dens + temp + rain Full model Climate model Ancestry model ₽0 ₽0 ₽0 $R^2 = 0.09$ $R^2 = 0.03$ $R^2 = 0.07$ Thailand Model estimated Model estimated Model estimated Thailand Thailand Mindin Ouahi CapeVerde Rabai CapeVerde KayaBomu Ouaga Ouaga Kwale Kwale Kwale Awka Shimba Mindin Shimba Franceville Kedougou Kedougou Virembe Shimba Virembe Virembe 30 20 10 20 30 10 30 10 Seroprevalence Seroprevalence Seroprevalence temp + aaa Full model Climate model Ancestry model ₽ മ് മ് $R^2 = 0.10$ $R^2 = 0.06$ $R^2 = 0.08$ Model estimated Model estimated Model estimated Thailand • Thailand • Ngoye Ngoye Ngoye Thailand Mindin hies_PK10 CapeVerde Ouah CapeVerde KayaBomu Ouaga Thies Ouaga Mindin ≀abai Awka Ouahi Kwale Entebbe Ouahi Virembe Entebbe Virembe Entebbe 10 Ó 10 20 10 20 20 0 Seroprevalence Seroprevalence Seroprevalence geog Climate model Ancestry model Full model **&** മ് Model estimated R₀ $R^2 = 0.18$ $R^2 = 0.15$ $R^2 = 0.00$ Model estimated Model estimated CapeVerde Kedougou KayaBomu Ouahi • PK10 Libreville KayaBomu Bantata Libreville Ganda Rabai Libreville Cape Verde Kedougo Rabai CapeVerde Ouahi • Shimba Franceville Bantata Banda PK10 Franceville Shimba Ouahi Franceville Shimba 2.5 2.5 2.5 5.0 7.5 12.5 5.0 7.5 10.0 12.5 5.0 10.0 12.5 10.0 Seroprevalence Seroprevalence Seroprevalence