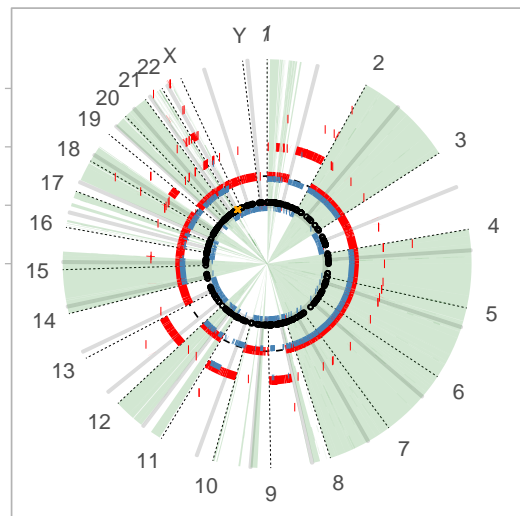


Dataset. 160704_HMFregCPCT_FR12244557_FR12244595_CPCT02110002

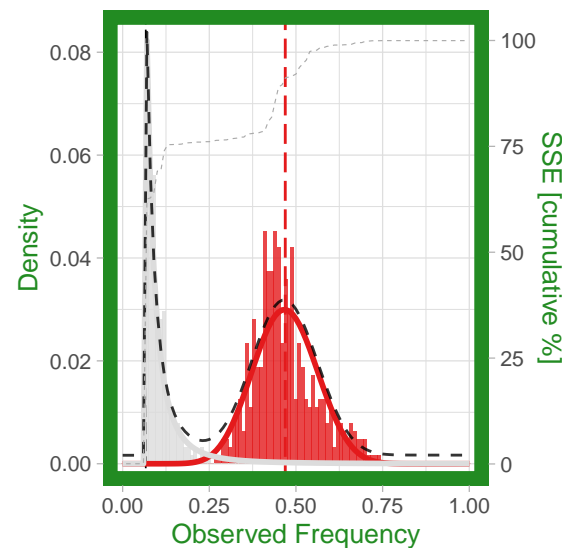
CNA



3000 mutations, 824 clonal CNA, 0 subclonal CNA

1:0 QC PASS $p_{\text{PASS}} = 0.918$

N = 641; Tail 30.81%, C1 69.19%

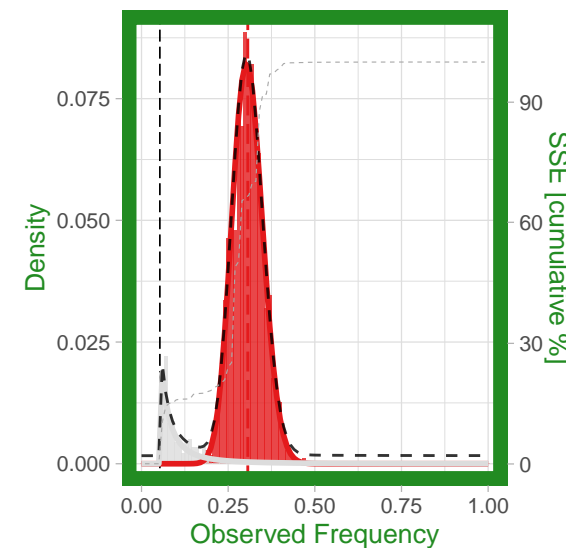


Cluster ■ C1 ■ Tail

MM ($\omega = 15$; $\varepsilon = 4\text{e-}06$; SSE $8.493\text{e-}03$) LV > 0

1:1 QC PASS $p_{\text{PASS}} = 0.99$

N = 1816; Tail 9.42%, C1 90.58%

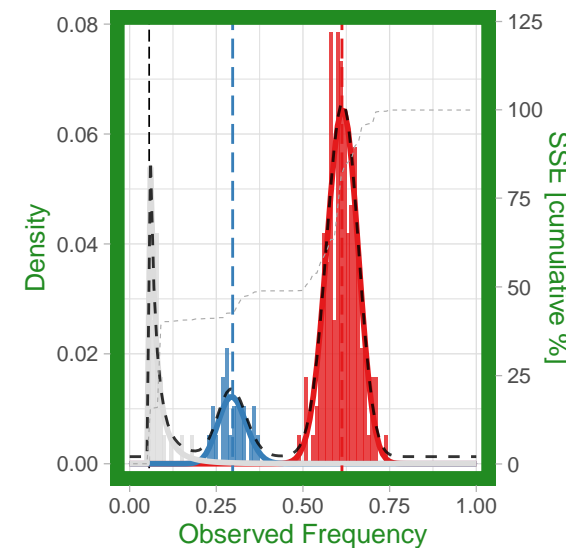


