

**KEY***Anopheles arabiensis* with  
alternative hosts*Anopheles gambiae* with  
no alternative hostsNo toxicity ( $\theta_{\mu}=0$ ):

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Partial, pre-feed toxicity ( $\theta_{\mu,pre}=0.5$ ,  $\theta_{\mu,post}=0$ ):

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**RELATIVE CHANGE IN UNDERLYING POPULATION PARAMETER**