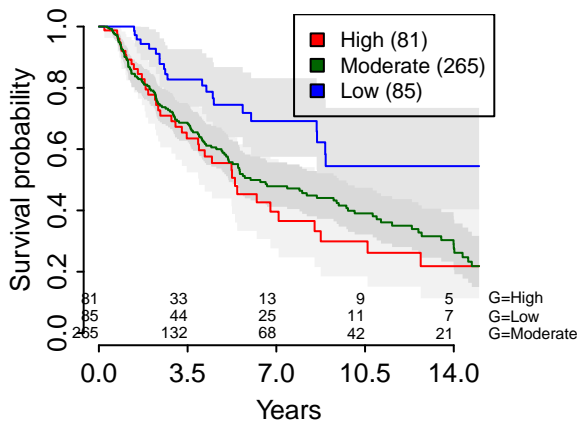


# Figure 5A

**TCGA (immune resistance)**

**P=2.6e-04, Pc=3.0e-02**

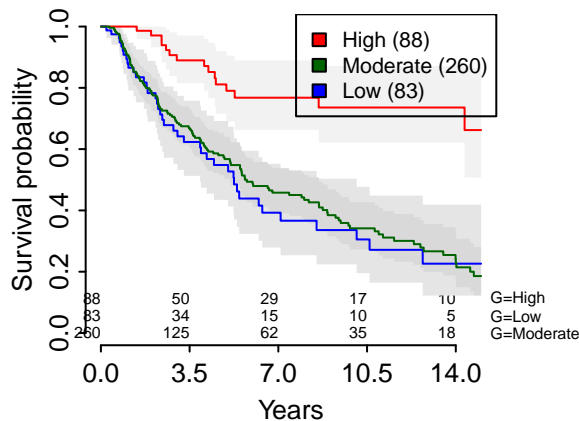
**logrank=6.6e-04**



**TCGA (immune resistance down)**

**P=3.4e-05, Pc=4.8e-03**

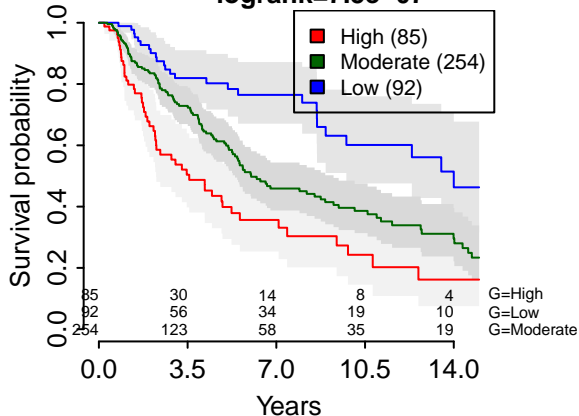
**logrank=3.1e-07**



**TCGA (immune resistance  
minus T cell levels)**

