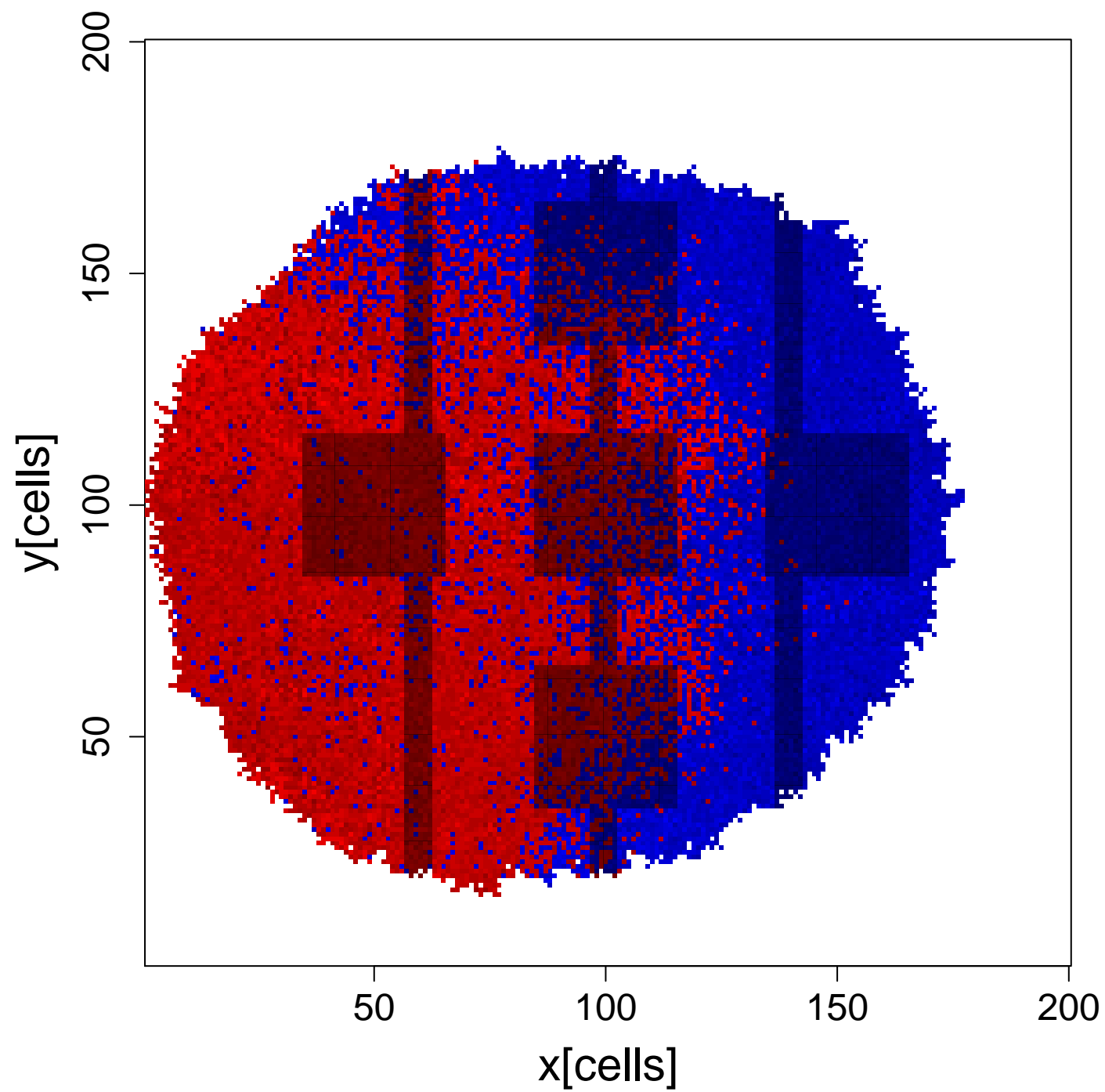
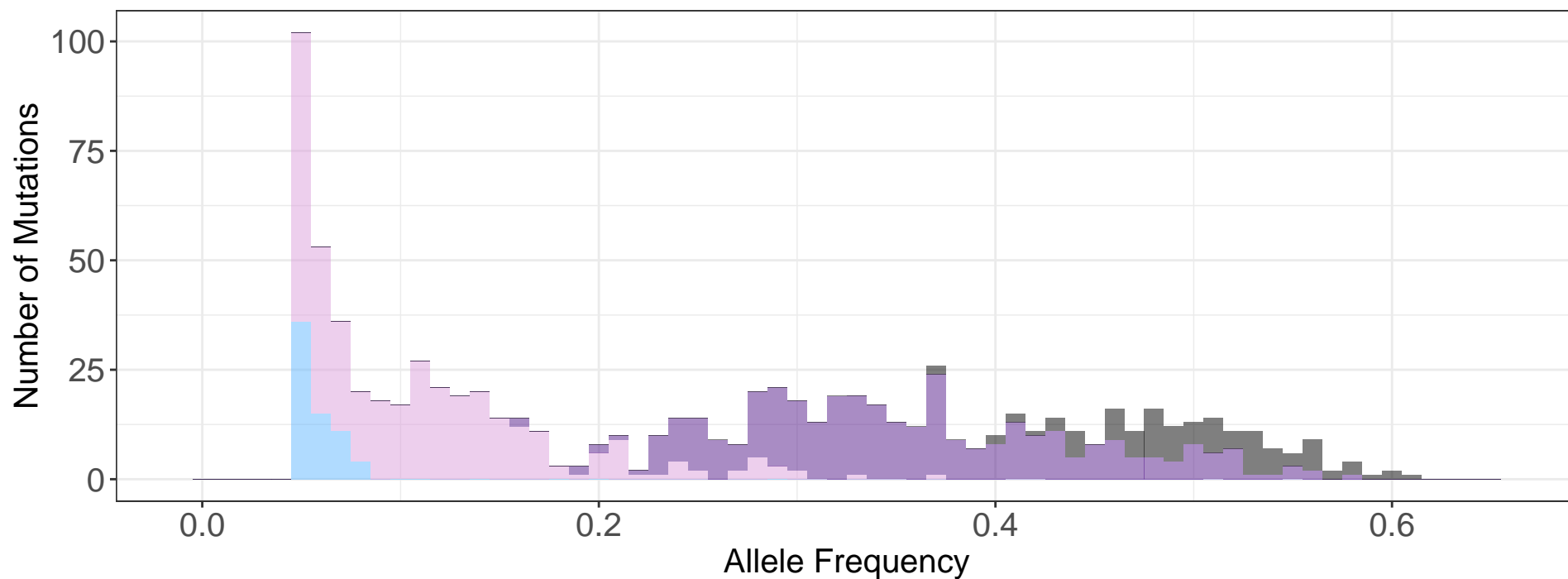


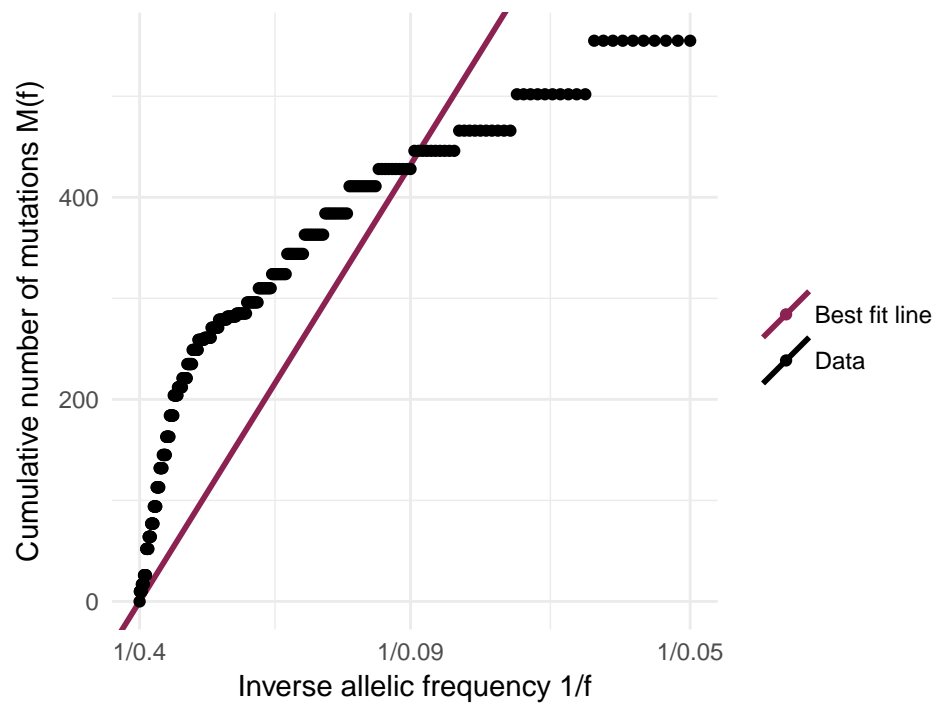
T1: wt\_death=0 mt\_death=0 mu=30 s=1 t=4



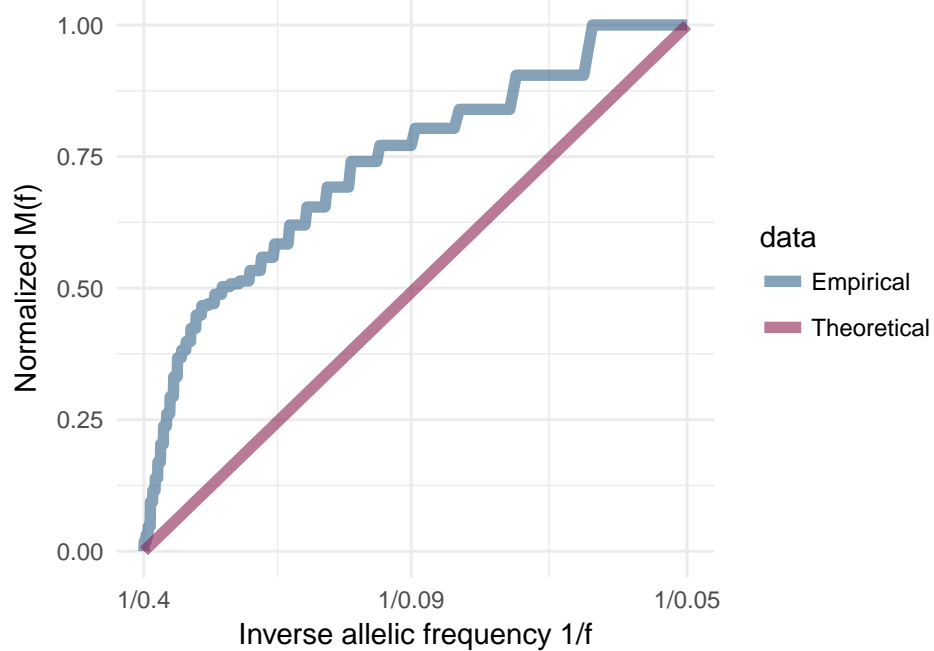
AUC  $p = 0$   $R^2 = 0.83$   $u = 50.18$  Whole Tumour – T1



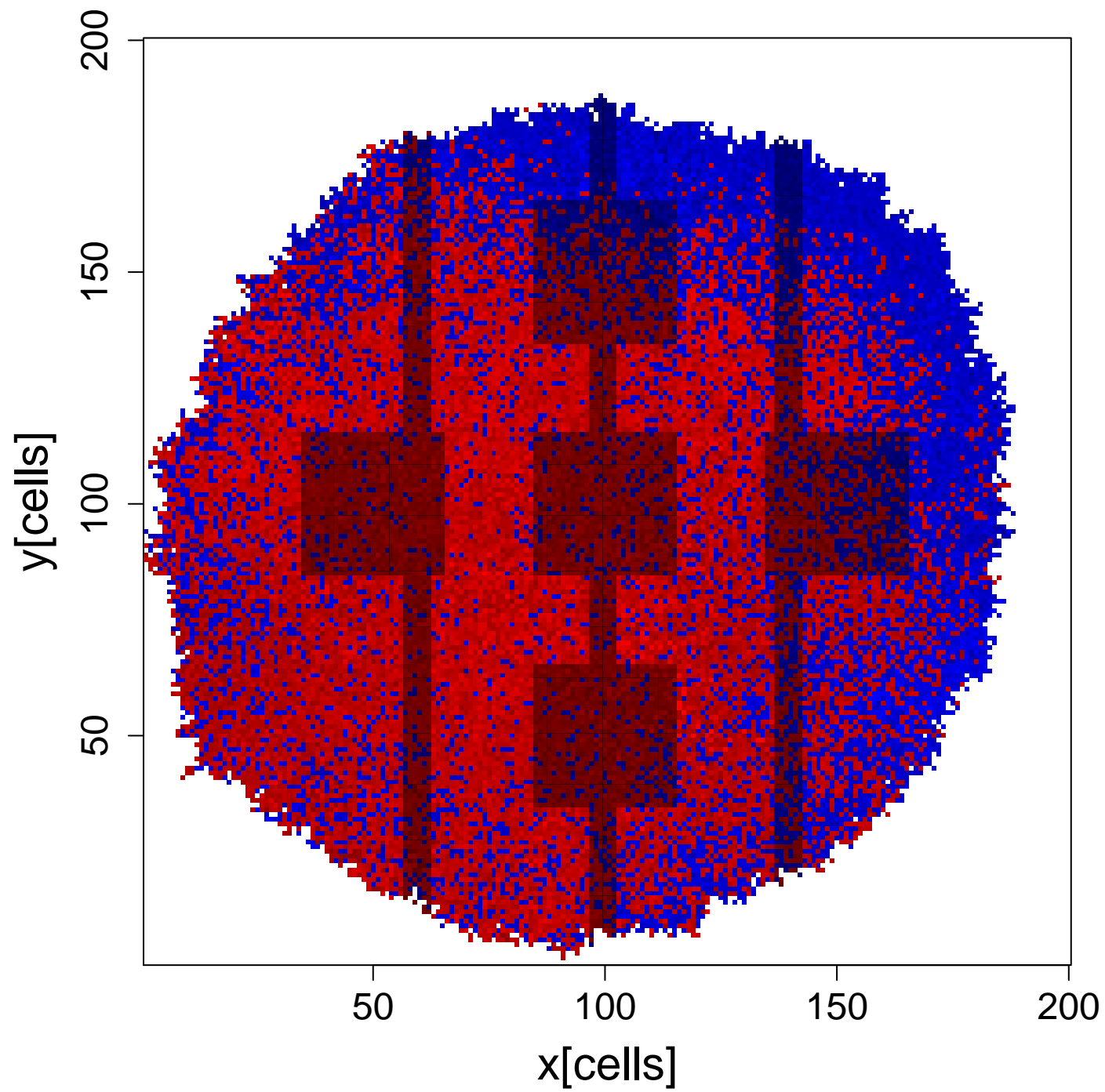
Linear Model:  $rsq = 0.83$   $rsq_{pv} = 0.001$   $mut.rate = 50.18$



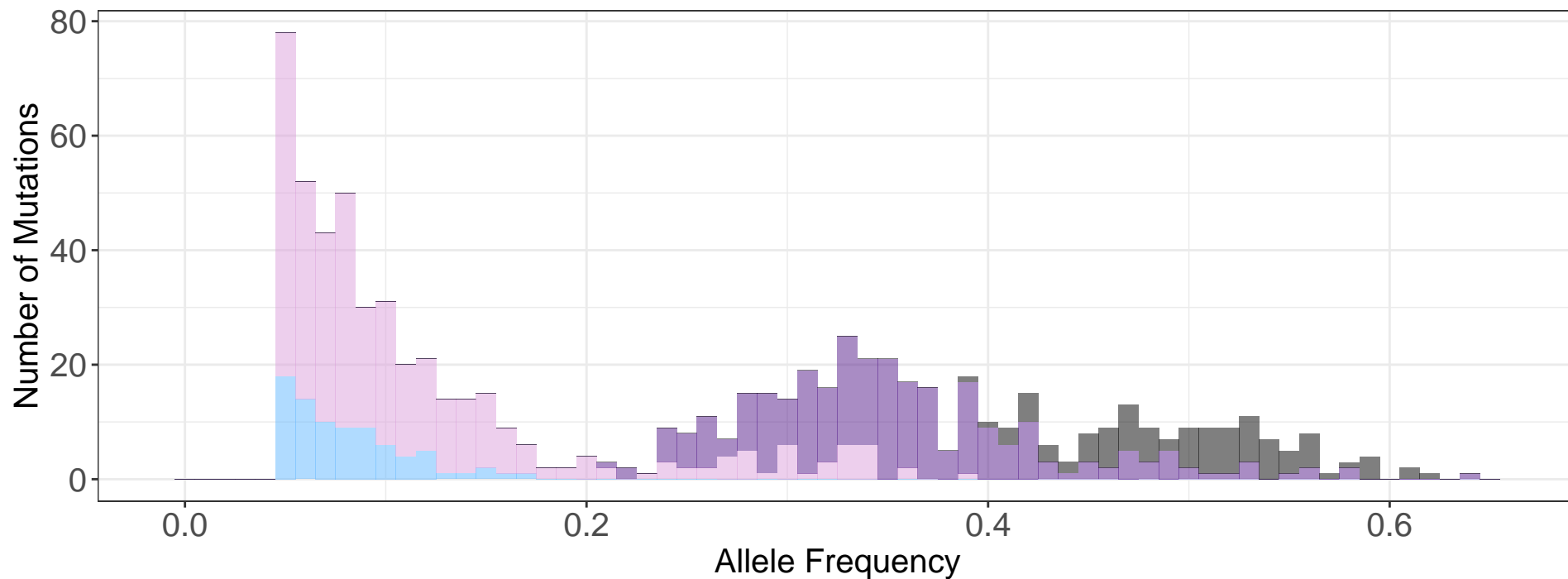
Normalized CDF: Area=0.23(0.002)  
DK=0.36(0.004) mDist=0.25(0.002)



