Correlation values of Metrics@10 across recommendation models BPR -0.16 0.92 0.85 0.98 0.38 -0.041 -0.28 0.016 -0.18 1 0.16 0.028 -0.32 -0.0038 -0.73 -0.78 -0.65 -0.54 -0.63 ItemKNN -1 NGCF -0.028 -0.053 -0.24 -0.055 0.92 0.79 0.92 0.6 -0.15 1 RecVAE -0.85 -0.32 0.79 0.91 0.64 0.3 0.065 0.26 0.091 1 LightGCN -0.91 0.14 0.98 -0.0038 0.92 0.1 -0.14 -0.035 1 Models 0.26 Pop -0.38 -0.73 0.6 0.64 1 0.29 0.33 CDL_TFIDF_BOW_50 --0.041 -0.78 -0.053 0.3 0.1 0.85 0.91 0.89 1 CDL_all-MiniLM-L6-v2_50 --0.28 -0.65 0.065 0.91 -0.24 -0.14 0.29 0.85 1 0.95 CDL_text-embedding-ada-002_50 -0.016 -0.54 -0.055 0.26 0.14 0.26 0.91 0.91 0.95 1 CDL_text-embedding-3-large_50 --0.18 -0.63 -0.15 0.091 -0.035 0.33 0.95 0.95 0.89 1 LightGCN -BPR. ItemKNN . NGCF RecVAE Pop CDL_TFIDF_BOW_50 CDL_all-MiniLM-L6-v2_50 CDL_text-embedding-ada-002_50 CDL_text-embedding-3-large_50

- 1.00 - 0.75 - 0.50 - 0.25 - 0.00 - **-**0.25 - -0.50 - -0.75 -1.00