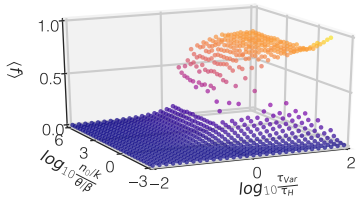


Brith rate effect  $s_b = 1$



No brith rate effect  $s_b = 0$

