dens + temp + rain Climate model Ancestry model Full model ₽0 ₽0 മ് $R^2 = 0.08$ $R^2 = 0.39$ $R^2 = 0.45$ Model estimated Model estimated Model estimated 2 | Mindin Ouaga LopeVillage Ganda Ouaga 1 | Mindin | Ganda Kwale Ouaga Shimba Franceville Franceville Kwale LopeVillage Franceville 20 30 20 30 20 Ò 10 10 30 0 10 0 Seroprevalence Seroprevalence Seroprevalence temp + aaa Full model Climate model Ancestry model ₽0 മ് മ് $R^2 = 0.04$ $R^2 = 0.24$ $R^2 = 0.18$ Model estimated Model estimated Model estimated Mindin Ouaga Ōuahi Kumasi Kumasi Libreville , Awka LopeVillag Quaga Mindin Ouaga • Mindikumaki Awka _ibreville_ _opeVillage Kakamega Ouahi Entebbe **Odankame**ga LopeVillage Entebbe Virembe Virembe Entebbe 10 20 Ò Ò 10 20 10 20 Seroprevalence Seroprevalence Seroprevalence geog Full model Climate model Ancestry model **&** മ് Model estimated R₀ $R^2 = 0.01$ $R^2 = 0.00$ $R^2 = 0.00$ Model estimated Model estimated Kędougou KayaBomu Ouahi • PK10 Bantata = Ganda & Rabai KayaBomu Libreville Libreville Libreville ✓ KedoudBountata Rabai Franceville Shimba Ouahi • PK10 Franceville Shimba Shimba Franceville 7.5 2.5 7.5 2.5 2.5 5.0 5.0 10.0 12.5 5.0 7.5 10.0 12.5 10.0 Seroprevalence Seroprevalence Seroprevalence