Cluster ■ C1 ■ Tail

MM ($\omega = 13$; $\varepsilon = 1\text{e-}05$; SSE $1.430\text{e-}03$) LV > 0

2:0 QC PASS $p_{\text{PASS}} = 0.859$

N = 191; C2 12.27%, Tail 14.47%, C1 73

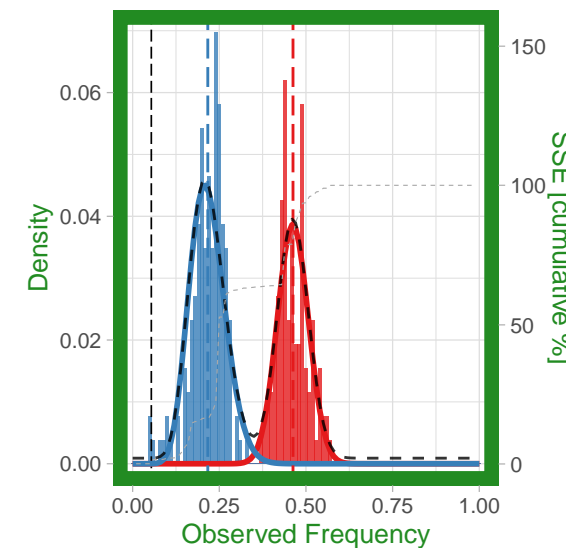


Cluster ■ C1 ■ C2 ■ Tail

MM ($\omega = 27$; $\varepsilon = 1\text{e-}06$; SSE $6.896\text{e-}03$) LV > 0

2:1 QC PASS $p_{\text{PASS}} = 0.565$

N = 258; Tail 0%, C1 43.22%, C2 56.78%

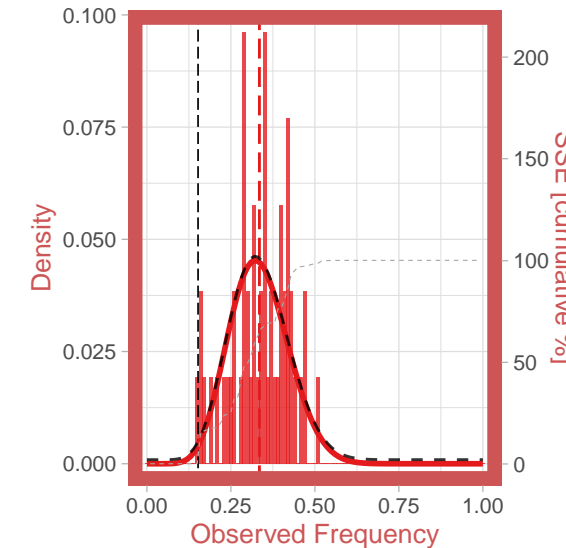


Cluster ■ C1 ■ C2

MM ($\omega = 21$; $\varepsilon = 4\text{e-}04$; SSE $8.915\text{e-}03$) LV > 0

