dens + temp + rain Full model Climate model Ancestry model ₽0 മ് മ് $R^2 = 0.28$ $R^2 = 0.53$ $R^2 = 0.55$ Model estimated Model estimated Model estimated Thailand • Thailand • Thailand Mindin LopeVillage Ouaga Ganda **Ouaga** Ouaga 🕈 Ganda Kwale 1 - Mindin Ganda Arabuko Shimba Franceville Mindin Franceville Franceville LopeVillage 10 20 20 10 10 20 0 Seroprevalence Seroprevalence Seroprevalence temp + aaa Climate model Full model Ancestry model გ മ മ് $R^2 = 0.14$ $R^2 = 0.50$ $R^2 = 0.49$ Model estimated Model estimated Model estimated Thailand • Thailand • Thailand Mindin Ōuahi Kumasi Kumasi Libreville , Awk Ouaga • Mindin Ouaga 🛉 Mindikumasi Awka LopeVillage Kakamega akamega Ouahi Entebbe LopeVillage Entebbe Virembe Virembe Entebbe 10 Ò 20 Ó 10 20 10 20 Seroprevalence Seroprevalence Seroprevalence geog Climate model Ancestry model Full model ₽0 മ് Model estimated R₀ $R^2 = 0.01$ $R^2 = 0.00$ $R^2 = 0.00$ Model estimated Model estimated Kedougou KayaBomu Ouahi • PK10 -Bantata Rabai Ganda KayaBomu Libreville Libreville Libreville Kedoud Bantata Rabai Shimba Ouahi • Franceville Ouahi Shimba PK10 Franceville Shimba Franceville 2.5 7.5 2.5 2.5 5.0 7.5 5.0 10.0 12.5 5.0 10.0 12.5 10.0 Seroprevalence Seroprevalence Seroprevalence