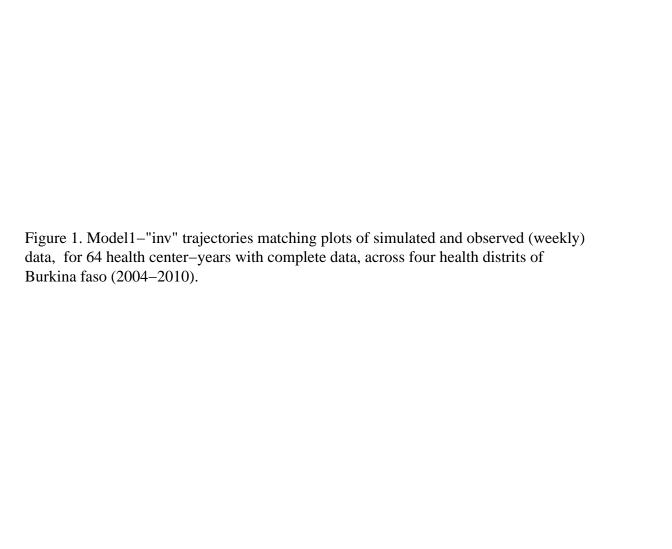
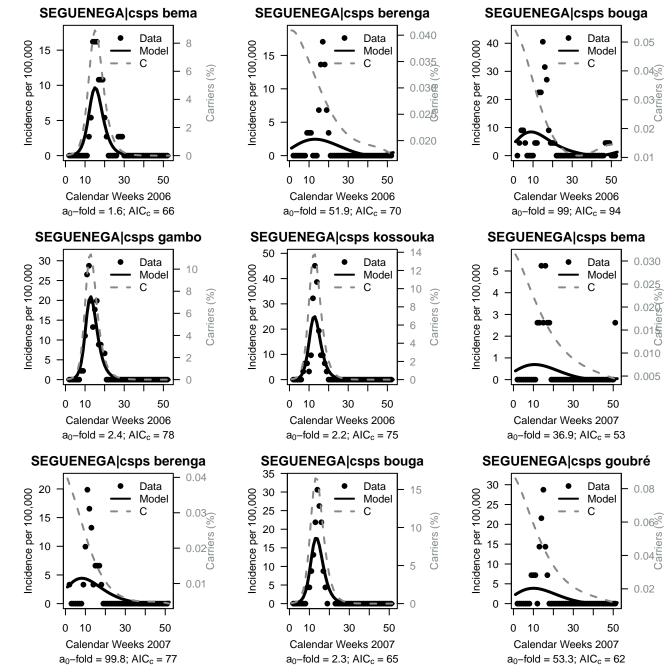
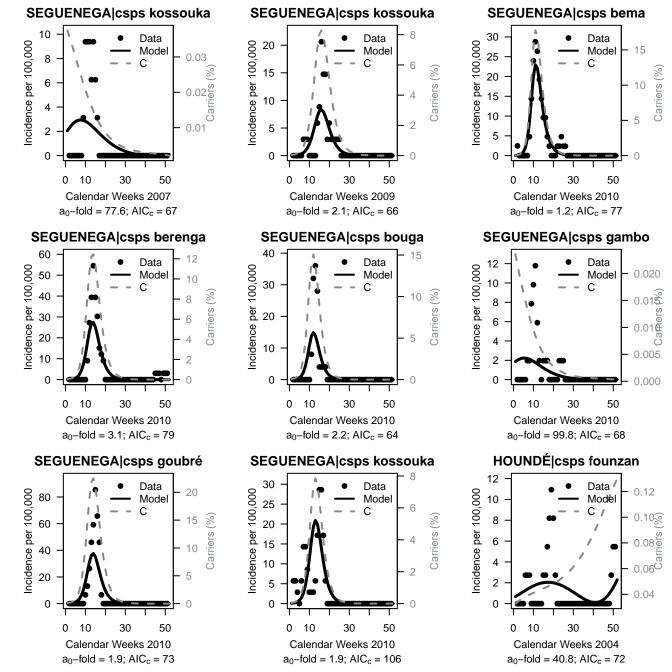
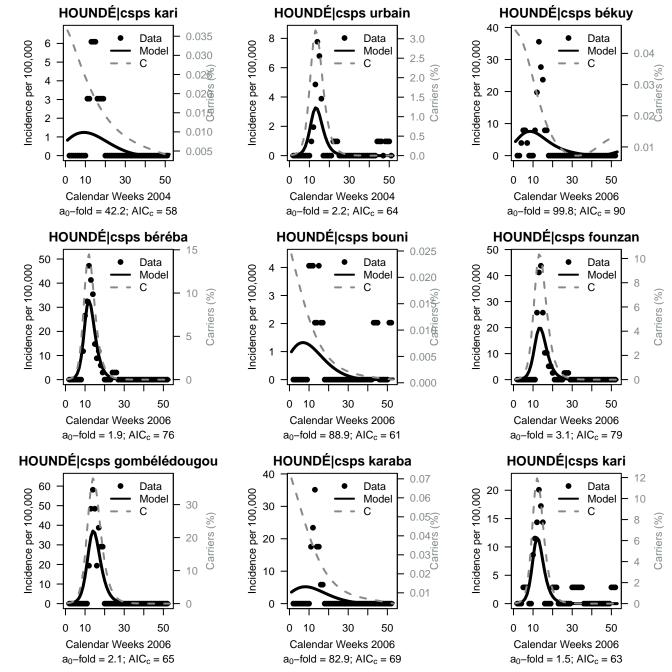
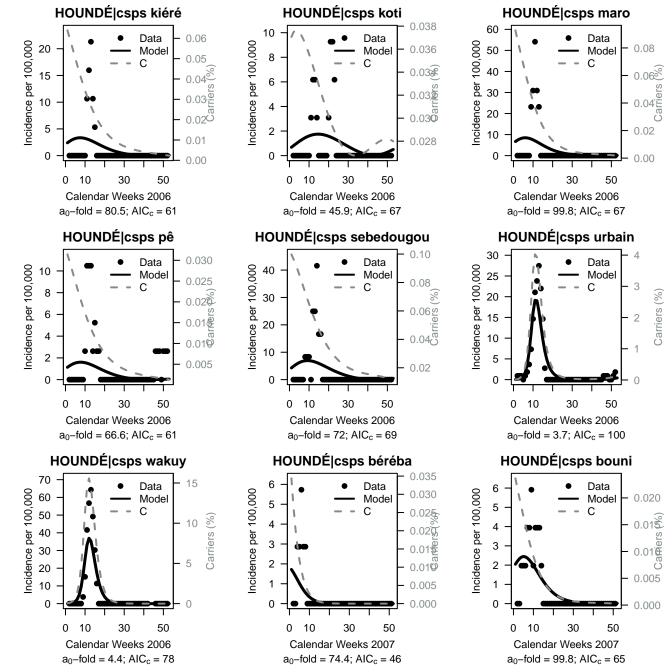