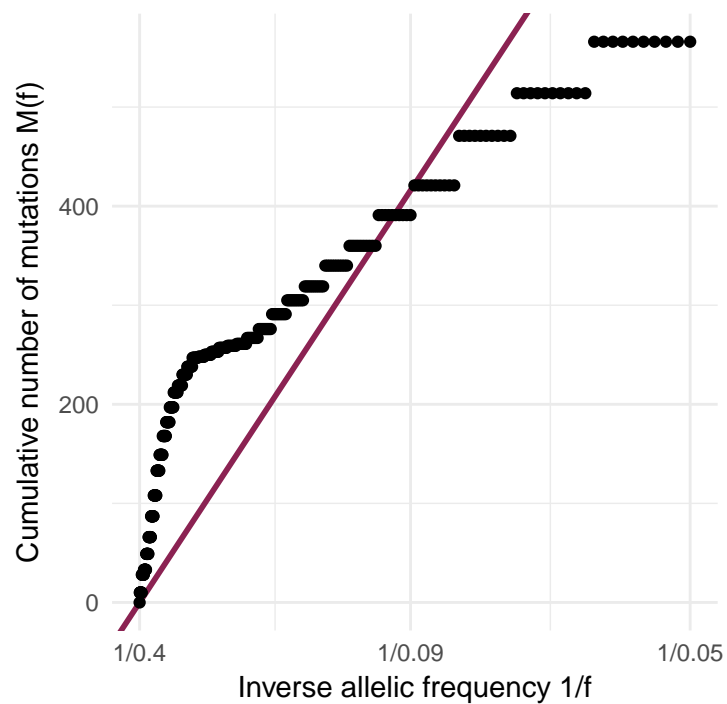
T2: wt\_death=0 mt\_death=0 mu=20 s=1 t=5



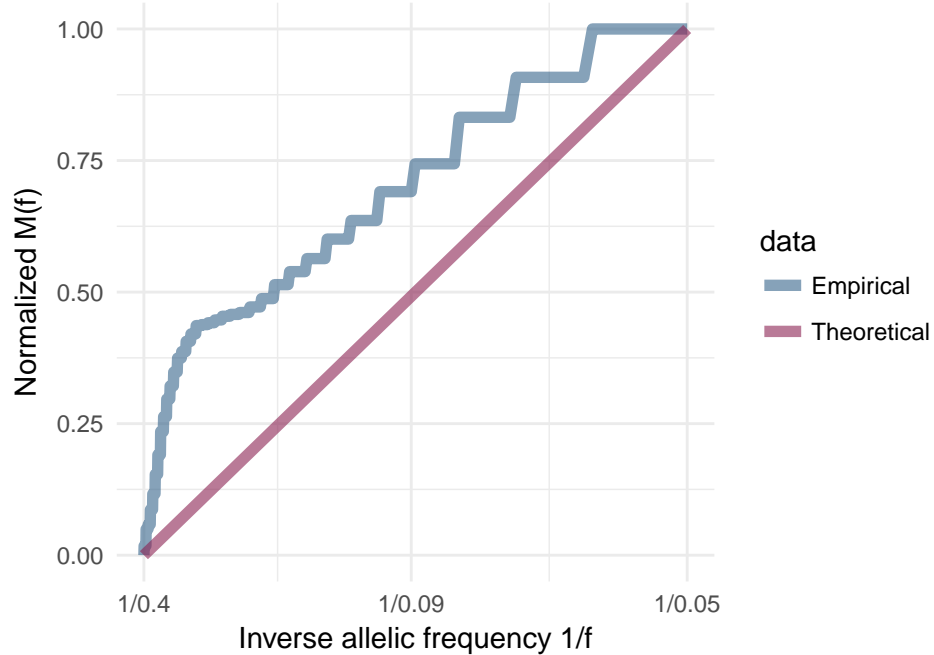
AUC  $p = 0.01$   $R^2 = 0.84$   $u = 48.3$  Whole Tumour – T2



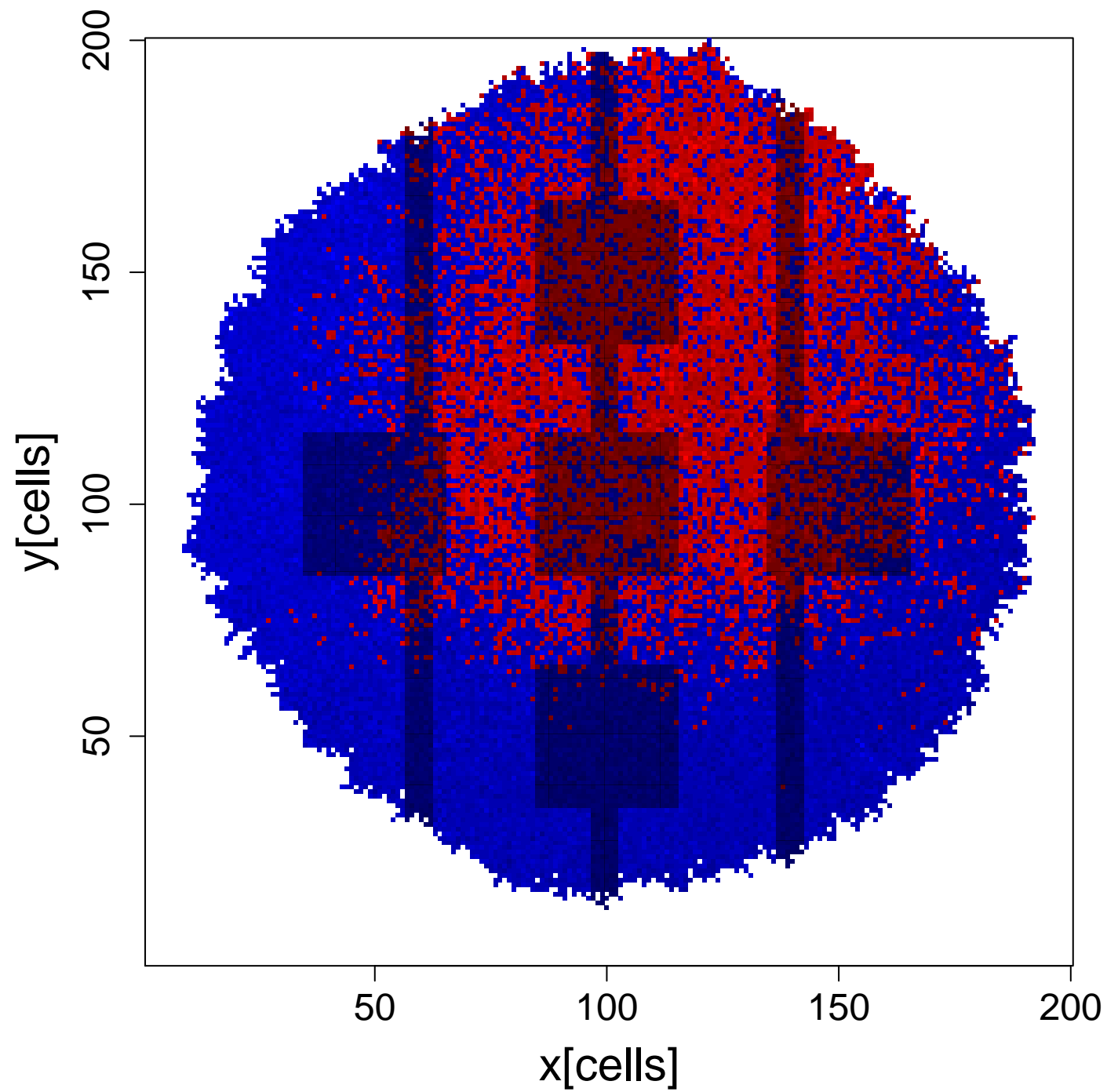
Linear Model:  $rsq = 0.84$   $rsq\_pv = 0.001$   $mut.rate = 48.3$



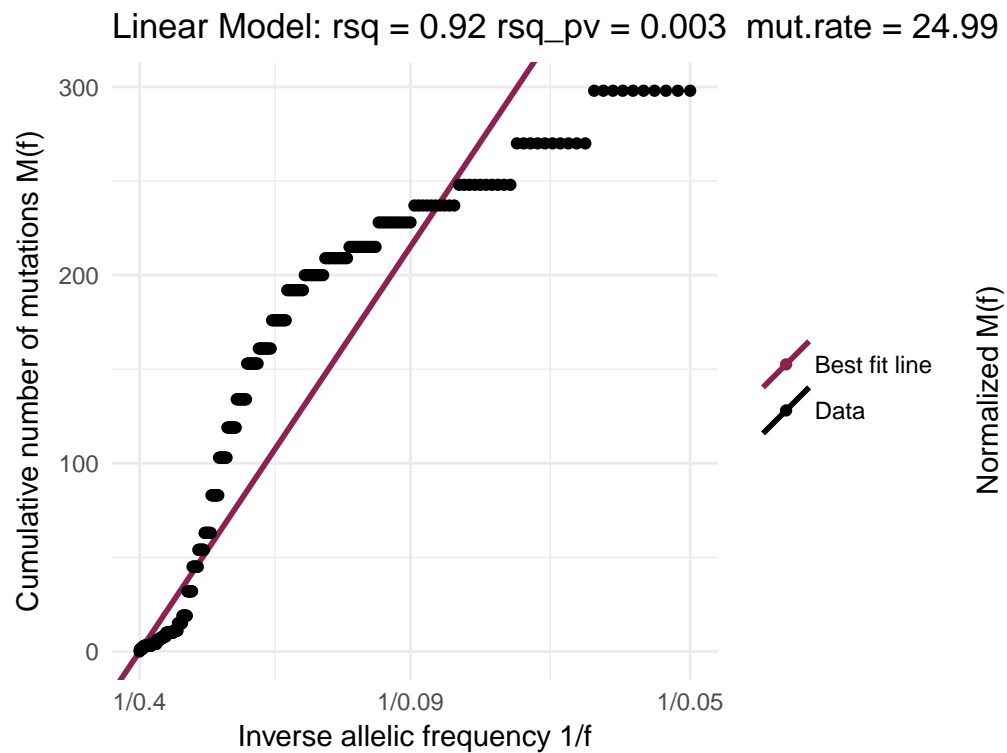
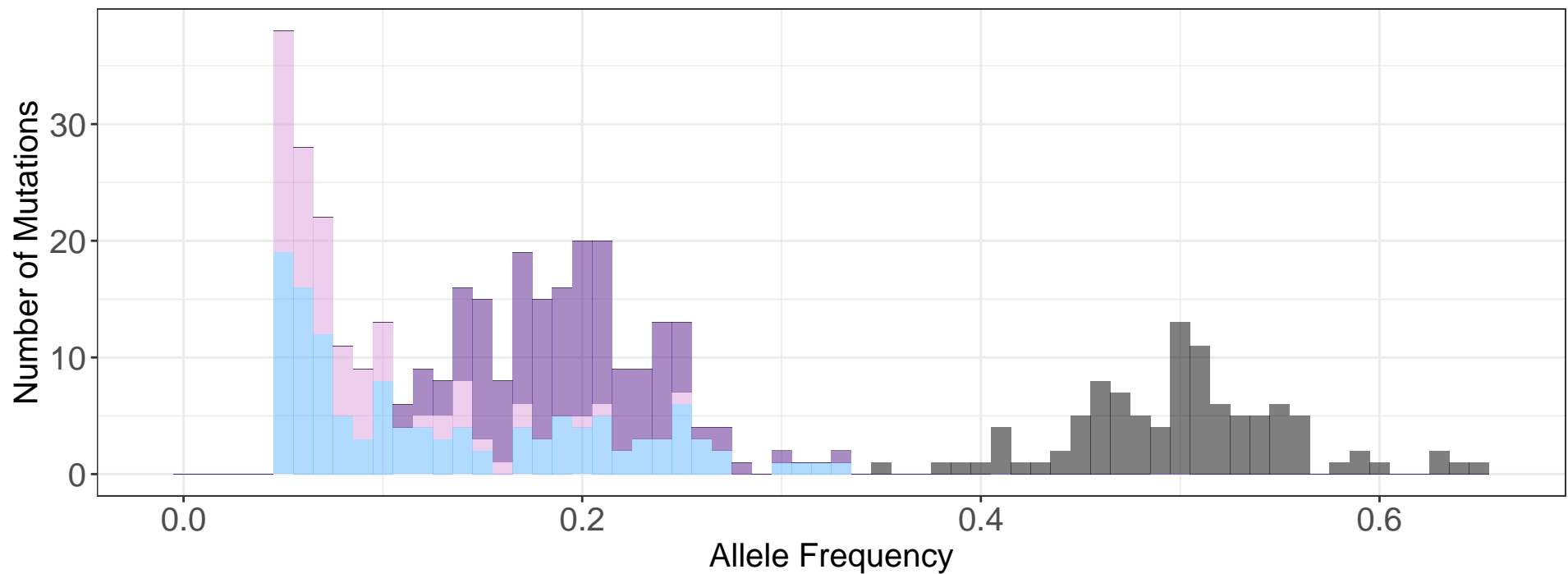
Normalized CDF: Area=0.2(0.007)  
DK=0.33(0.009) mDist=0.23(0.003)



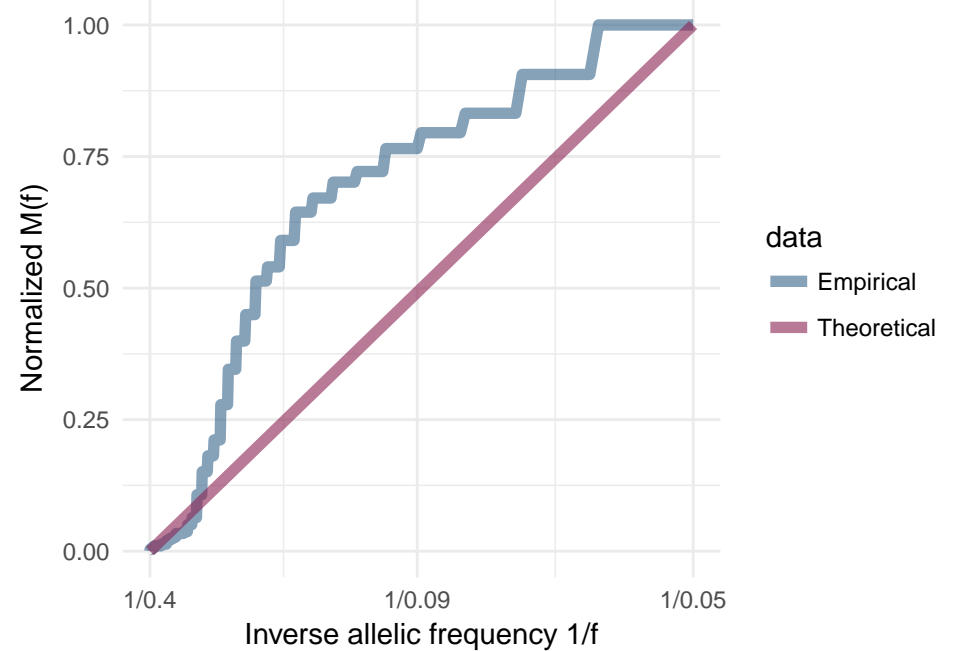
T3: wt\_death=0 mt\_death=0 mu=10 s=1 t=6



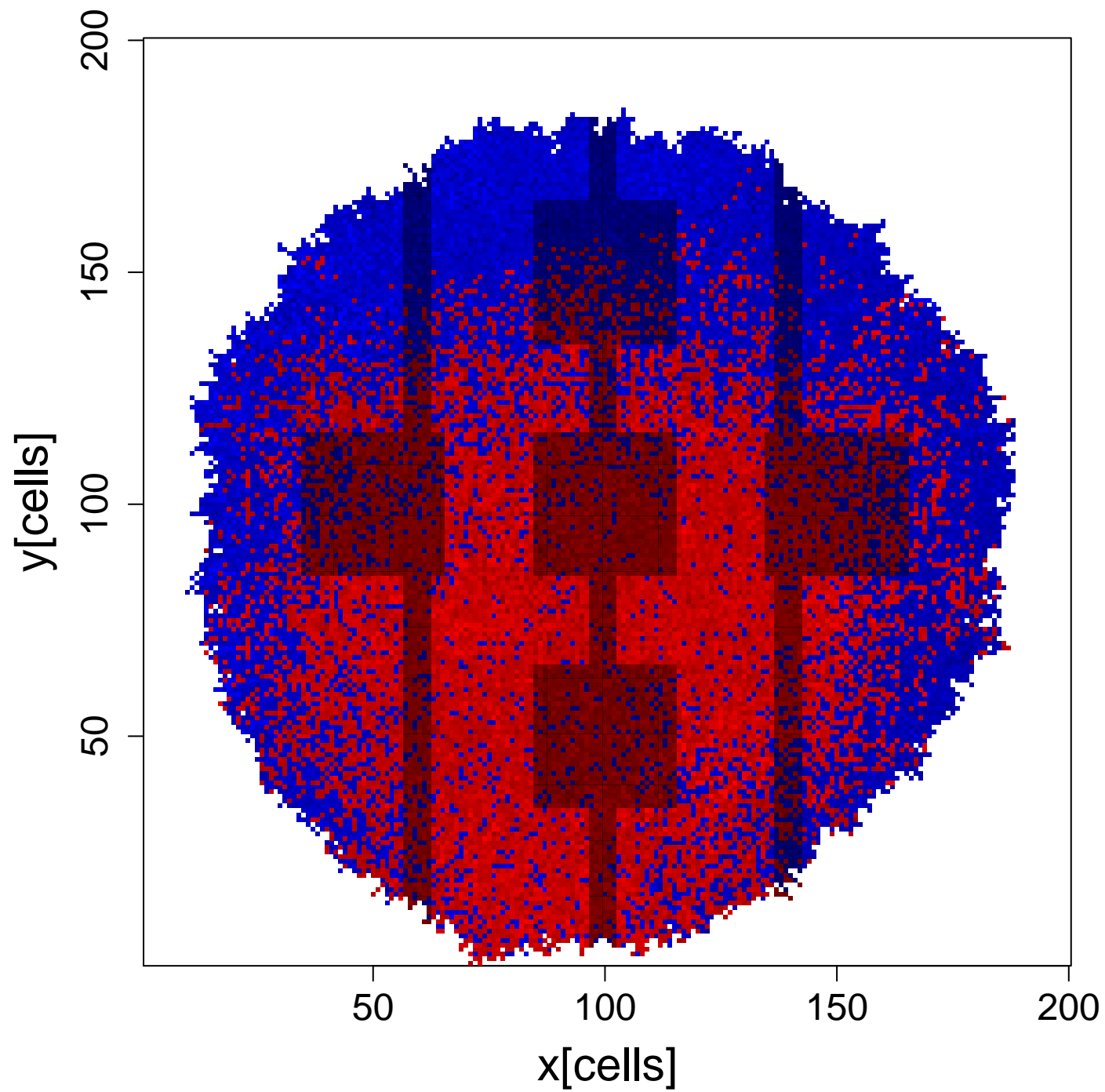
**AUC  $p = 0.01$   $R^2 = 0.92$   $u = 24.99$  Whole Tumour – T3**



