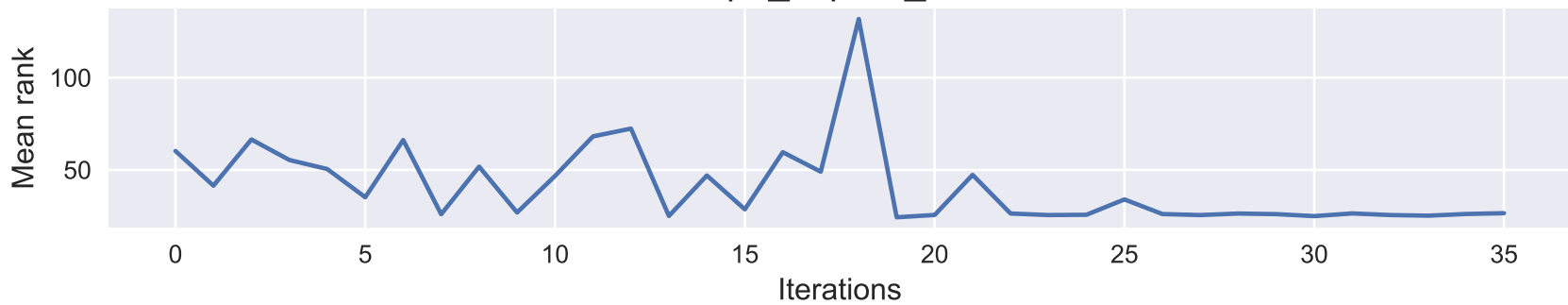
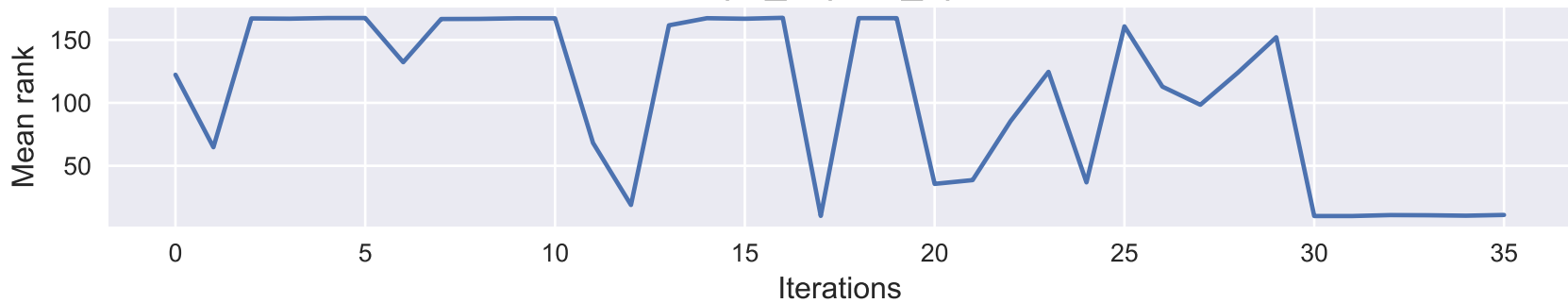


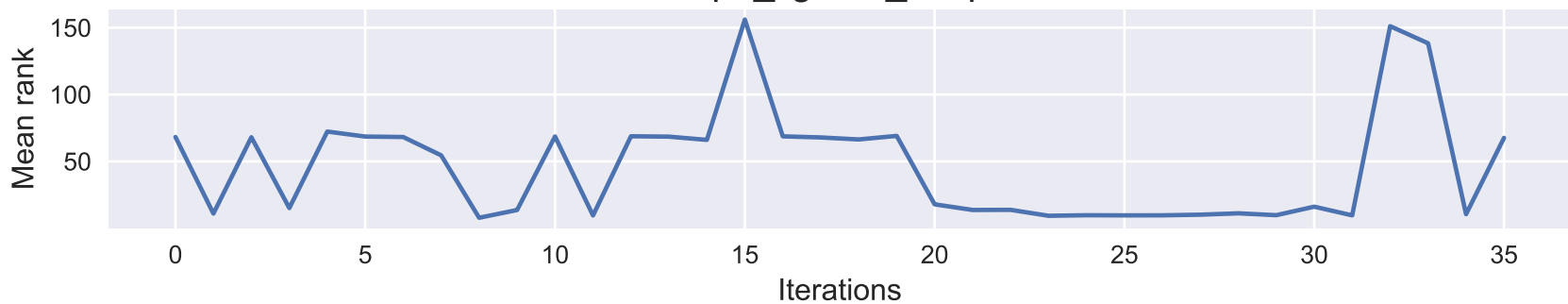
hpo_implicit_als



hpo_implicit_bpr



hpo_lightfm_warp



hpo_lightfm_bpr