Results of age st	tructured model estimations	using a poisson maxir	num likelihood approa	ch.

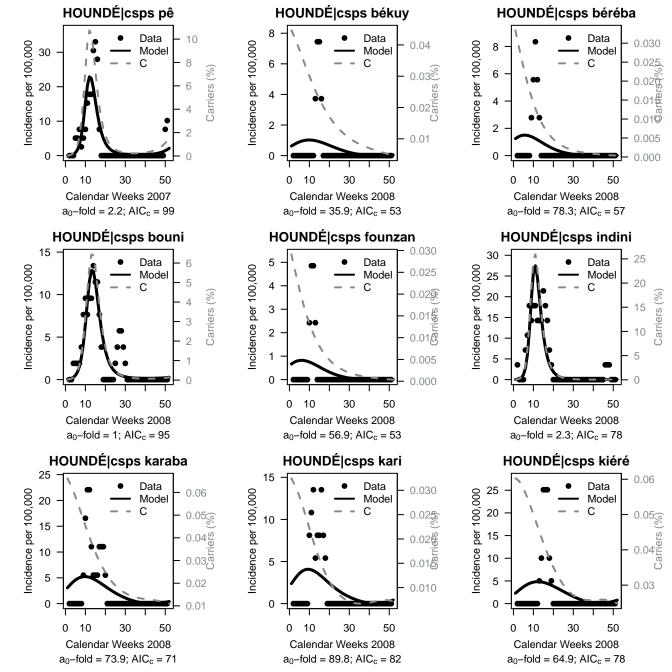


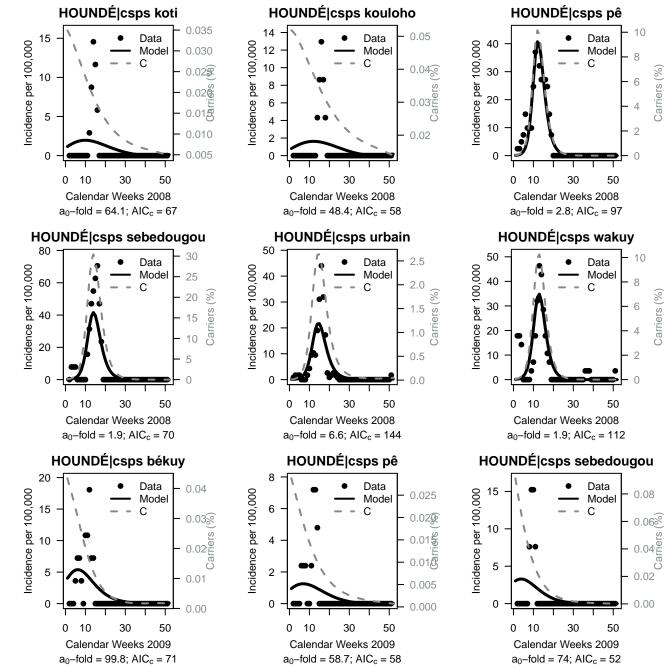