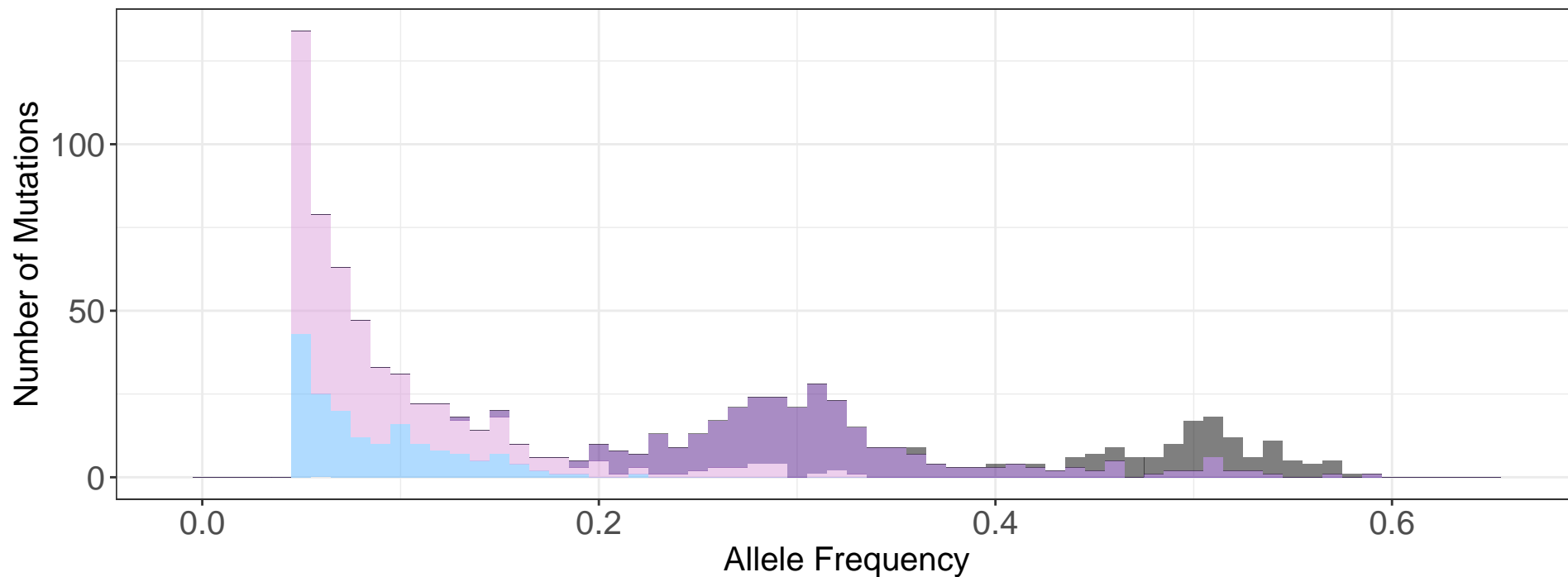
Normalized CDF: Area=0.19(0.01)  
DK=0.38(0.003) mDist=0.13(0.065)



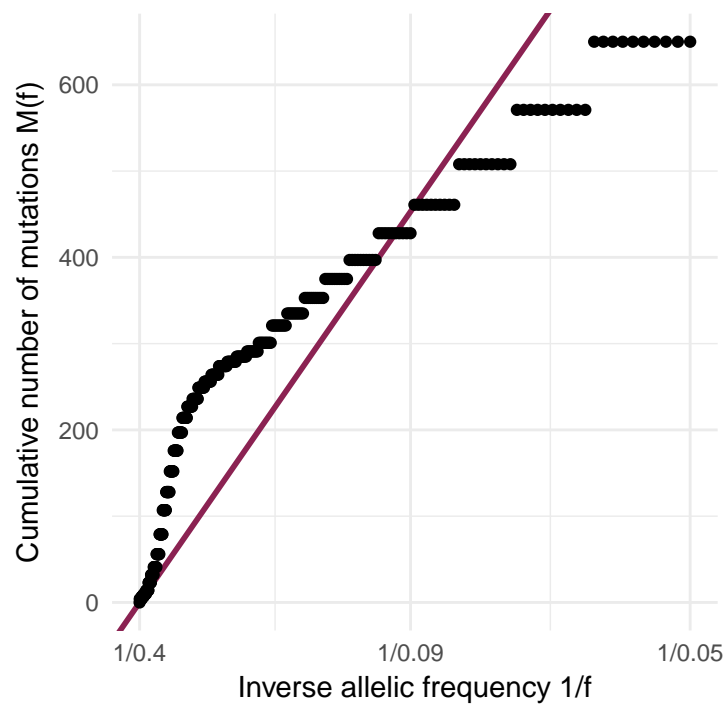
T4: wt\_death=0 mt\_death=0 mu=30 s=1 t=6



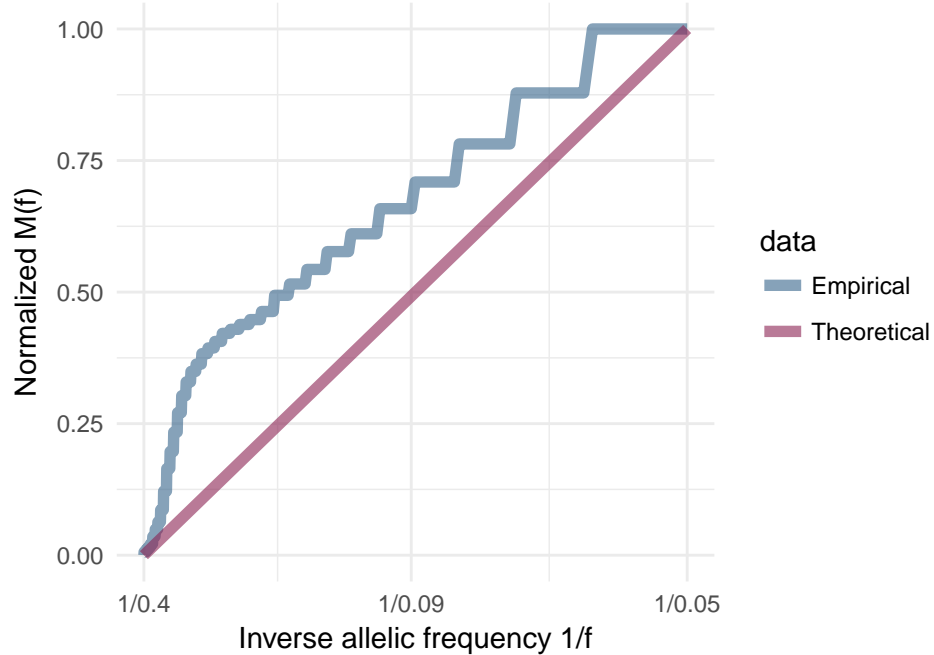
AUC  $p = 0.02$   $R^2 = 0.89$   $u = 52.6$  Whole Tumour – T4



Linear Model:  $rsq = 0.89$   $rsq\_pv = 0.001$   $mut.rate = 52.6$

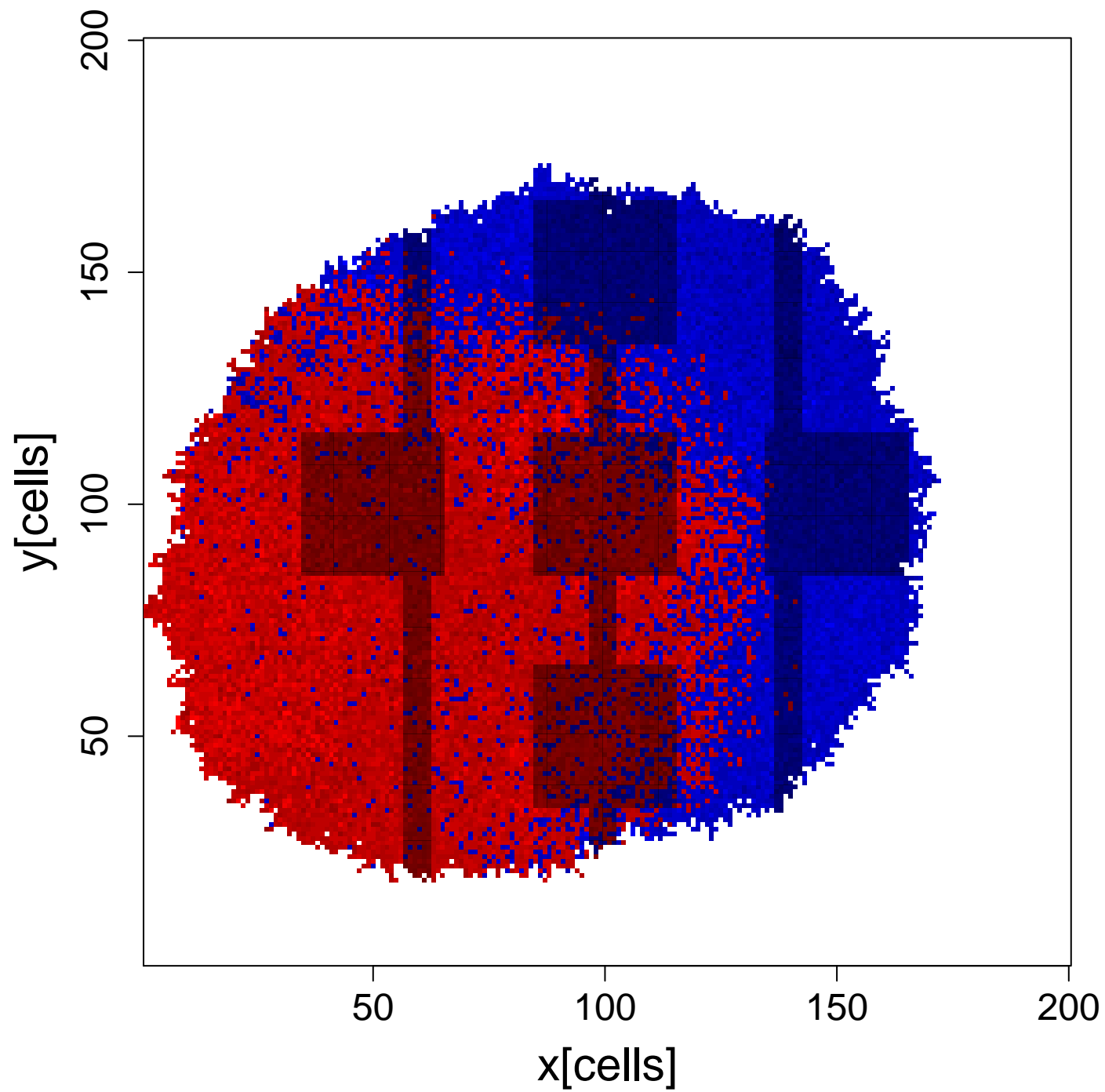


Normalized CDF: Area=0.17(0.024)  
DK=0.28(0.03) mDist=0.17(0.023)

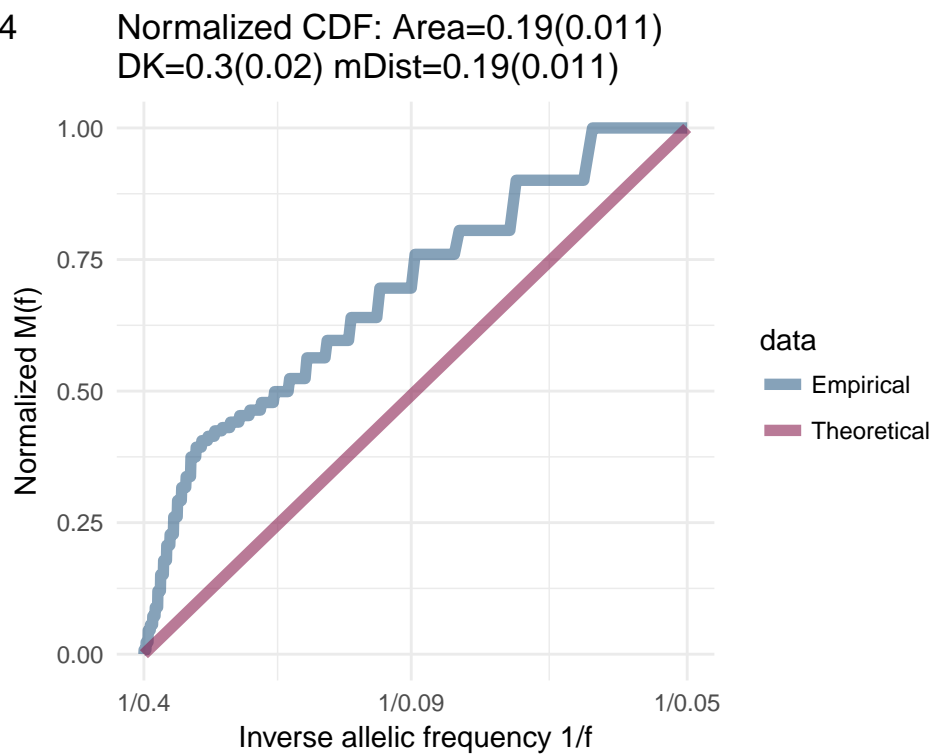
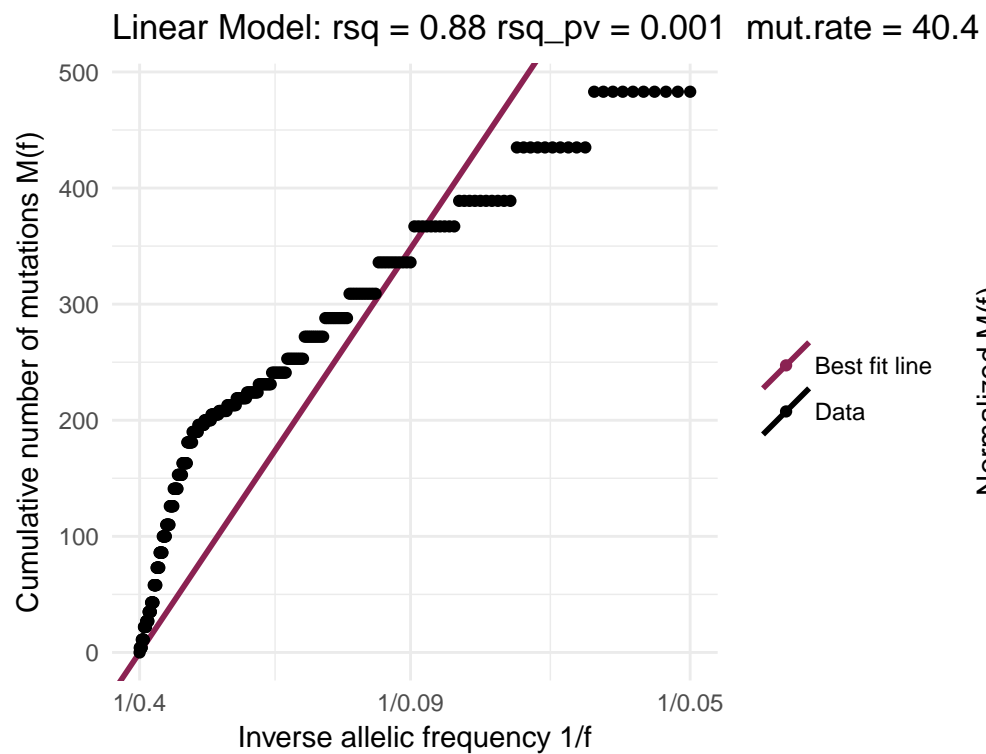
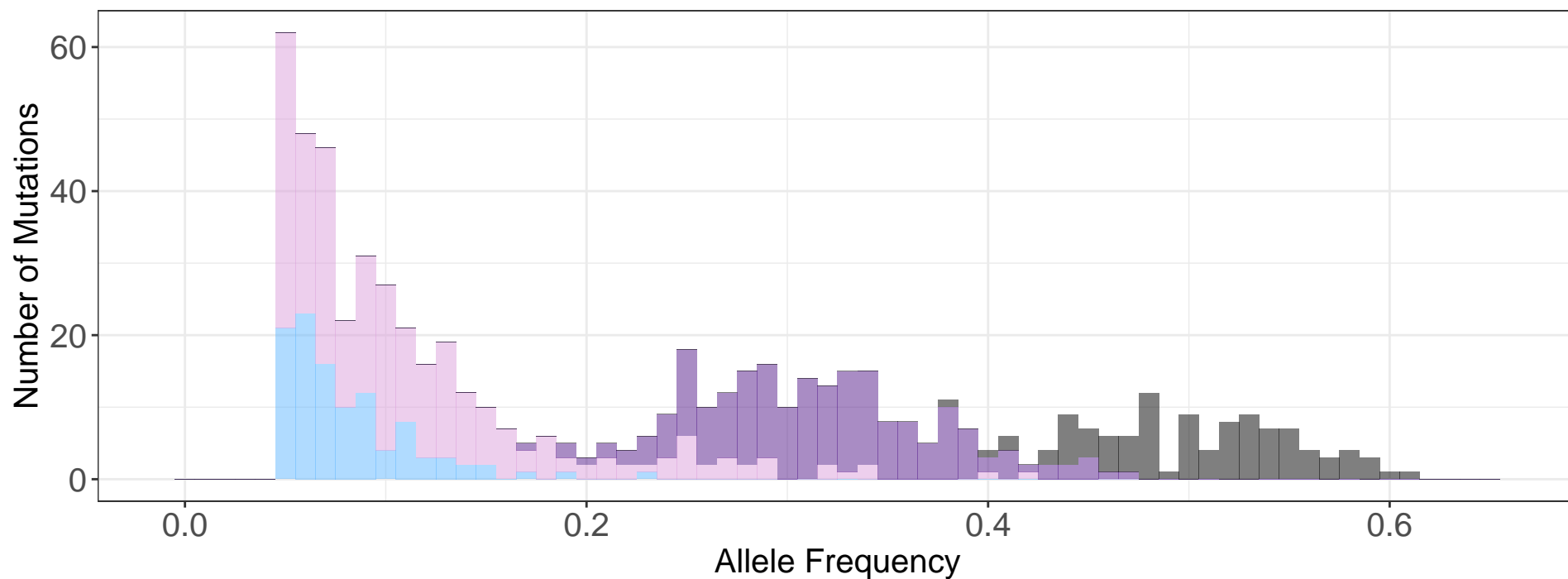




