MRR@20 vs Sessions Removed (Shapley vs Length-Based) % of Interactions Removed 0.0% 6.6% 11.1% 15.1% 19.0% 22.3% 26.0% 29.2% 32.4% 35.1% Shapley-based Removal Length-based Removal 0.330 0.325 0.315

