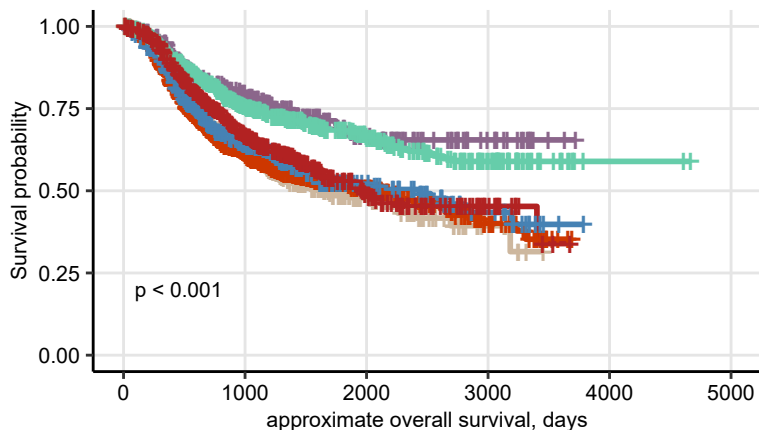


## GENIE BLCA

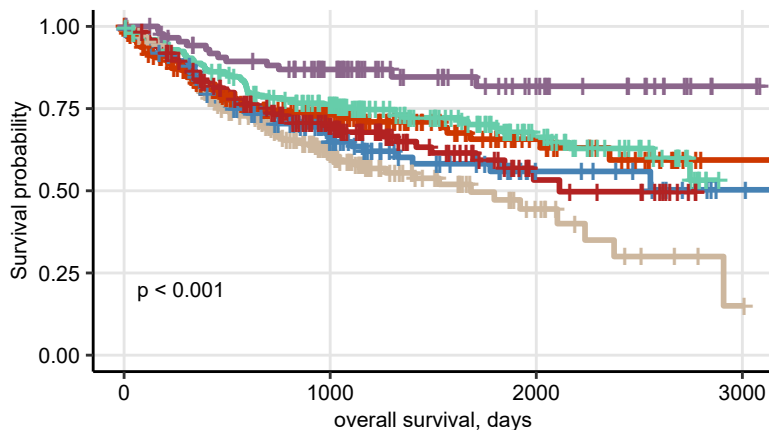
total: n = 2824, events: n = 1032



- mutRB1  
total: n = 539  
events: n = 223
- oligoMut  
total: n = 707  
events: n = 284
- hyperMut  
total: n = 240  
events: n = 61
- del9p21  
total: n = 360  
events: n = 143
- mutFGFR3  
total: n = 534  
events: n = 153
- ampMDM2  
total: n = 444  
events: n = 168

## MSK IMPACT

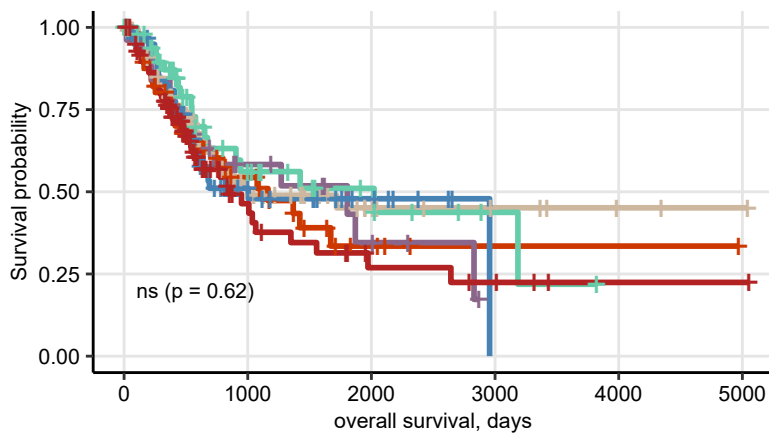
total: n = 983, events: n = 319



- mutRB1  
total: n = 212  
events: n = 89
- oligoMut  
total: n = 194  
events: n = 55
- hyperMut  
total: n = 89  
events: n = 13
- del9p21  
total: n = 125  
events: n = 46
- mutFGFR3  
total: n = 199  
events: n = 60
- ampMDM2  
total: n = 164  
events: n = 56

## TCGA BLCA

total: n = 401, events: n = 176



- mutRB1  
total: n = 105  
events: n = 42
- oligoMut  
total: n = 58  
events: n = 27
- hyperMut  
total: n = 27  
events: n = 14
- del9p21  
total: n = 61  
events: n = 28
- mutFGFR3  
total: n = 52  
events: n = 19
- ampMDM2  
total: n = 98  
events: n = 46