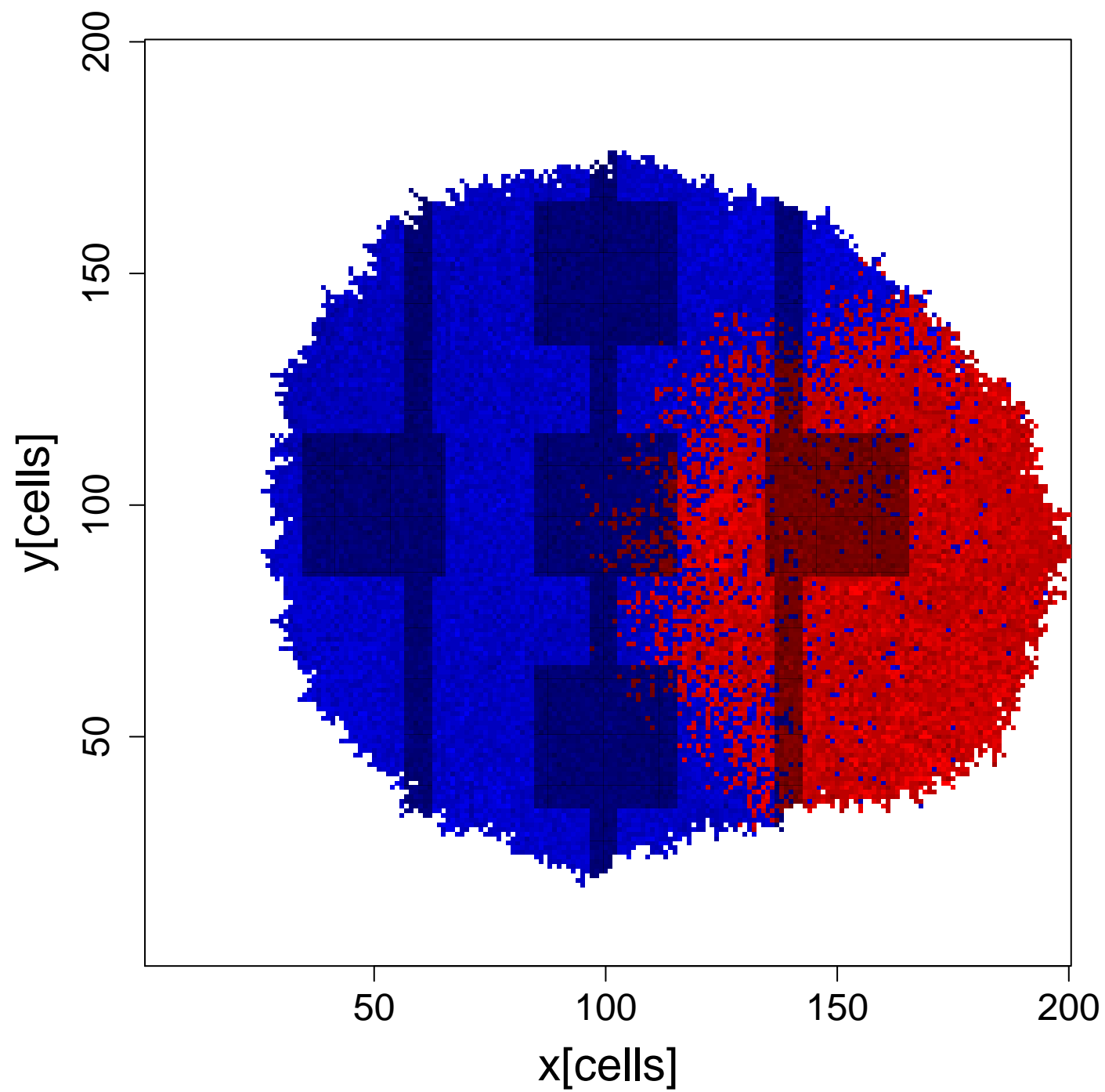
T5: wt\_death=0 mt\_death=0 mu=20 s=2 t=6



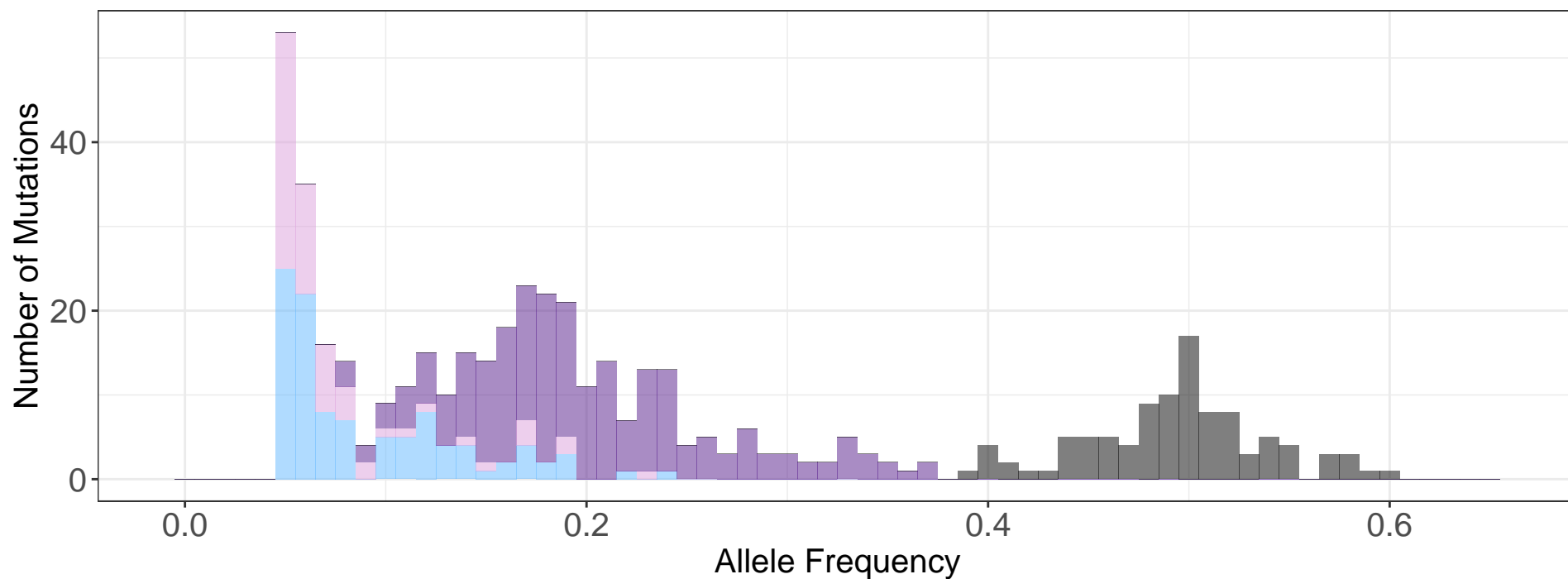
AUC  $p = 0.01$   $R^2 = 0.88$   $u = 40.4$  Whole Tumour – T5



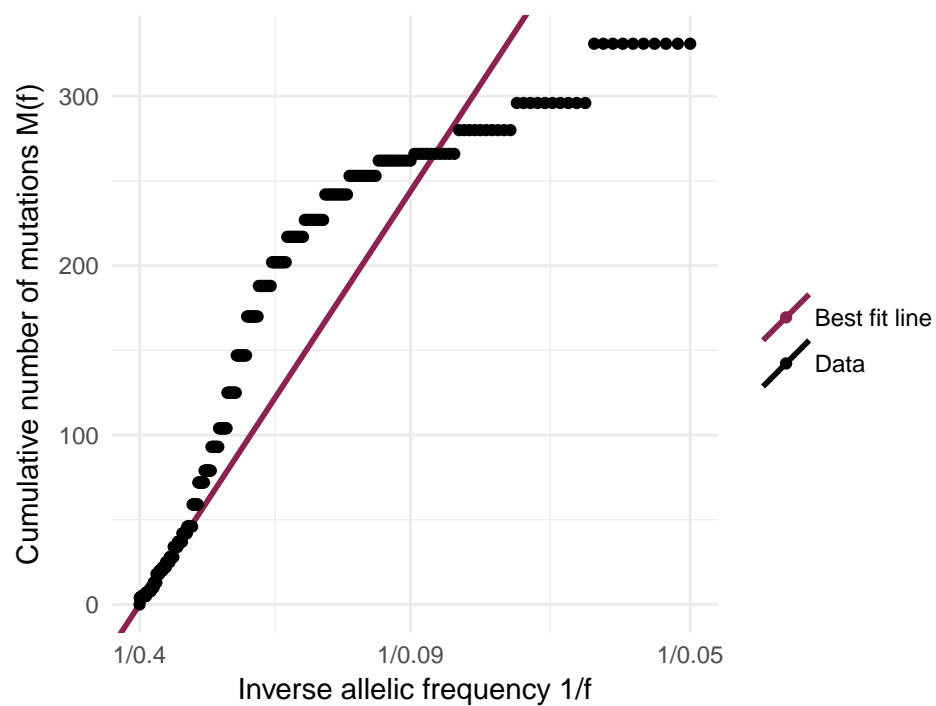
**T6: wt\_death=0 mt\_death=0 mu=10 s=2 t=6**



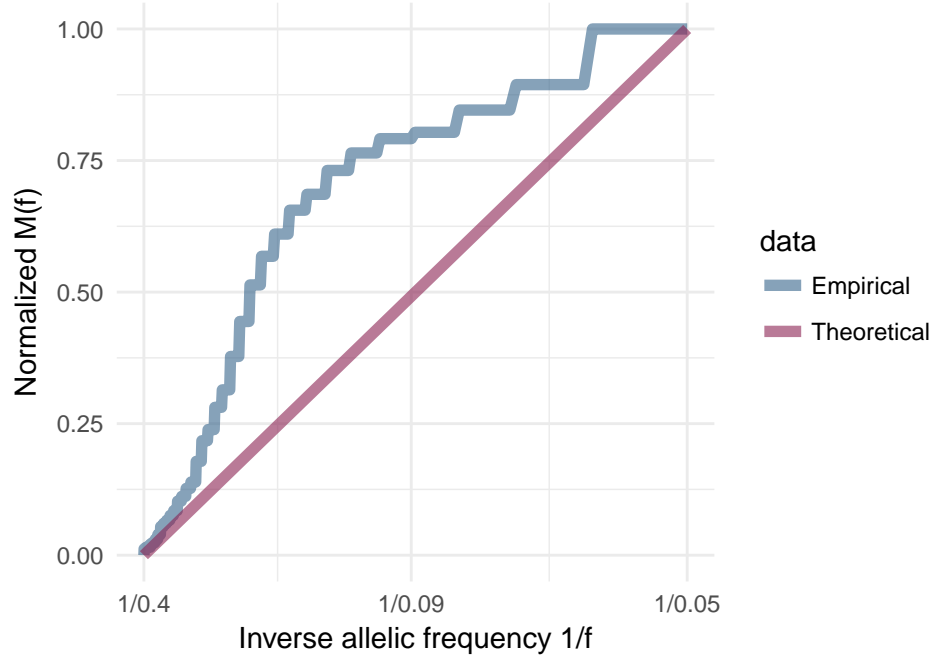
AUC  $p = 0.01$   $R^2 = 0.92$   $u = 28.32$  Whole Tumour – T6



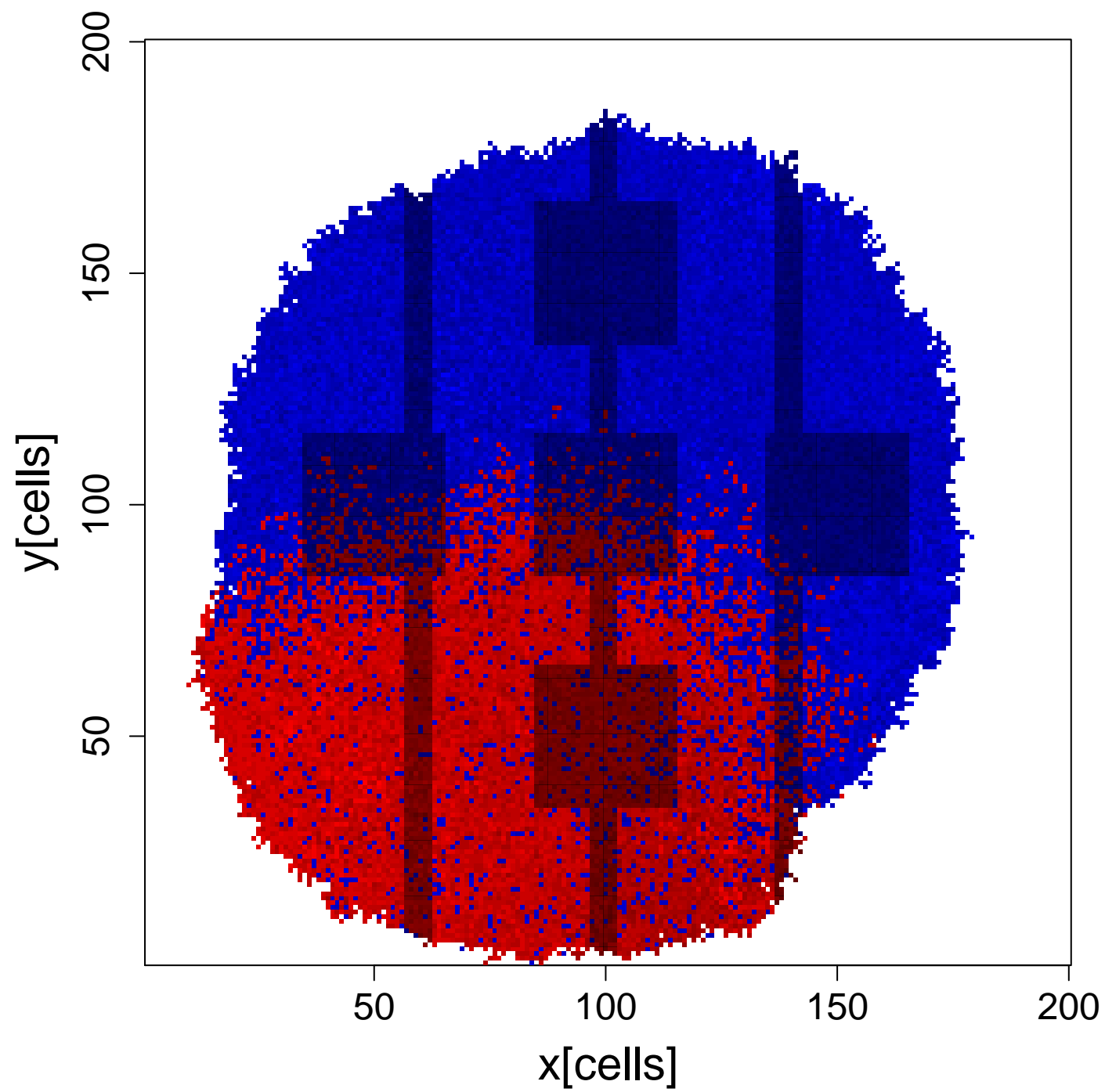
Linear Model:  $rsq = 0.92$   $rsq\_pv = 0.003$   $mut.rate = 28.32$