2:2 QC FAIL $p_{\text{PASS}} = 0.003$

N = 52; Tail 0%, C1 100%

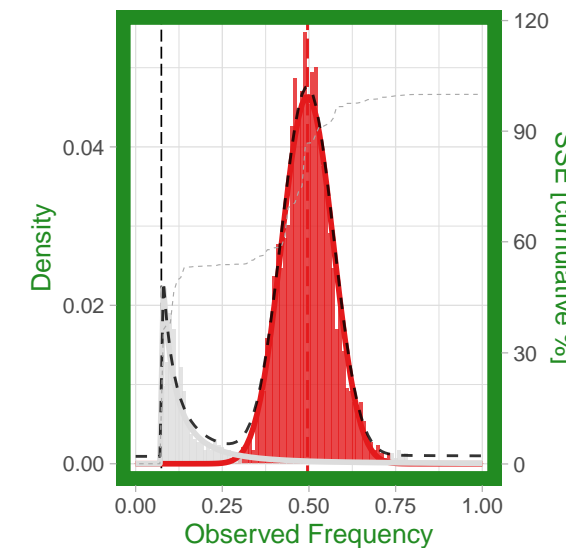


Cluster ■ C1

MM ($\omega = 1$; $\varepsilon = 0\text{e+}00$; SSE $1.747\text{e-}02$) LV > 0

CC QC PASS $p_{\text{PASS}} = 0.987$

N = 2955; Tail 14.89%, C1 85.11%

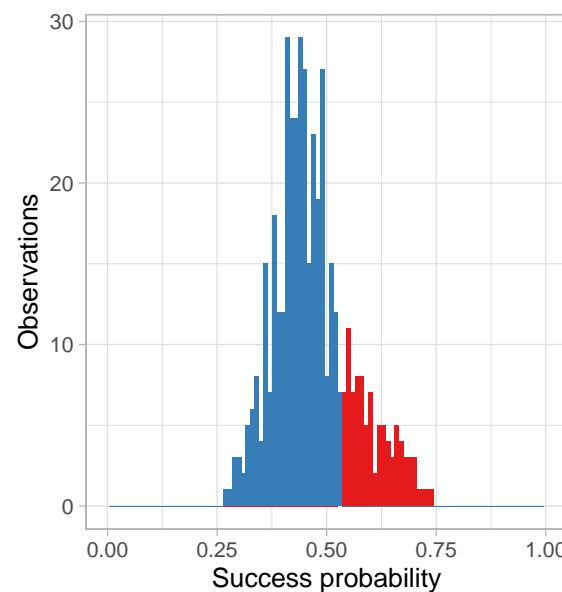


Cluster ■ C1 ■ Tail

MM ($\omega = 17$; $\varepsilon = 4\text{e-}05$; SSE $9.689\text{e-}04$) LV > 0

1:0 BMix fit

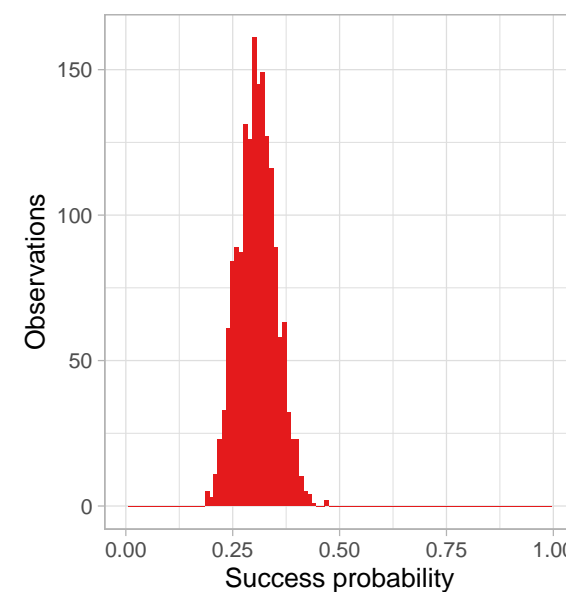
$K_B = 2$, $K_{BB} = 0$



