Kruskal-Wallis p=0.000 Stage M.W.W.  $p \le 0.001$ Normal 0.30 CIS+AIS **Primary** M.W.W. p  $\leq 0.05$ M.W.W.  $p \le 1e-5$ 0.25  $M.W.W.p \leq 0.05$ microenvironment score from XCELI 0 0 0 0 0 0 5 0 0 0 M.W.W.  $p \le 0.001$ 0.00 Higher Lower Mutation Shared Proportion (Union)