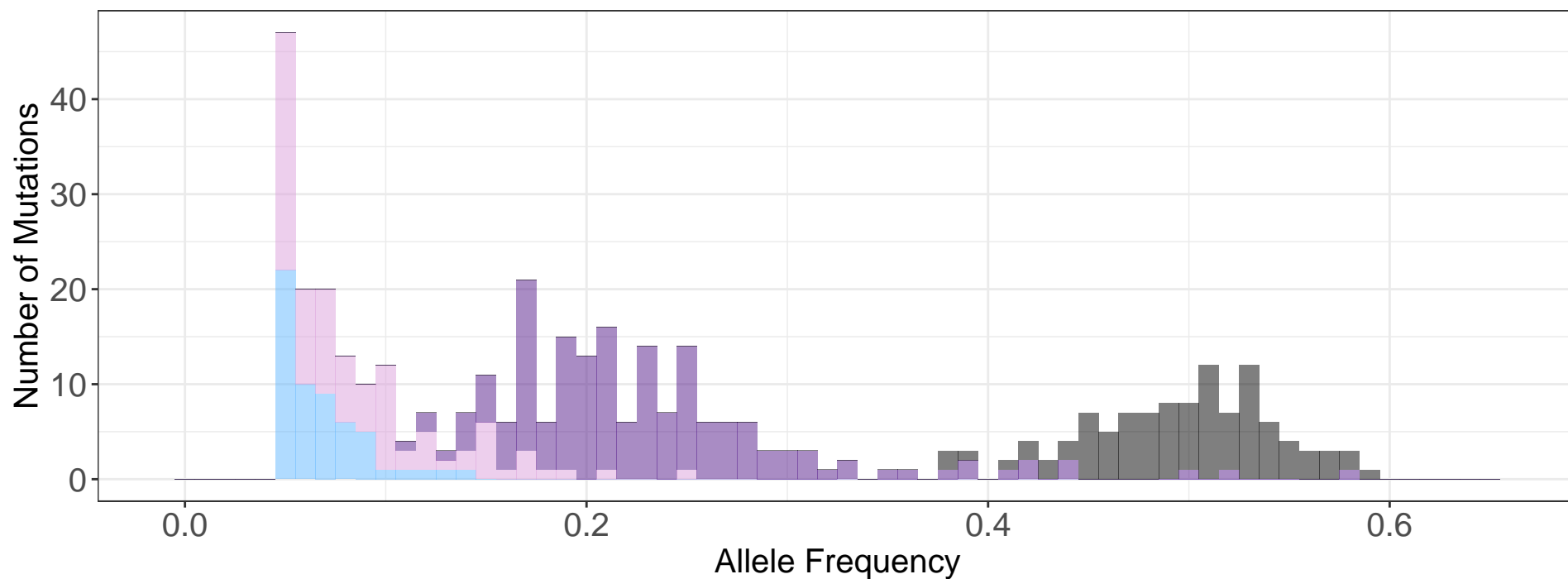
Normalized CDF: Area=0.21(0.006)  
DK=0.39(0.002) mDist=0.14(0.049)



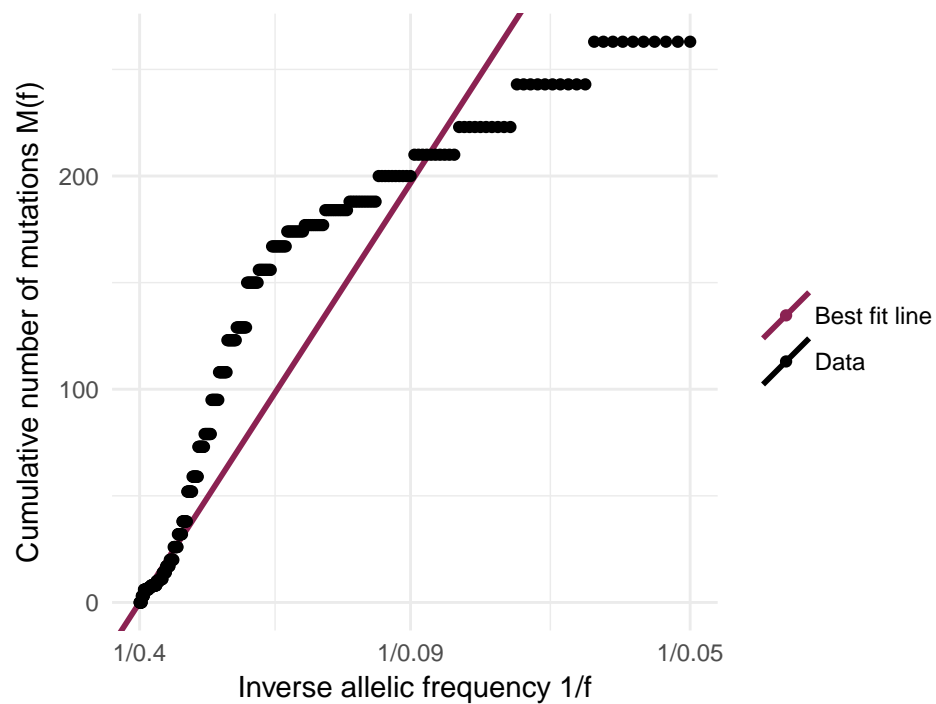
T7: wt\_death=0 mt\_death=0 mu=10 s=2 t=7



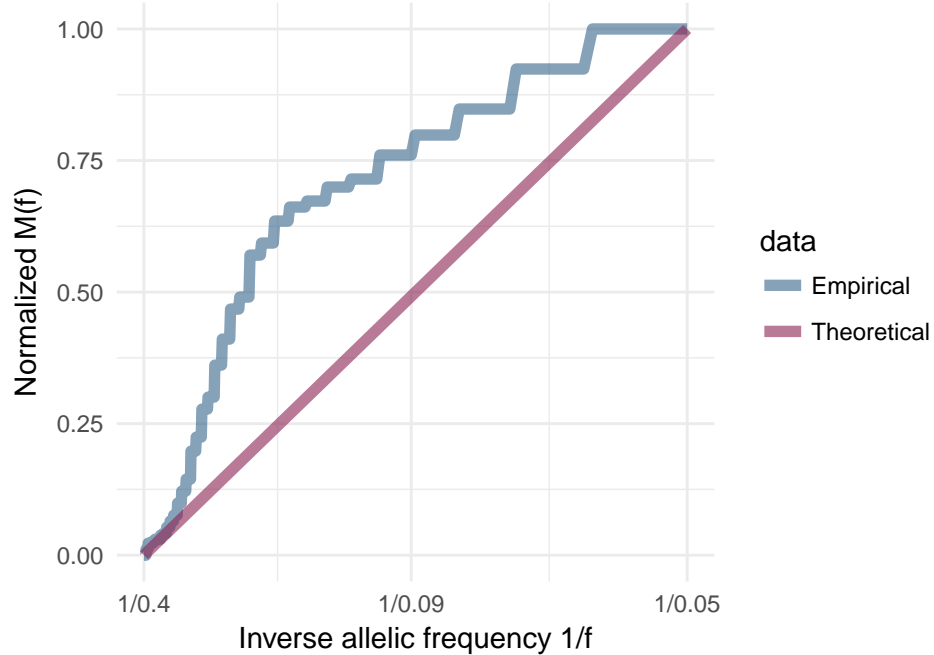
AUC p = 0 R2 = 0.91 u = 22.84 Whole Tumour – T7



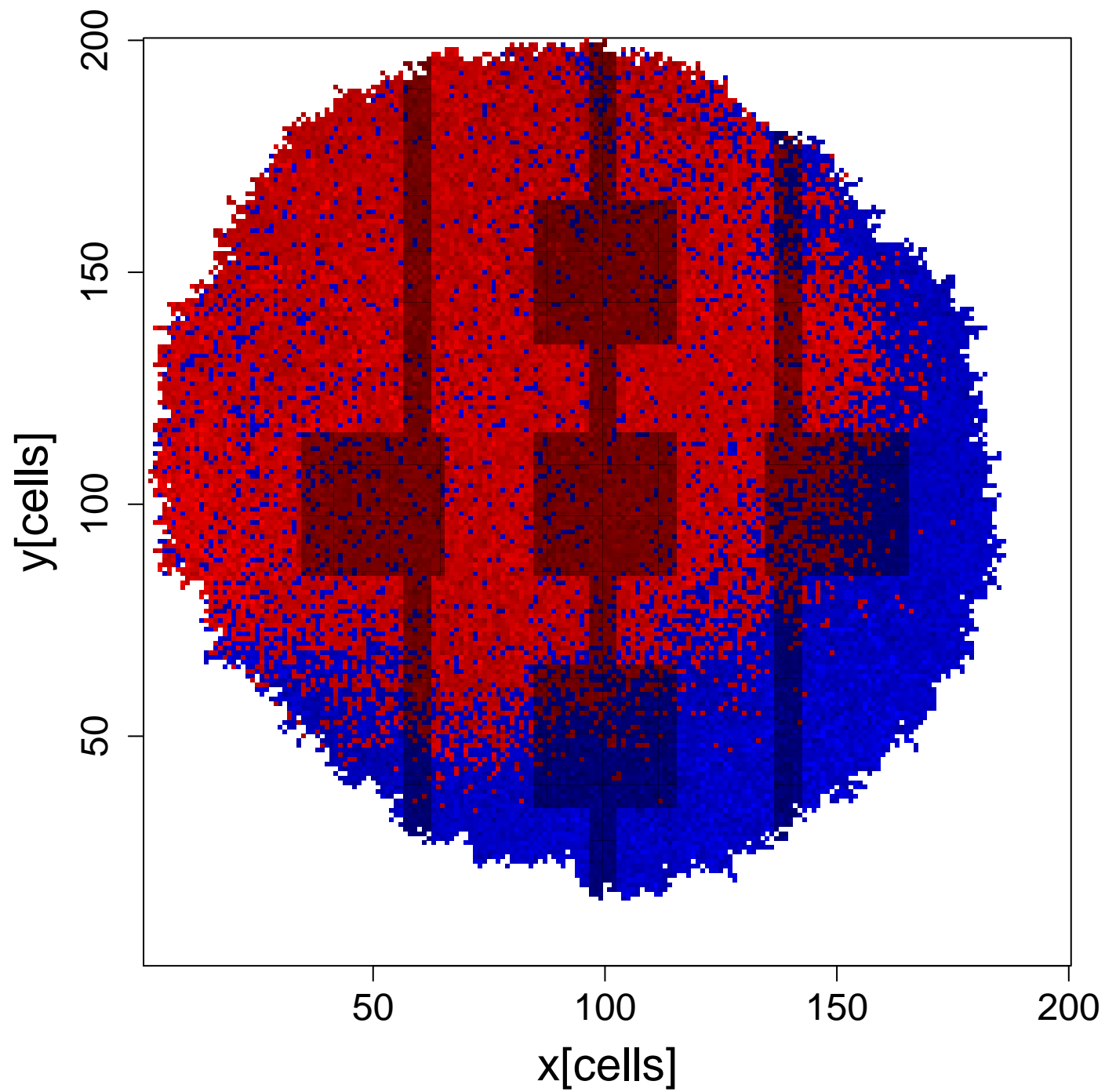
Linear Model: rsq = 0.91 rsq\_pv = 0.001 mut.rate = 22.84



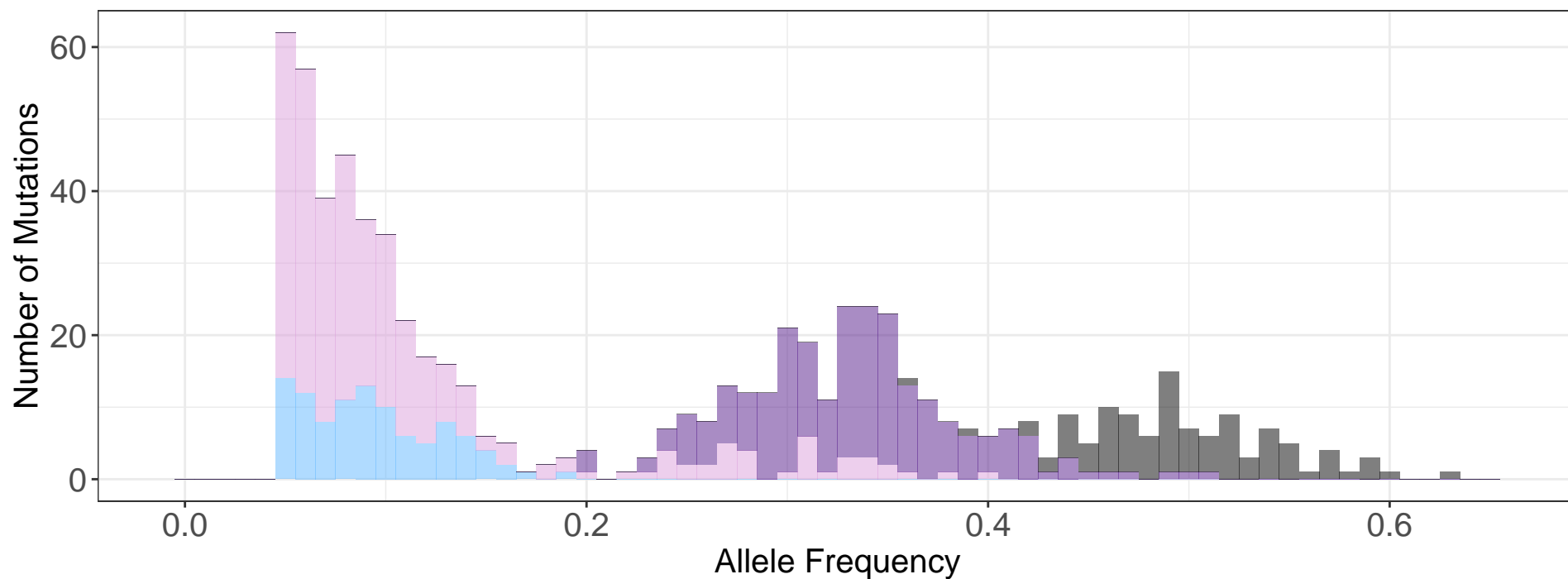
Normalized CDF: Area=0.21(0.005)  
DK=0.4(0.002) mDist=0.16(0.032)



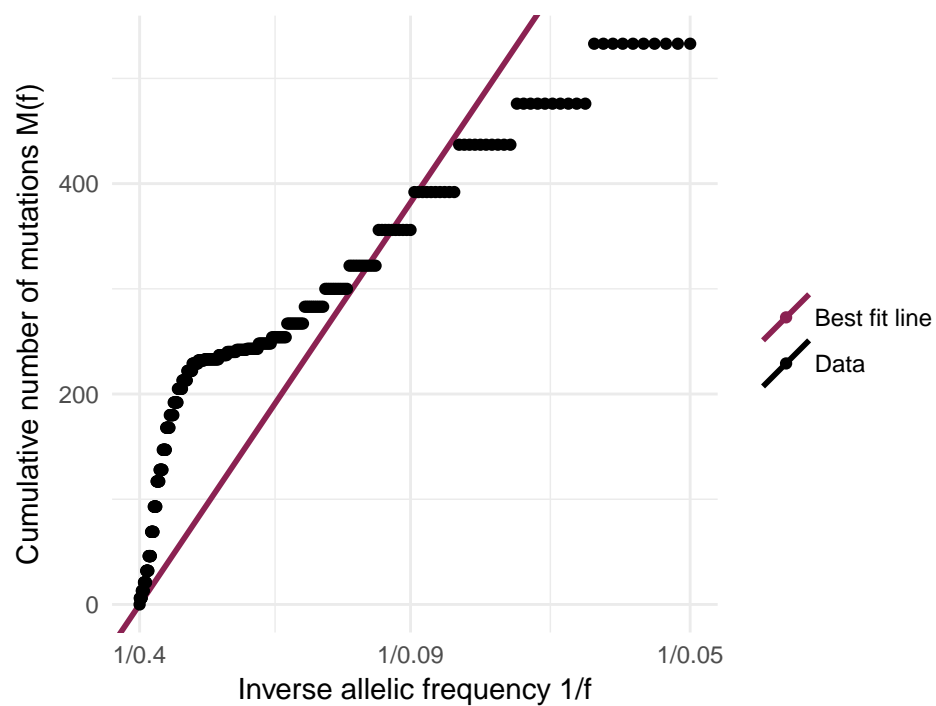
T8: wt\_death=0 mt\_death=0 mu=20 s=2 t=7



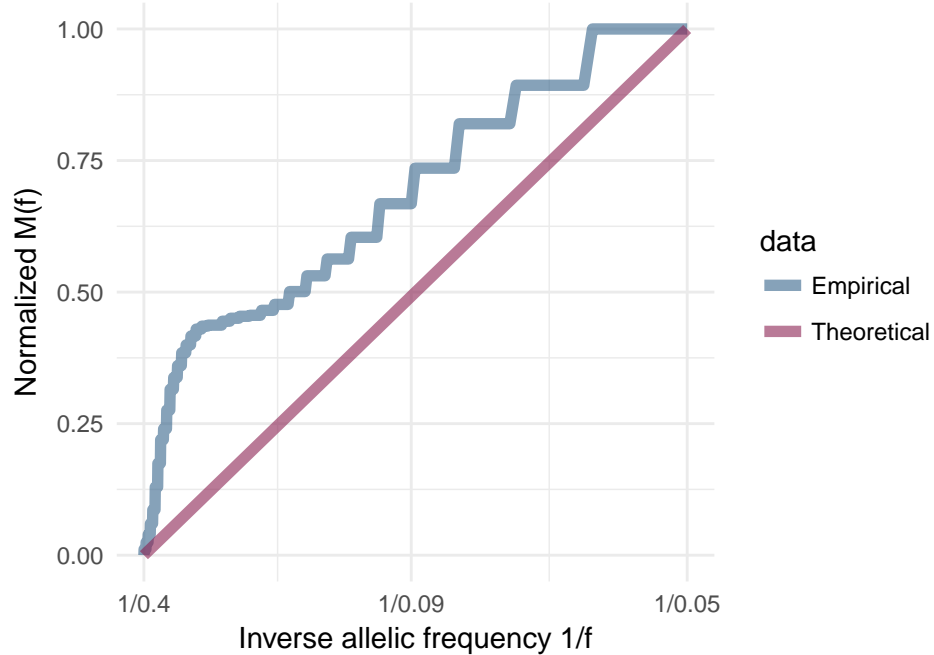
**AUC  $p = 0.01$   $R^2 = 0.84$   $u = 44.36$  Whole Tumour – T8**