**P=9.1e-08, Pc=3.0e-02**

**logrank=7.5e-07**

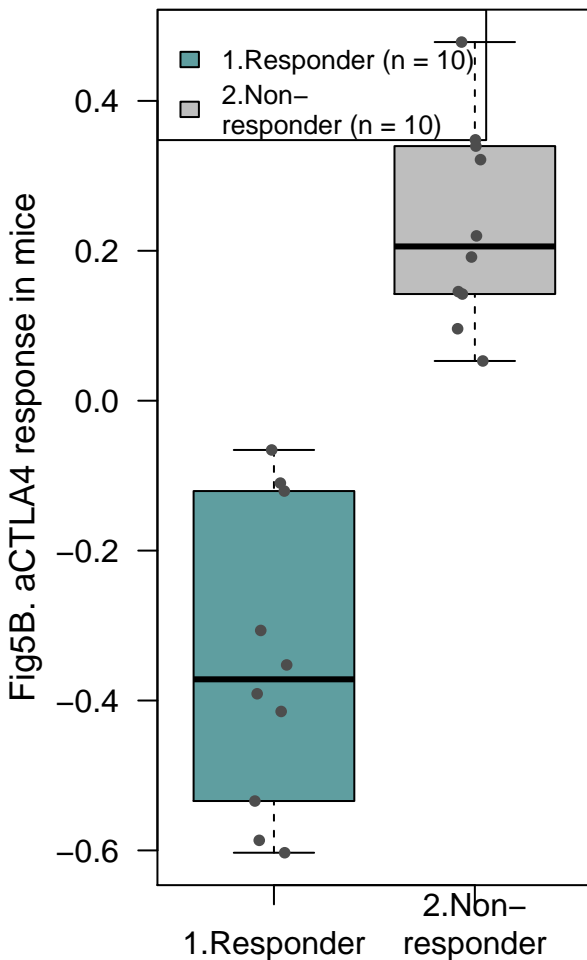


## Figure 5B–C

**Fig5B. aCTLA4 response in mice**

(t-test  $P = 4.9\text{e-}07$

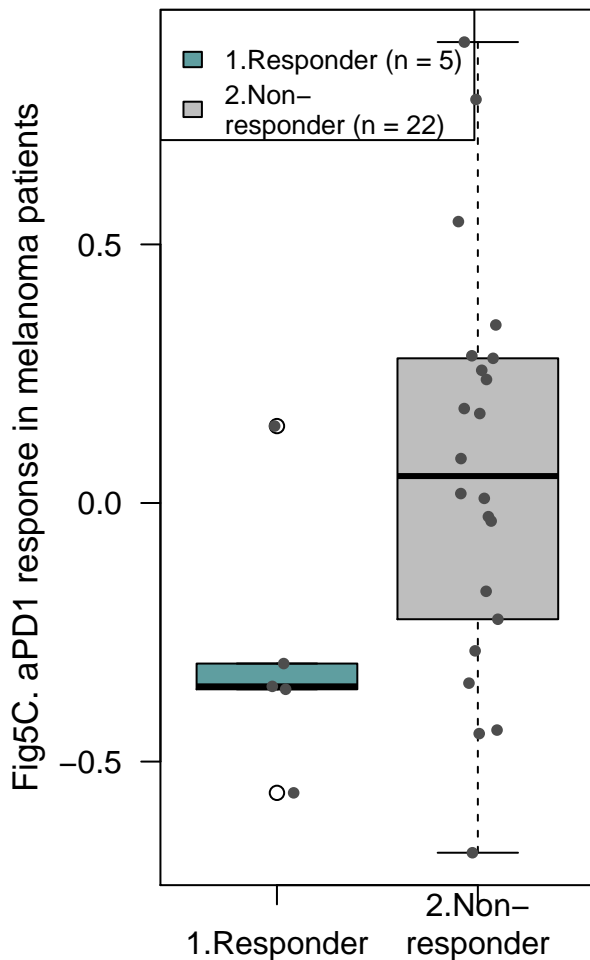
AUC = 1)



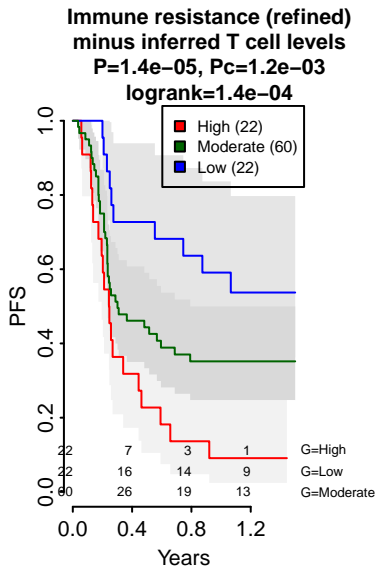
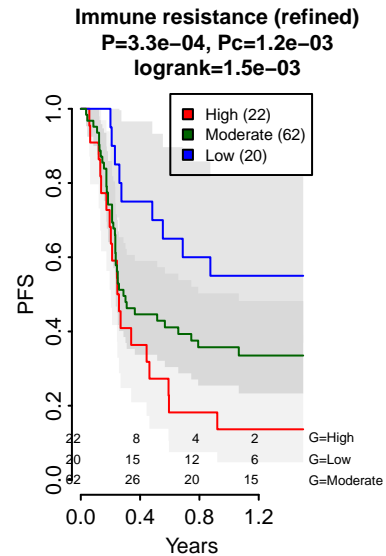
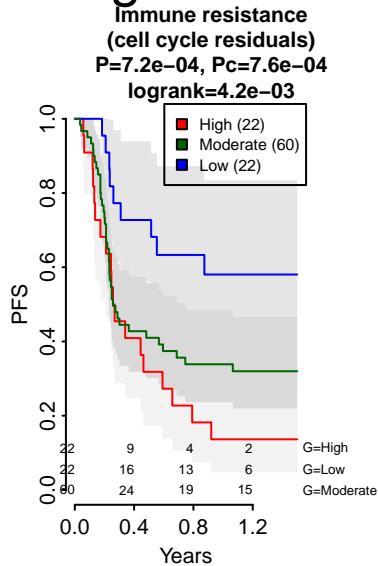
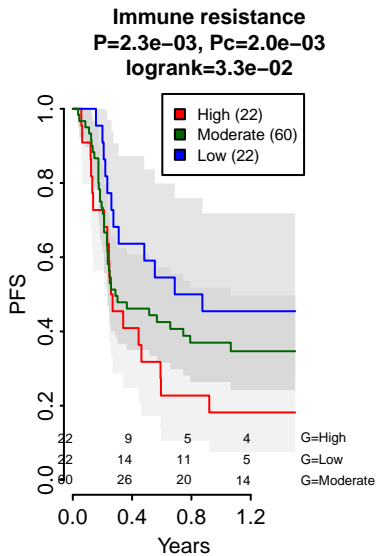
**Fig5C. aPD1 response in melanoma patients**

