dens + temp + rain Full model Climate model Ancestry model  $_{0}$ ₽ 8  $R^2 = 0.54$  $R^2 = 0.36$  $R^2 = 0.48$ Thailand Thailand Model estimated Model estimated estimated Ngoye Thies Ngoye Ngoye Thailand CapeVerde PK10 Mind Kintampo Thies Ouahi Ouaga Kedougou Thies Ganda Kintampo Mind Bantata Ouaga Kwale Cape Ganda Model Ganda Franceville\_Entebbe Ouahi Ouahi **Virembe** `Entebbe 20 10 20 10 20 10 Seroprevalence Seroprevalence Seroprevalence temp + aaa Full model Climate model Ancestry model  $_{0}^{A}$  $_{0}^{R}$  $_{0}^{R}$  $R^2 = 0.35$  $R^2 = 0.38$  $R^2 = 0.17$ Thailand Model estimated Model estimated estimated Ngoye Mindin Thies Thailand Thailand Ngoye • CapeVerde Thies Thies KayaBomukumasi Ouaga Juaga Juaga CapeVerde Libreville Model Libreville Awka Awka Awka • Libreville Franceville √rem<del>be</del> Kakamega √nrembe Kakamega 20 30 20 30 30 10 20 Seroprevalence Seroprevalence Seroprevalence