Linear Model:  $rsq = 0.84$   $rsq_{pv} = 0.001$   $mut.rate = 44.36$

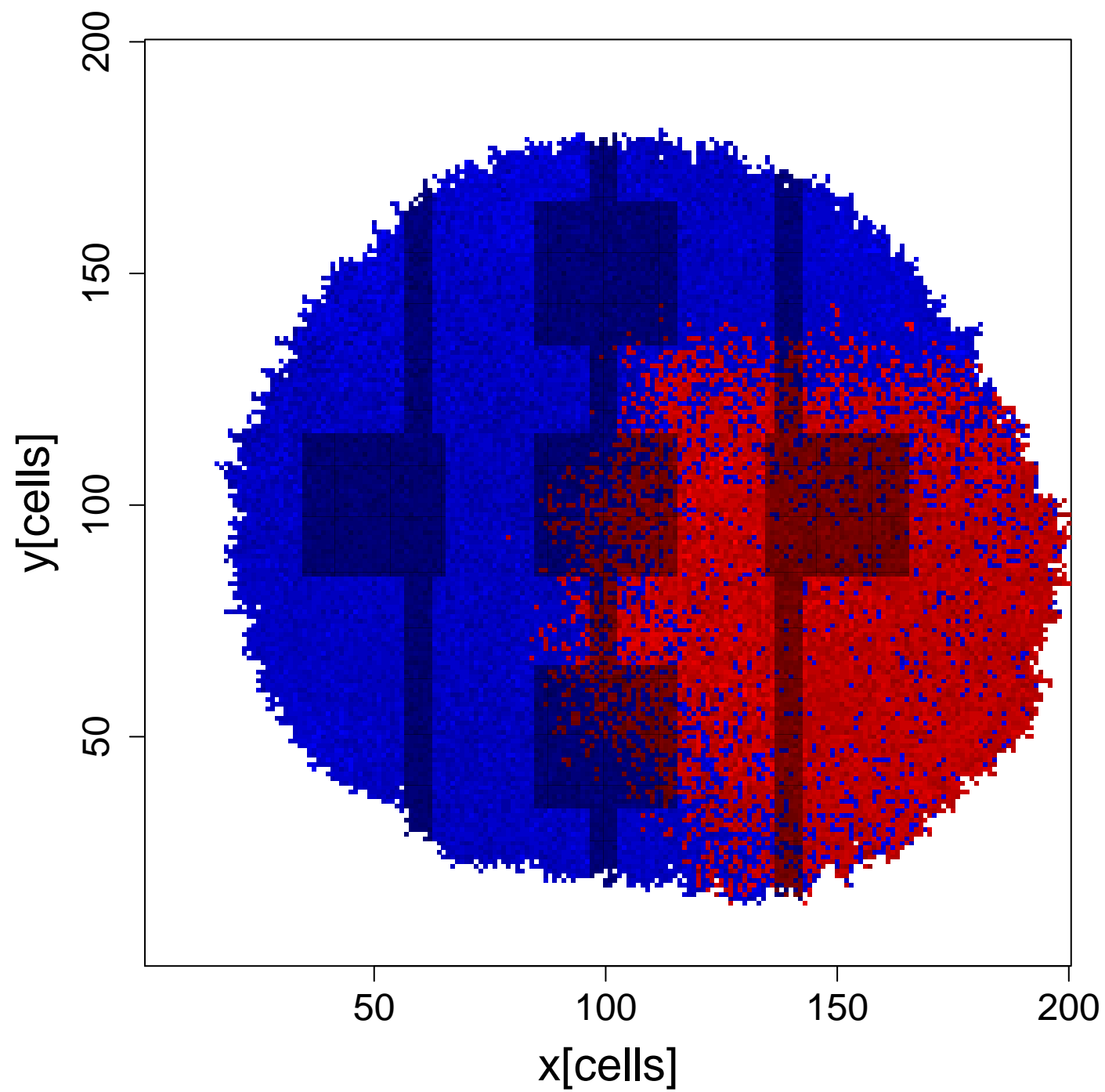


Normalized CDF: Area=0.19(0.013)  
DK=0.33(0.009) mDist=0.21(0.006)

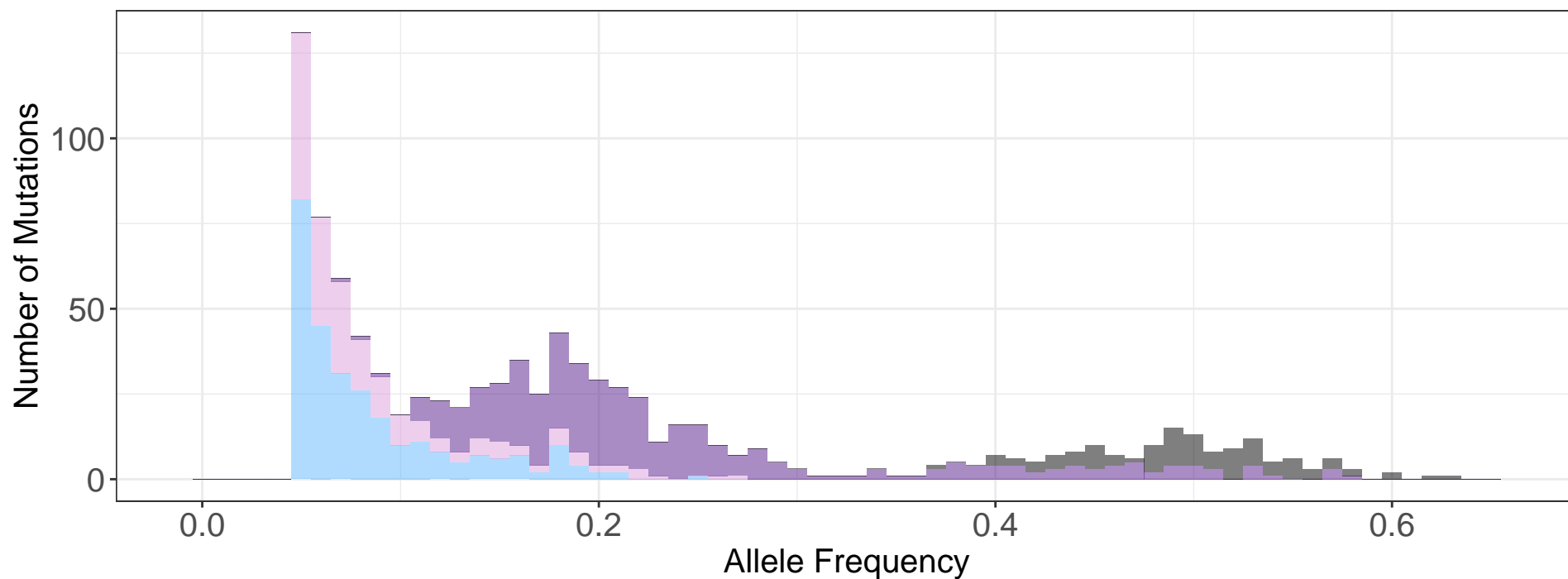




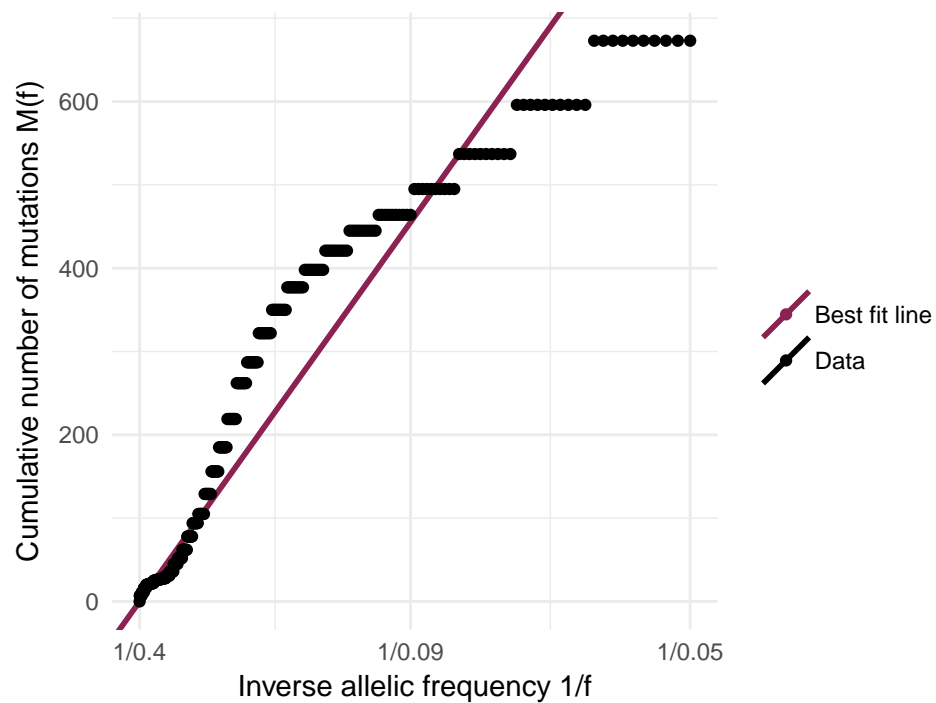
**T9: wt\_death=0 mt\_death=0 mu=30 s=2 t=7**



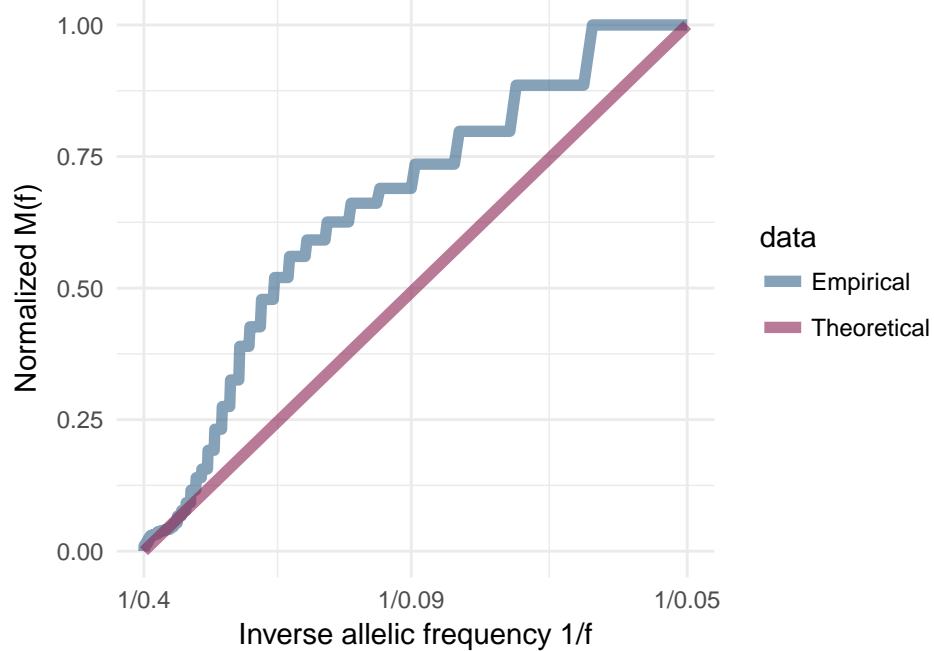
AUC  $p = 0.03$   $R^2 = 0.95$   $u = 52.85$  Whole Tumour – T9



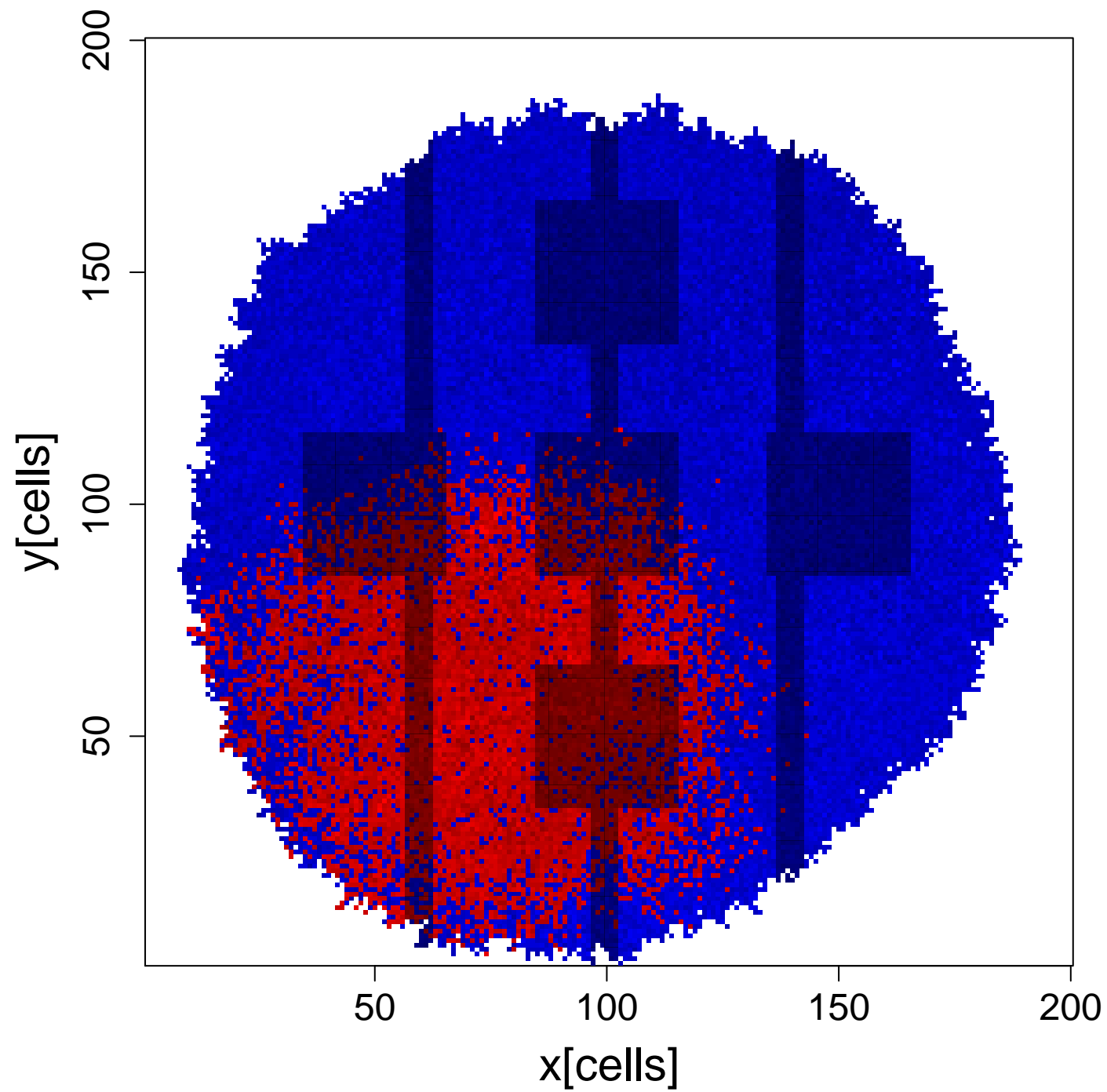
Linear Model:  $rsq = 0.95$   $rsq\_pv = 0.022$   $mut.rate = 52.85$



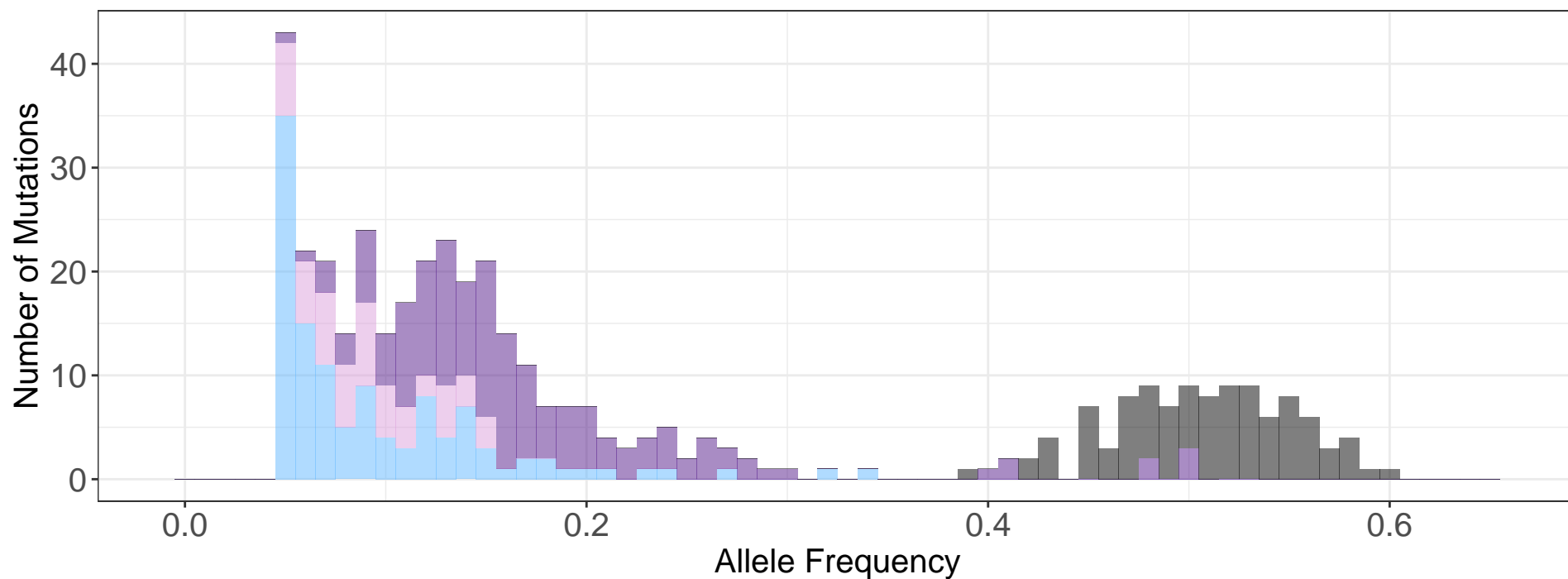
Normalized CDF: Area=0.16(0.034)  
DK=0.29(0.022) mDist=0.1(0.149)