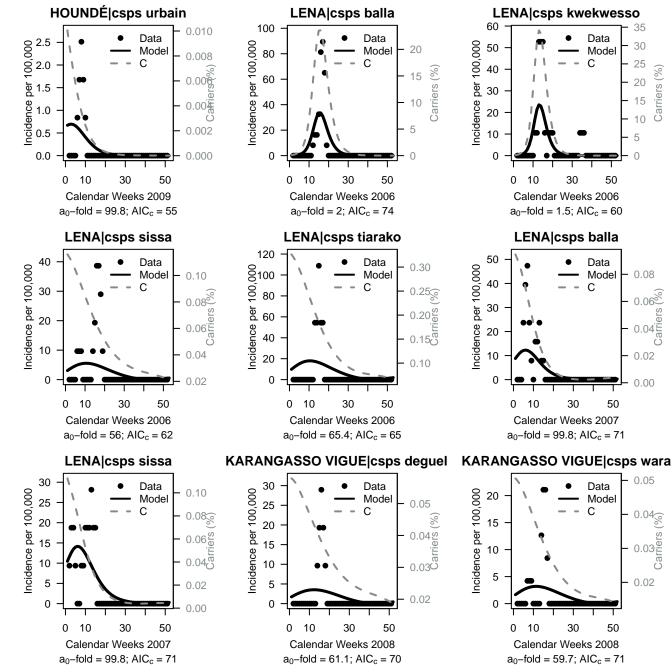




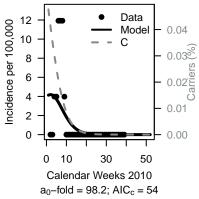








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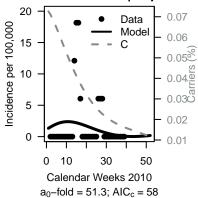