(t-test  $P = 1.9\text{e-}02$

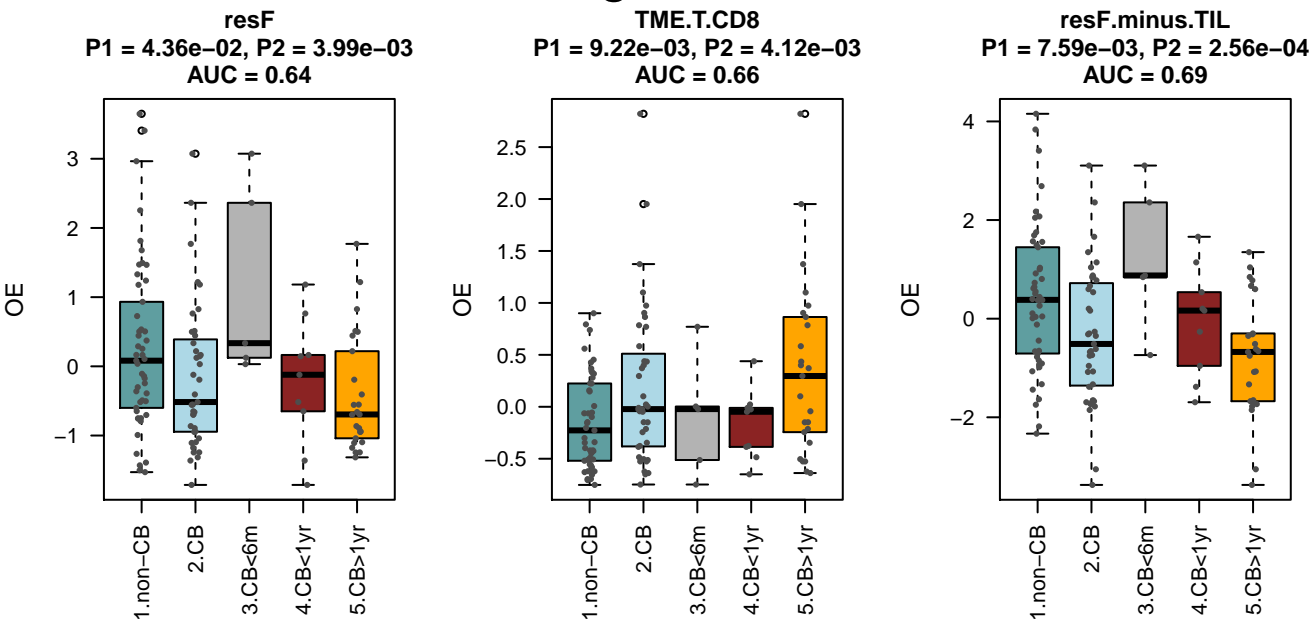
AUC = 0.79)