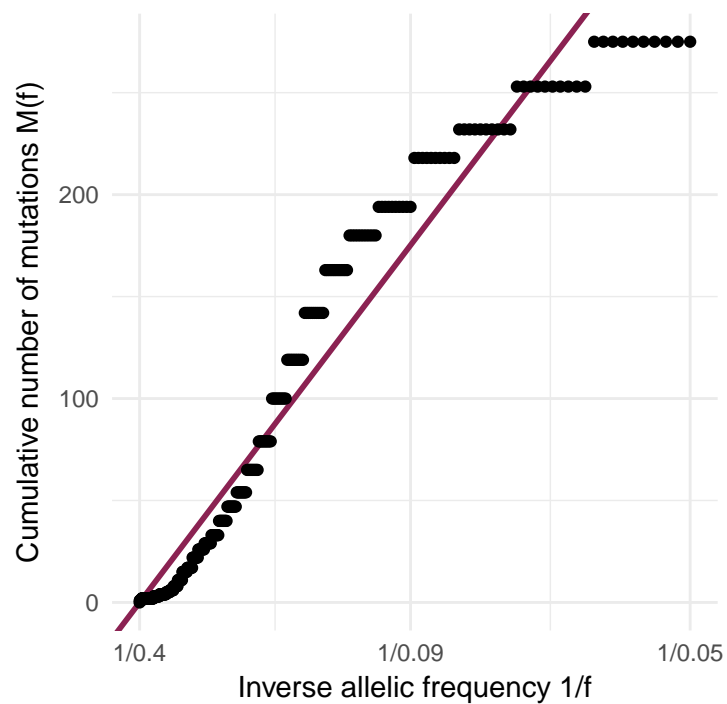
T10: wt\_death=0 mt\_death=0 mu=10 s=3 t=8



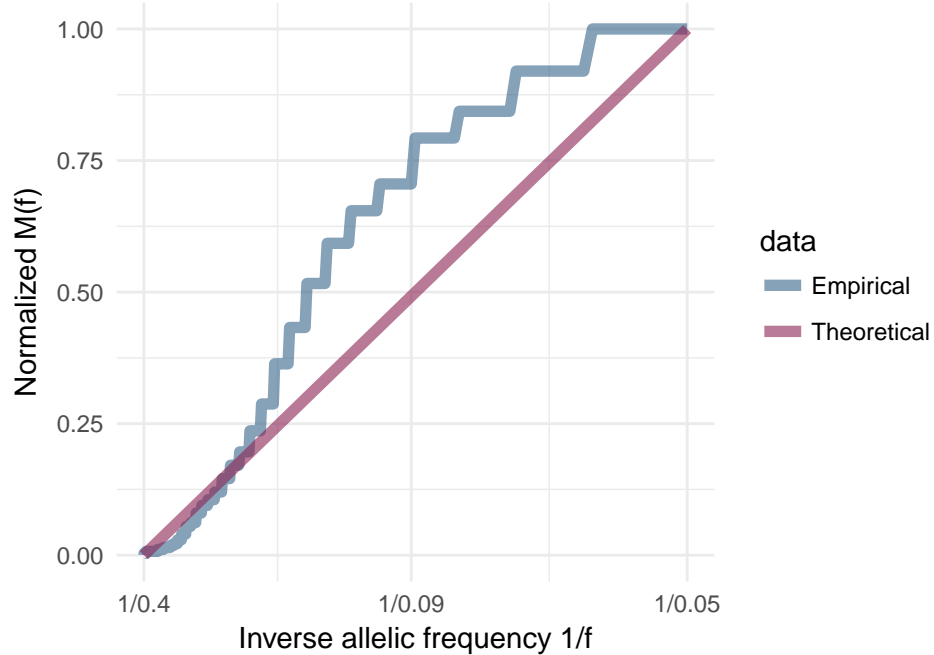
AUC  $p = 0.07$   $R^2 = 0.97$   $u = 20.34$  Whole Tumour – T10



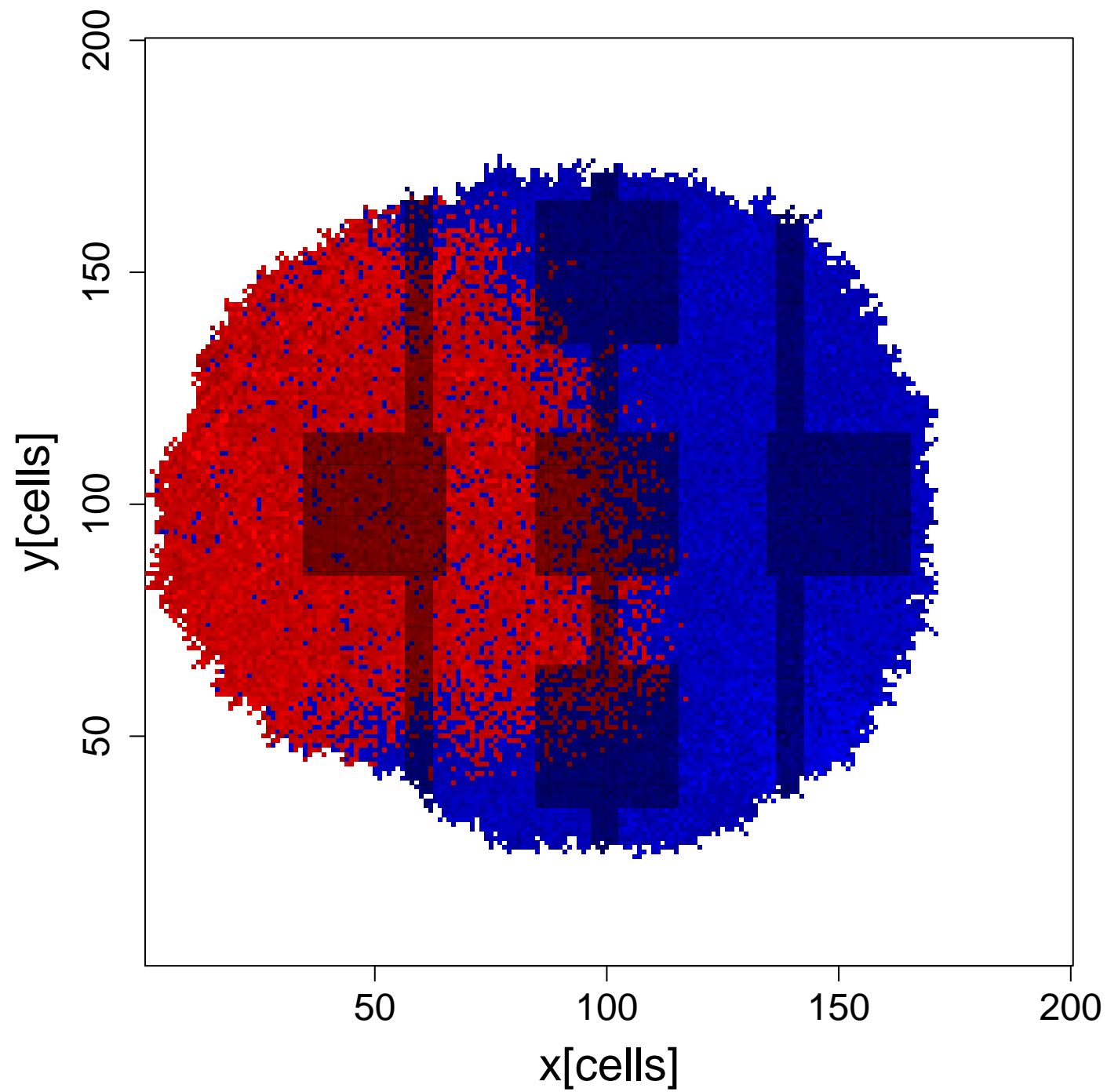
Linear Model:  $rsq = 0.97$   $rsq_{pv} = 0.085$   $mut.rate = 20.34$



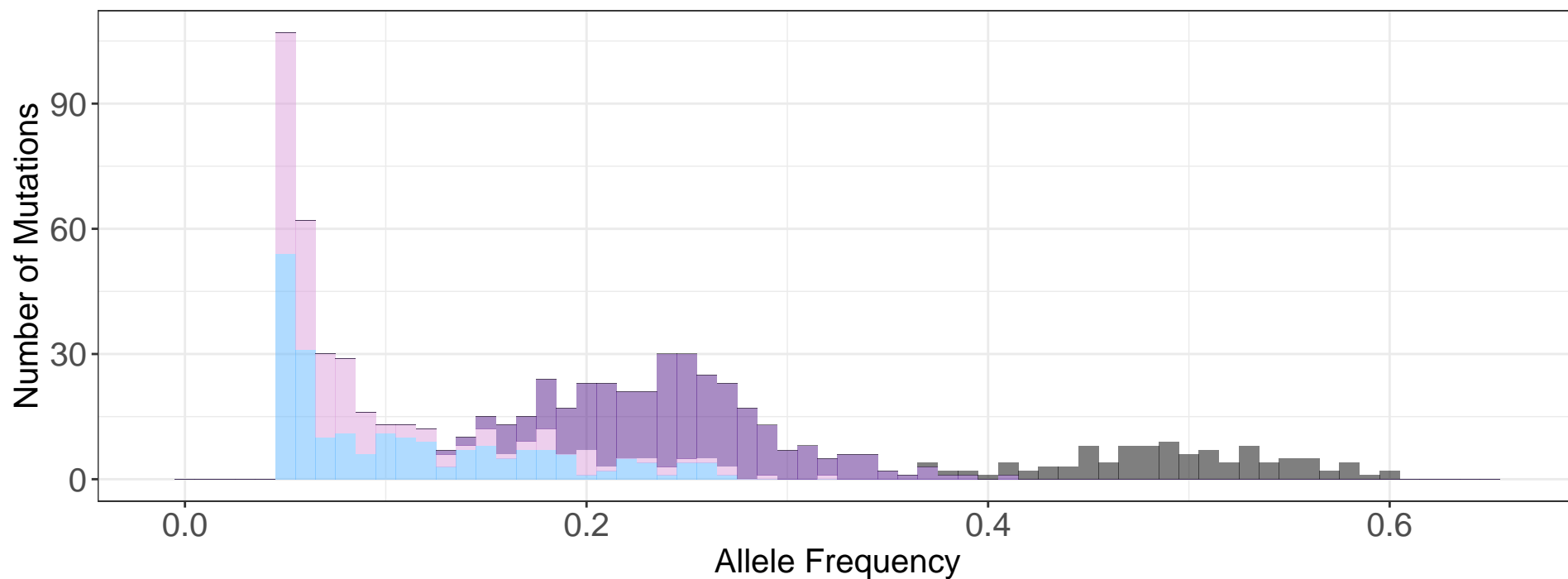
Normalized CDF: Area=0.14(0.067)  
DK=0.3(0.018) mDist=0.07(0.313)



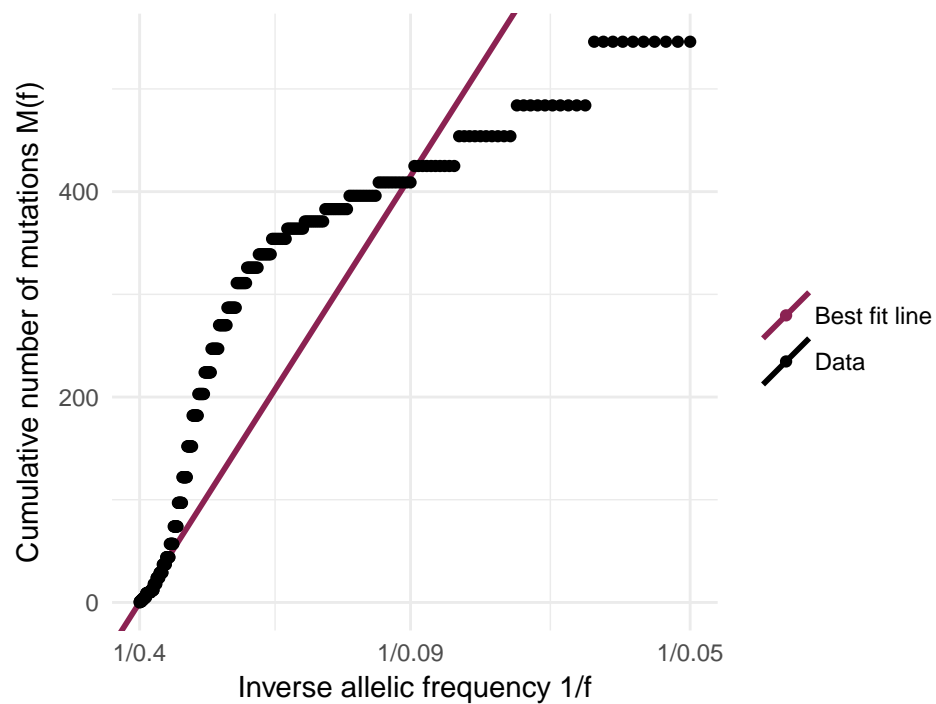
T11: wt\_death=0 mt\_death=0 mu=20 s=3 t=8



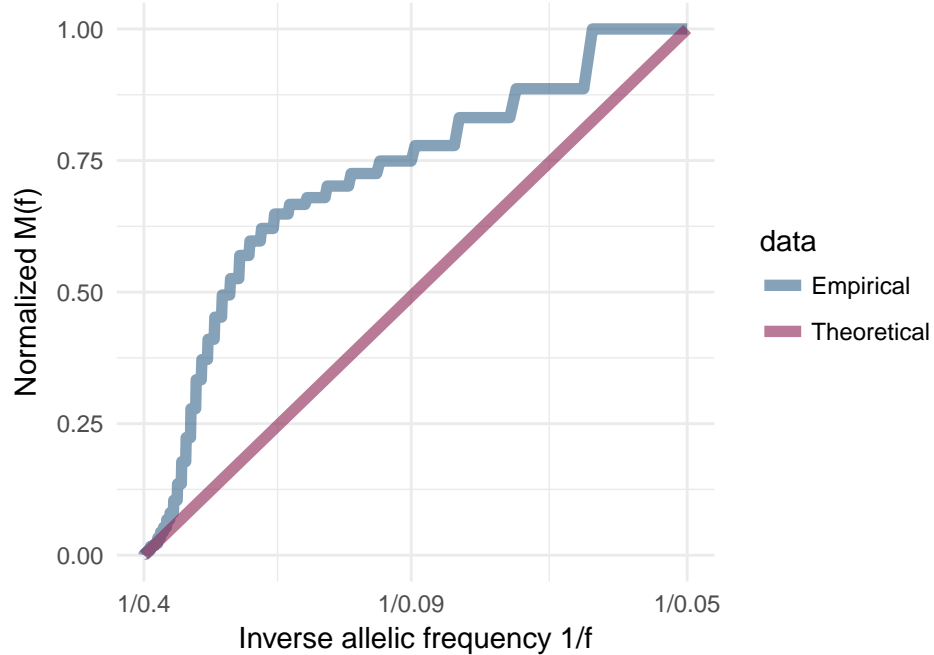
AUC p = 0 R2 = 0.88 u = 48.2 Whole Tumour – T11



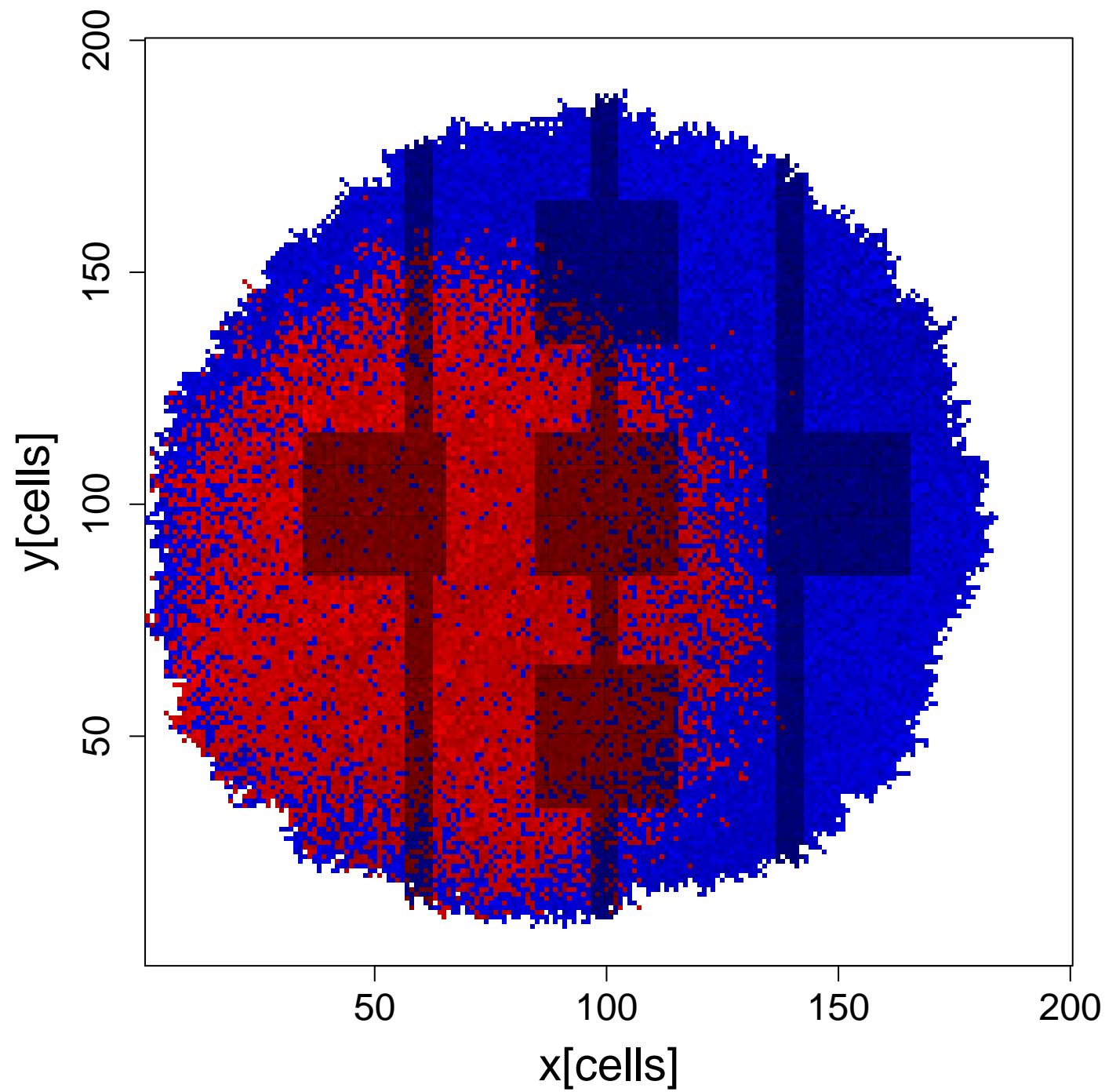
Linear Model:  $rsq = 0.88$   $rsq\_pv = 0.001$   $mut.rate = 48.2$



