^{abde fghl}	0.130 ^{abcde fghkl}	0.066 ^{bcdf ghk}
w	posfuse	0.130 ^{abcde fghkl}	0.031 ^{abdf ghiklmov}	0.168 ^{abde fghl}	0.131 ^{abcde fghijklmoqu}	0.068 ^{abedf ghijklmoqr uv}
x	weighted_sum	0.130 ^{abcde fghkl}	0.031 ^{abedf ghiklmov}	0.166 ^{abde fghl}	0.132 ^{abcde fghklmo}	0.069 ^{abedf ghijklmnopqrstuvw}
y	weighted_bordafuse	0.131 ^{abcde fghklo}	0.032 ^{abcde fghijklmnopqrstuvwz}	0.161 ^{abde fghl}	0.133 ^{abcde fghijklmnopqrstuvwz}	0.071 ^{abcde fghijklmnopqrstuvwz}