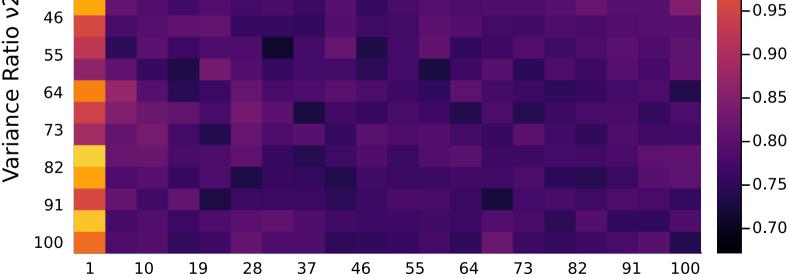HPCA/HEPPCAT [UNKNOWN VAR, NO GROUPS]