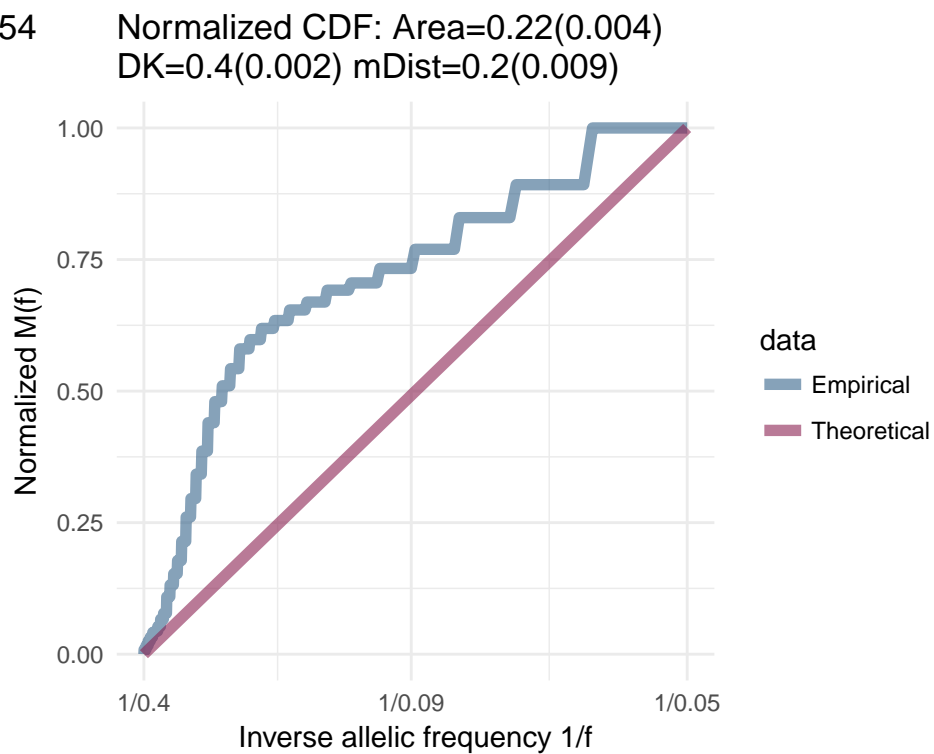
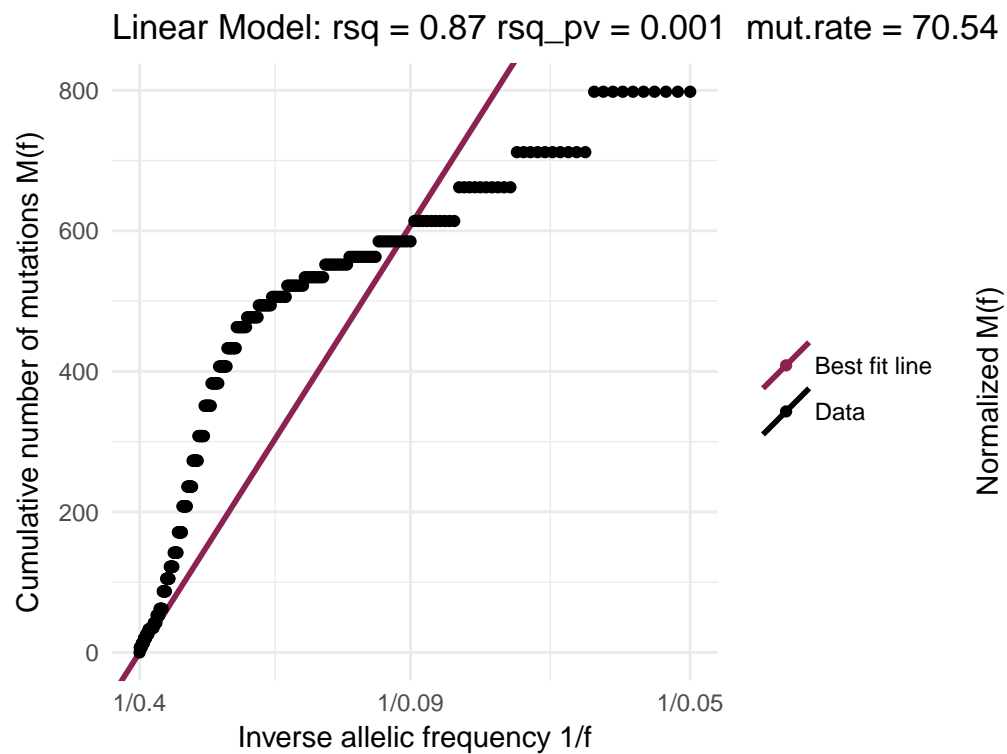
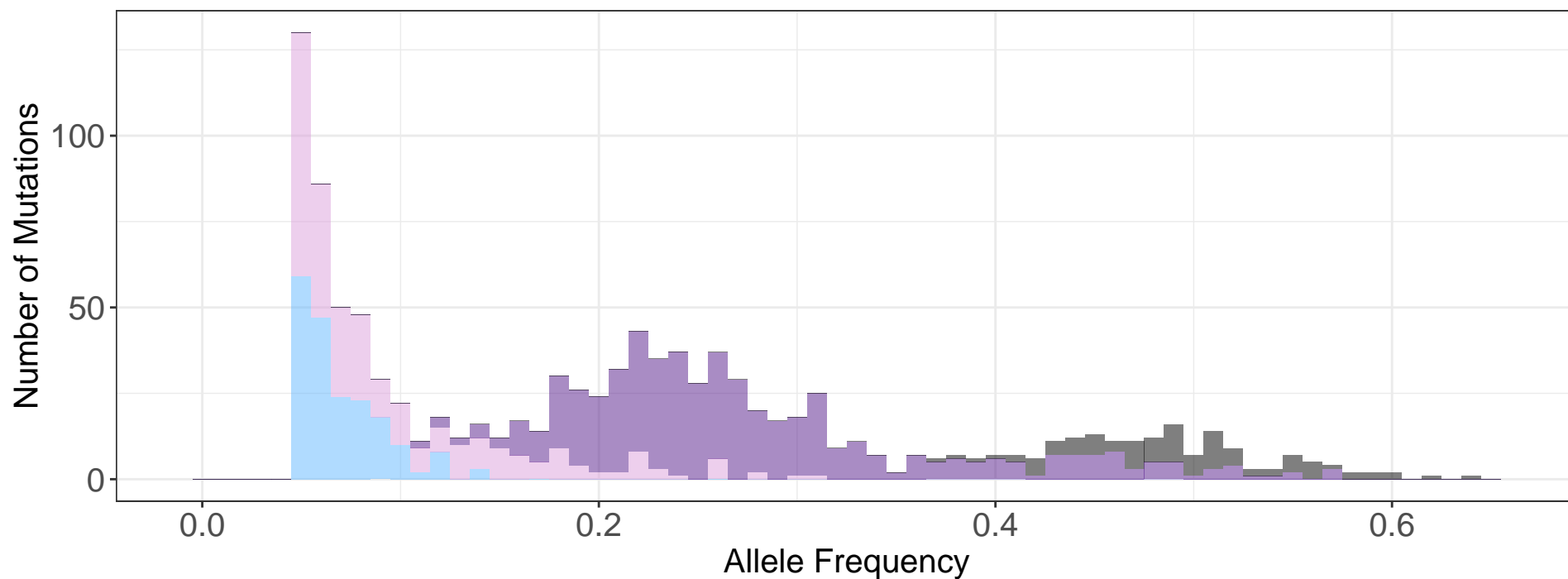
Normalized CDF:  $Area=0.22(0.004)$   
 $DK=0.41(0.001)$   $mDist=0.18(0.014)$



T12: wt\_death=0 mt\_death=0 mu=30 s=3 t=9

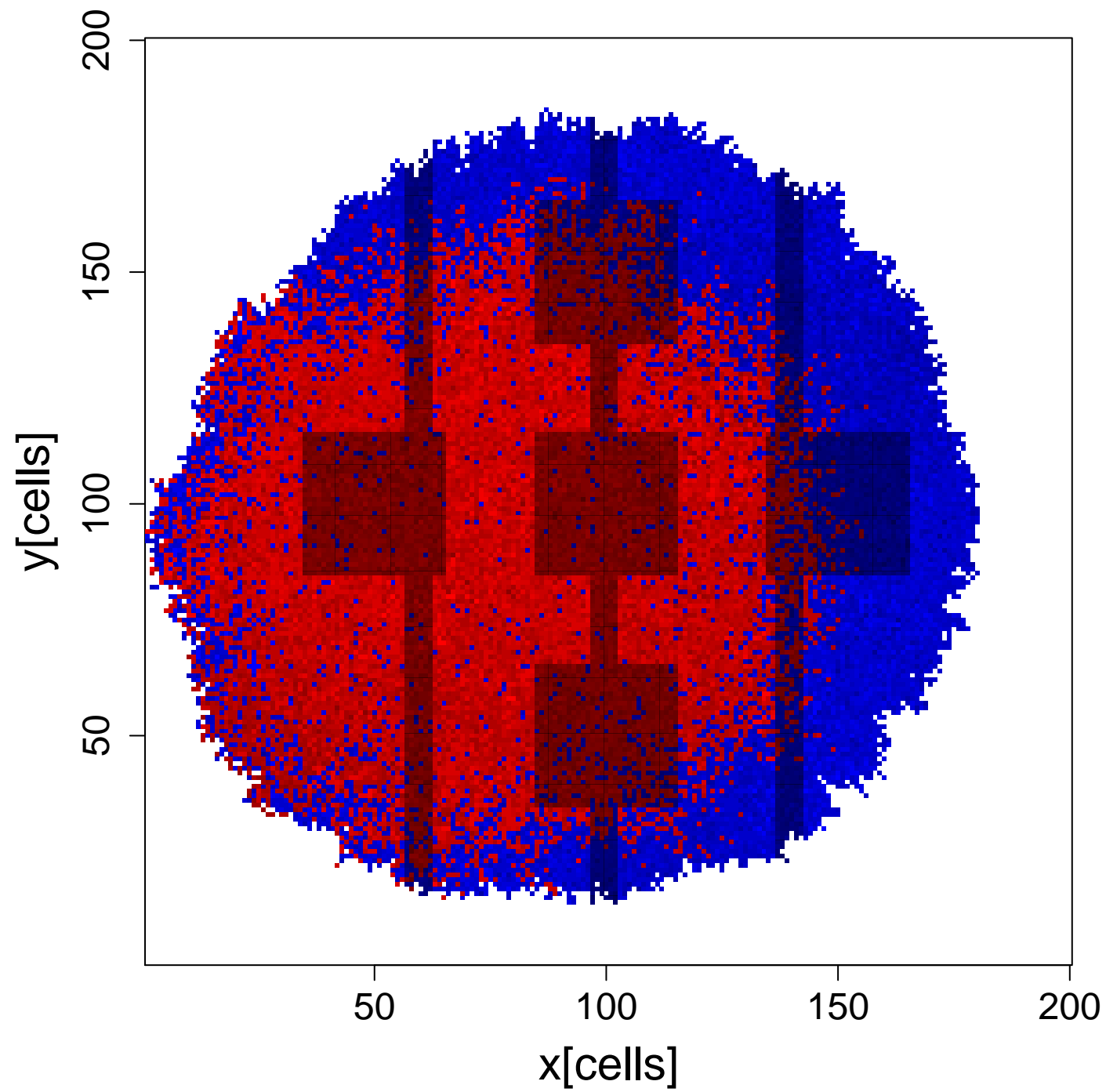


AUC  $p = 0$   $R^2 = 0.87$   $u = 70.54$  Whole Tumour – T12

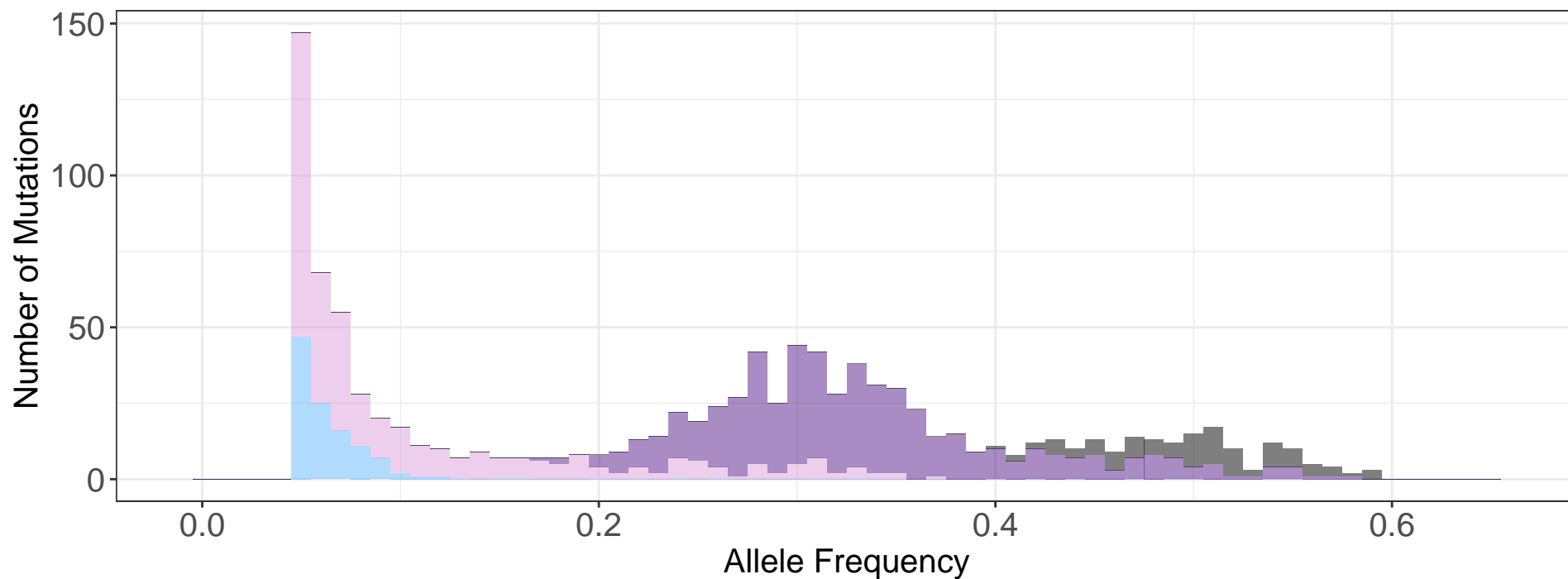




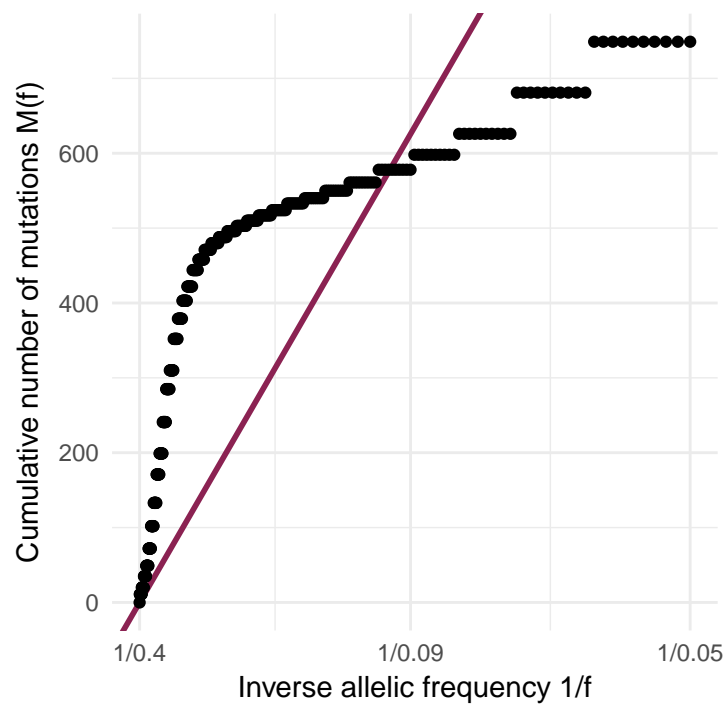
T13: wt\_death=0 mt\_death=0 mu=30 s=4 t=9



AUC  $p = 0$   $R^2 = 0.75$   $u = 72.65$  Whole Tumour – T13



Linear Model:  $rsq = 0.75$   $rsq_{pv} = 0.001$   $mut.rate = 72.65$



Normalized CDF: Area=0.27(0.001)  
DK=0.51(0.001) mDist=0.32(0.001)

