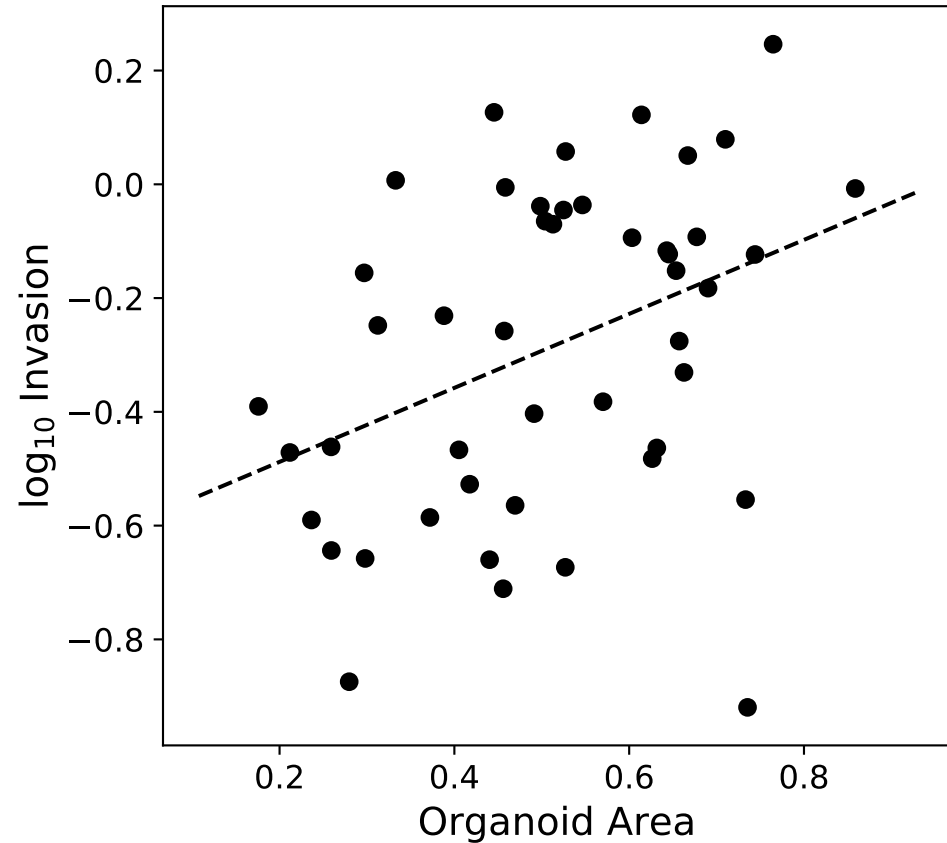
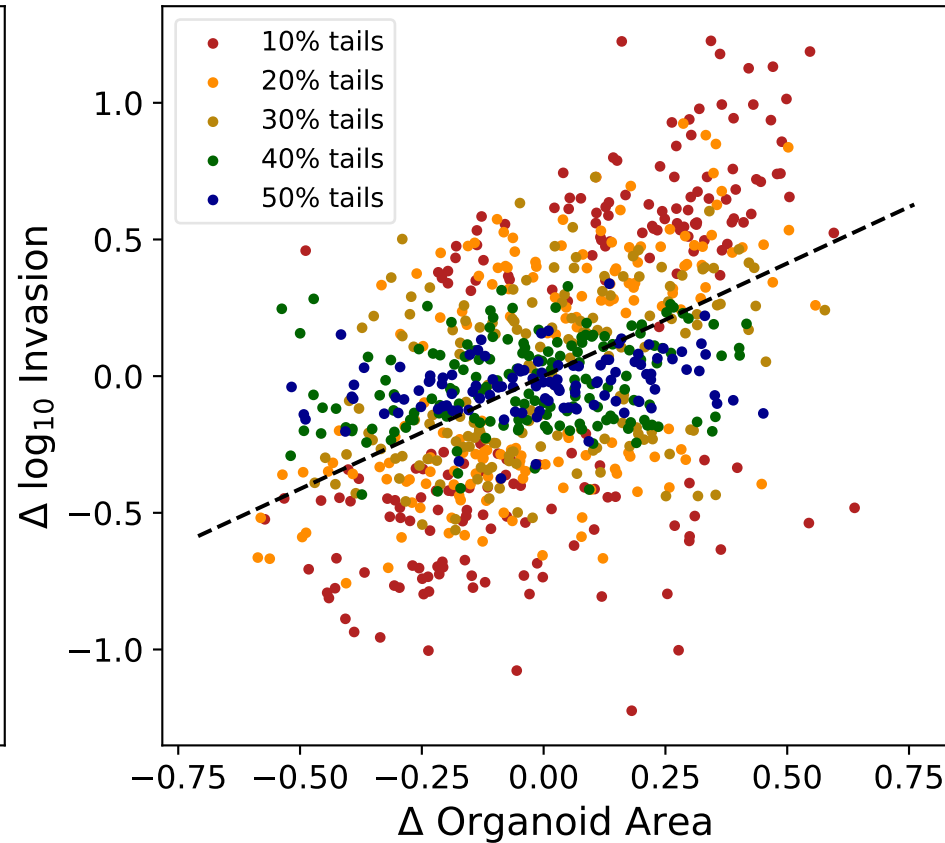


(A) Between-tumor test, $R^2 = 0.15$, $p = 0.008$



(B) Within-tumor test, $R^2 = 0.25$, $p = 9.8\text{e-}52$



(C) Within-tumor test, extreme tails and pooling

