Kruskal-Wallis p=0.000 Stage M.W.W. p  $\leq 0.05$ 0.4 Normal CIS+AIS M.W.W. p = 0.54**Primary** M.W.W. p = 0.87microenvironment score from XCELL o o o o o M.W.W.  $p \le 0.001$ M.W.W.  $p \le 1e-4$ M.W.W.  $p \le 0.01$ M.W.W. p  $\leq 0.01$ M.W.W. p ≤ **0**.05 M.W.W. p = 0.42• 0.0 Higher Lower Mutation Shared Proportion (Union)