dens + temp + rain Climate model Ancestry model Full model ಹ മ് മ് $R^2 = 0.20$ $R^2 = 0.02$ $R^2 = 0.16$ Model estimated Model estimated Model estimated Thailand • Thailand • Thies Ngoye Ngoye Ngoye Thailand -Ouahi Thies CapeVerde Thies CapeVerde Ouaga • Mindin₁ Ouaga • Entebbe Entebbe 10 20 20 Ó Ó 10 20 10 Seroprevalence Seroprevalence Seroprevalence temp + aaa Ancestry model Full model Climate model ₽0 മ് Model estimated R₀ $R^2 = 0.09$ $R^2 = 0.12$ $R^2 = 0.15$ Thailand Model estimated Model estimated Thailand Ngoye Ngoye Thailand Thies Mindin Thies Ouaga 🛼 Ngoye Thies Cape Verde CapeVerde Boabeng Ouaga Awka 🛦 Awka Awka Entebbe Kakamega Boabeng Entebbe Boabeng **V**rembe Wrembkakamega Entebbe 10 20 20 30 10 30 30 Seroprevalence Seroprevalence Seroprevalence geog Full model Climate model Ancestry model **%** Model estimated R₀ Model estimated R₀ $R^2 = 0.00$ $R^2 = 0.00$ $R^2 = 0.00$ Model estimated Ngoye Ngoye Ngoye Thies Thies Mindin Libreville Kumaşi KayaBomu Thies Libreville Kumasi Kintampo-Libreville Kumasi Boabeng Kıntampo Entebbe Boabeng Entebbe Boabeng Entebbe 20 20 30 20 10 30 10 30 10 Seroprevalence Seroprevalence Seroprevalence