Kruskal-Wallis p=0.016 Stage M.W.p = 0.810.04 Normal CIS+AIS **Primary** M.W. p = 0.38M.W.W. p = 0.21M.W.W. p = 0.07M.W.W. p ≤ 0.05 M.W.W. p = 0.67M.W.W. p ≤ 0.05 M.W.W. p = 0.21M.W. p ≤ Cancer associated 0.01 0.00 Higher Lower Mutation Shared Proportion (Union & SYN)