Cluster ■ Bin 1 ■ Bin 2

1:1 BMix fit

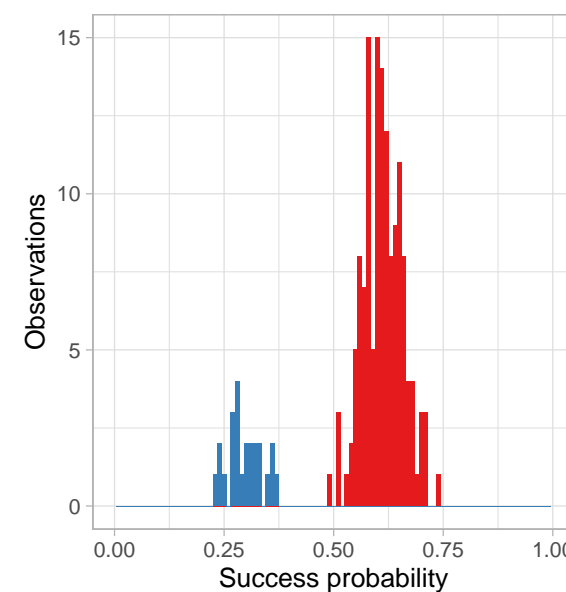
$K_B = 1$, $K_{BB} = 0$



Cluster ■ Bin 1

2:0 BMix fit

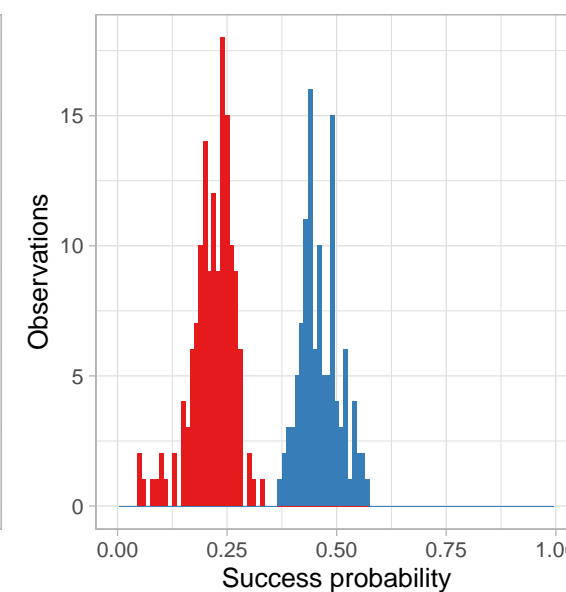
$K_B = 2$, $K_{BB} = 0$



Cluster ■ Bin 1 ■ Bin 2

2:1 BMix fit

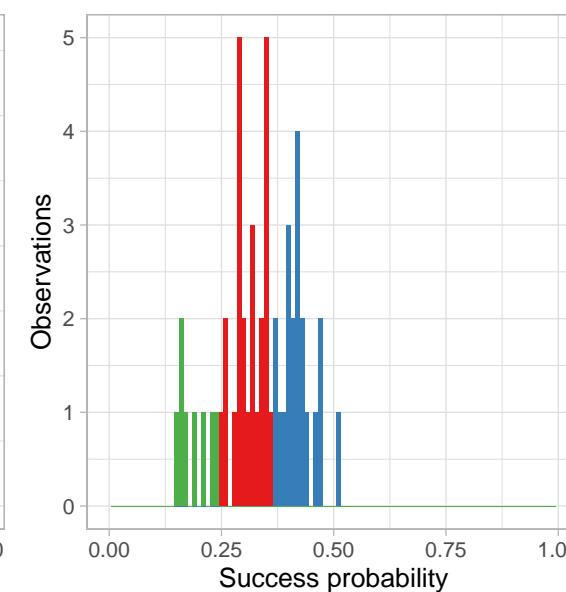
$K_B = 2$, $K_{BB} = 0$



Cluster ■ Bin 1 ■ Bin 2

2:2 BMix fit

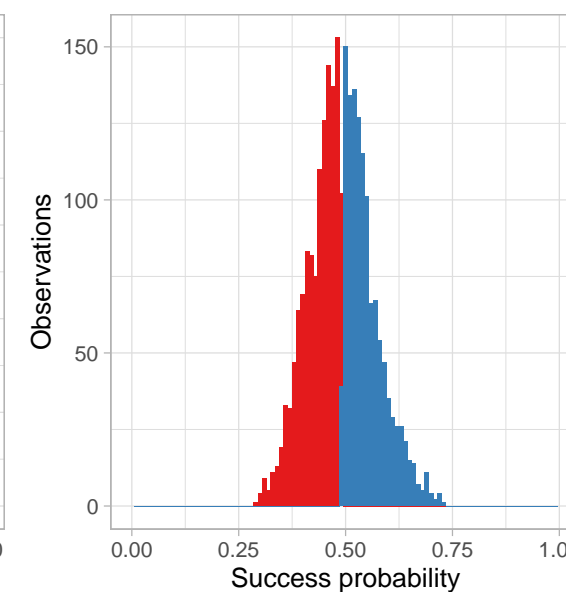
$K_B = 3$, $K_{BB} = 0$



Cluster ■ Bin 1 ■ Bin 2 ■ Bin 3

CC BMix fit

$K_B = 2$, $K_{BB} = 0$



Cluster ■ Bin 1 ■ Bin 2