dens + temp + rain Climate model Full model Ancestry model **%** ₽0 മ് $R^2 = 0.02$ $R^2 = 0.01$ $R^2 = 0.01$ Model estimated Model estimated Model estimated Mindin Ouahi CapeVerde Rabai <u> Ouaga</u> Ouaga CapeVerde KayaBomu Ouaga Kwale Kwale. Mindin Awka Kwale Mindin Shimba Shimba Franceville Kedougou Kedougou Virembe Shimba Virembe Virembe 30 20 30 10 20 30 10 10 Seroprevalence Seroprevalence Seroprevalence temp + aaa Full model Climate model Ancestry model ₽ <u>م</u> മ് $R^2 = 0.05$ $R^2 = 0.01$ $R^2 = 0.00$ Model estimated Model estimated Model estimated Ngoye Ngoye Ngoye Mindin Thies_PK10 KayaBomu CapeVerde Ouahi Ouaga CapeVerde Thies Ouaga wka Mindin ⊀abai Awka Ouahi Kwale Entebbe Ouahi Entebbe Virembe Virembe Entebbe 10 ò 10 Ò 20 10 20 20 Seroprevalence Seroprevalence Seroprevalence geog Full model Climate model Ancestry model **&** ₽0 Model estimated R₀ $R^2 = 0.01$ $R^2 = 0.00$ $R^2 = 0.00$ Model estimated Model estimated Kedougou Ouahi • KayaBomu KayaBomu PK10 Bantata Libreville Libreville Rabai Rabai Libreville ✓ Kedougou Ouahi • Franceville Shimba Shimba PK10 Bantata PK10 Franceville Shimba Franceville 7.5 2.5 7.5 2.5 2.5 5.0 5.0 10.0 12.5 5.0 7.5 12.5 10.0 10.0 Seroprevalence Seroprevalence Seroprevalence