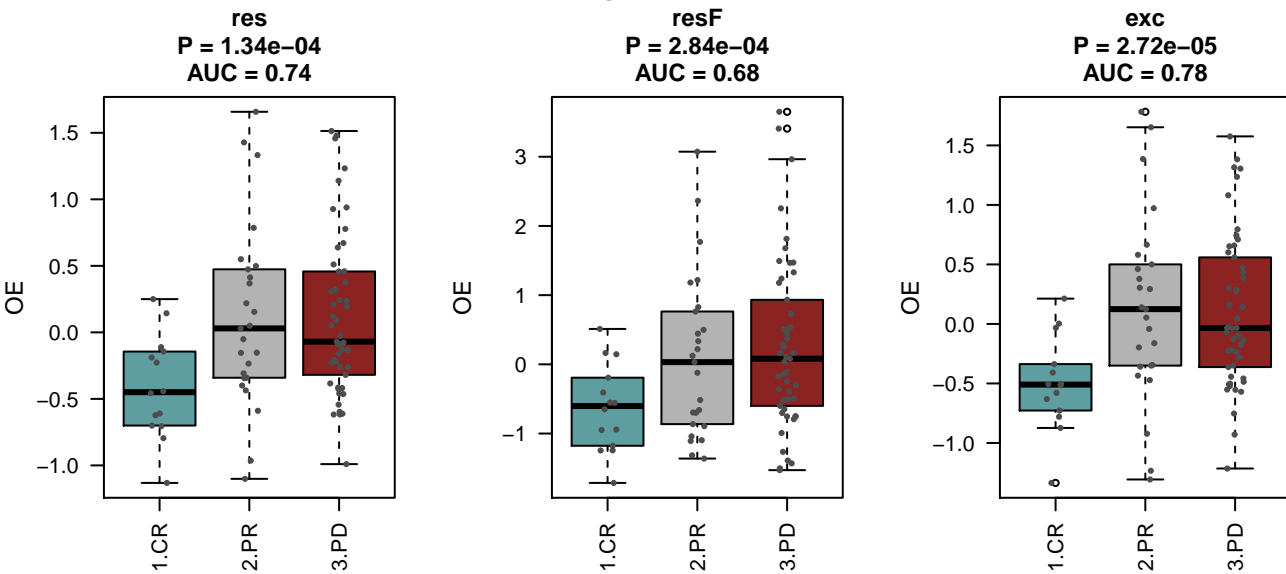
# Figure 5D



# Figure 5F

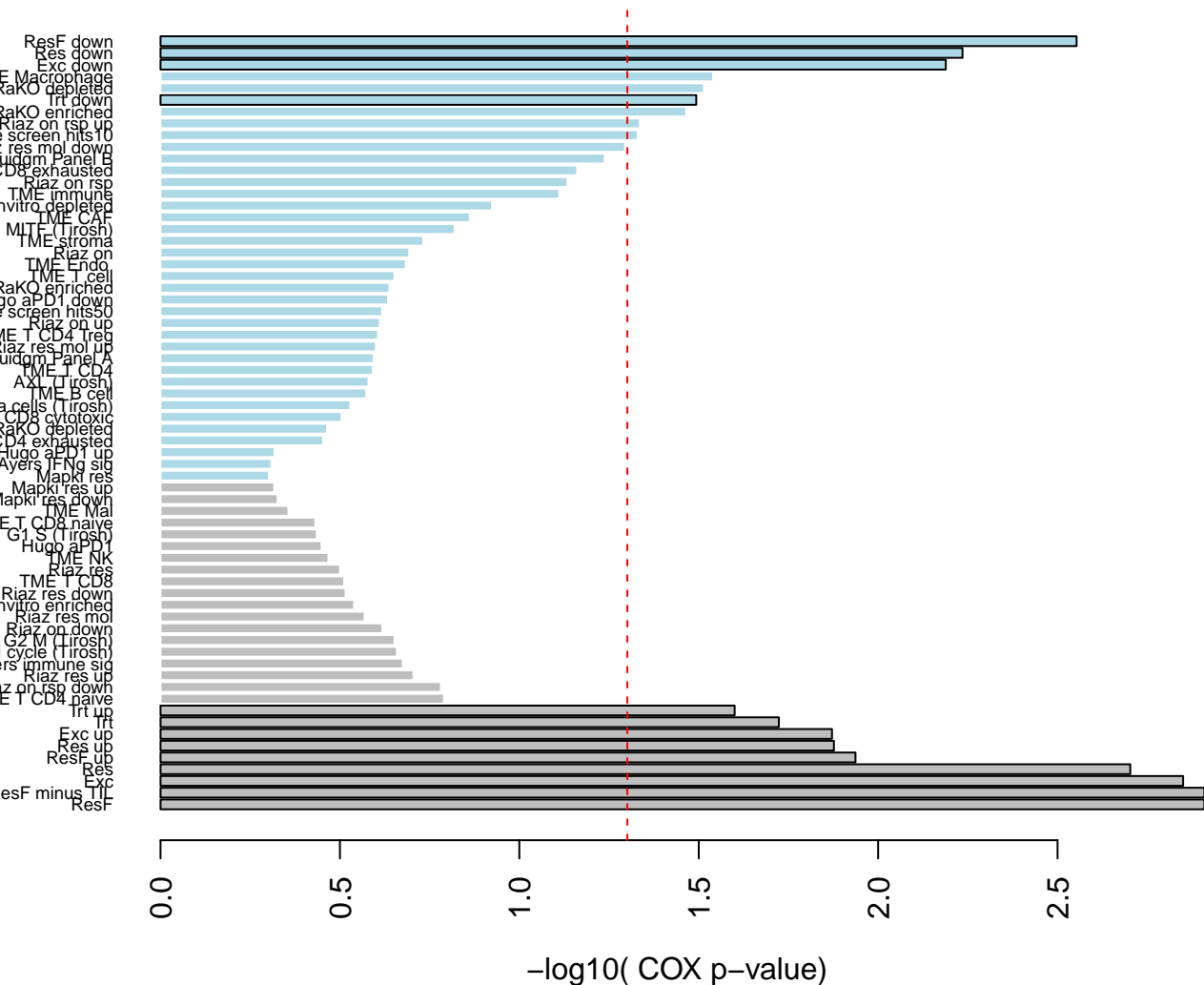


# Figure 5G



# Figure 5E

**P = 1.75e-08**



# Figure 5H

**P = 1.24e-07**