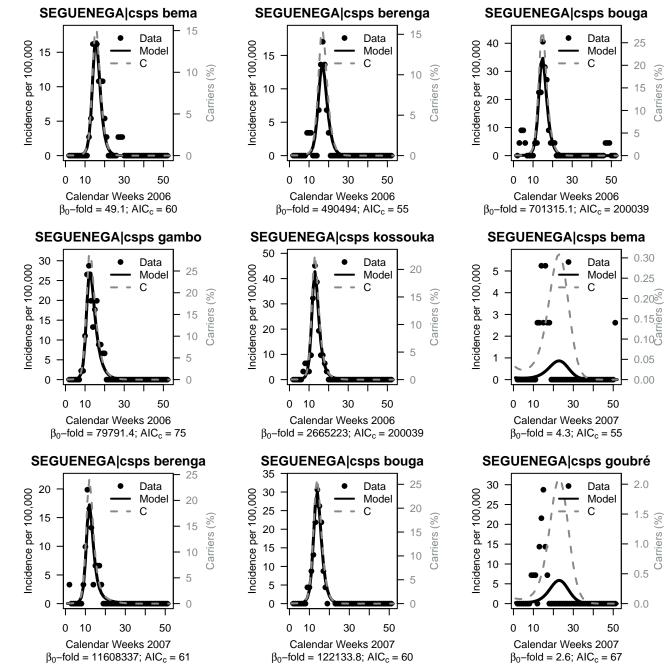
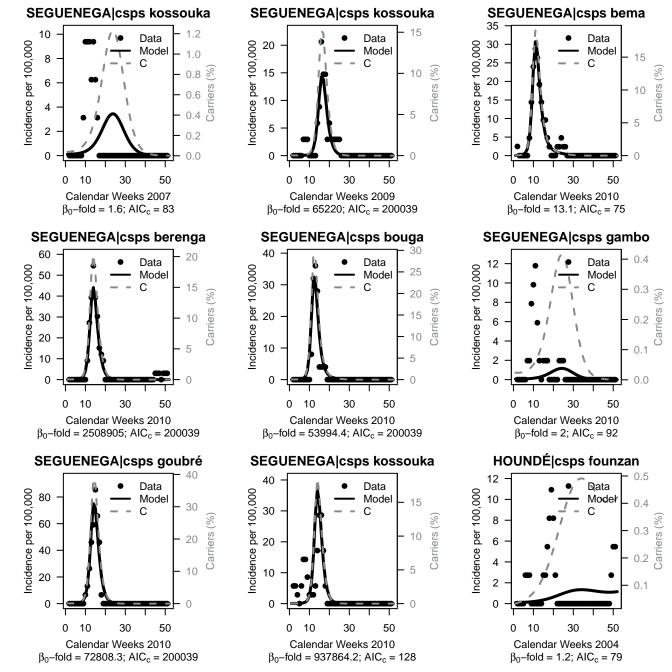
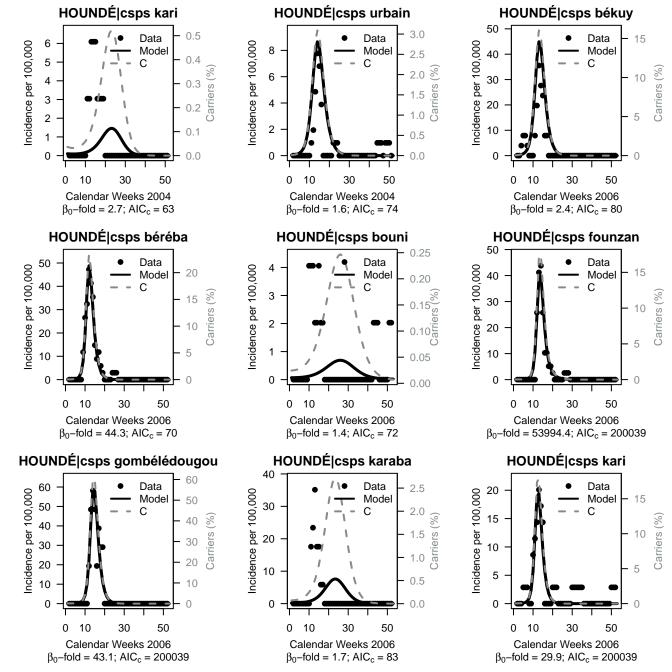
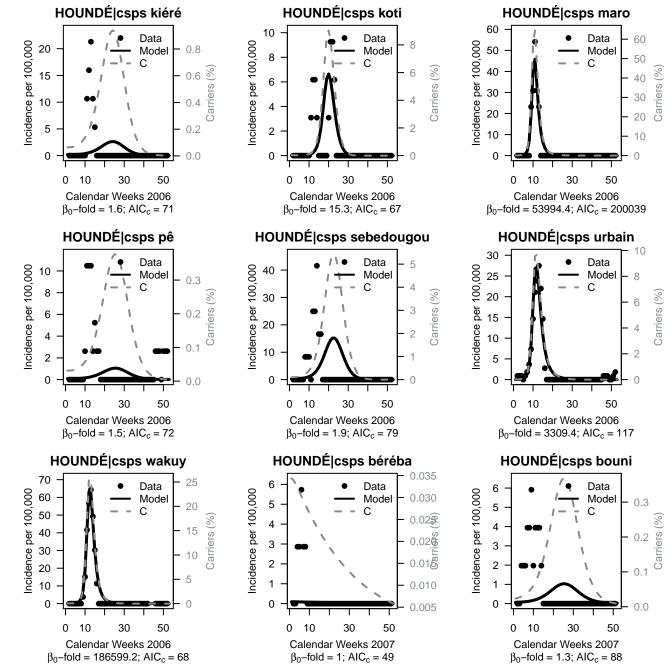


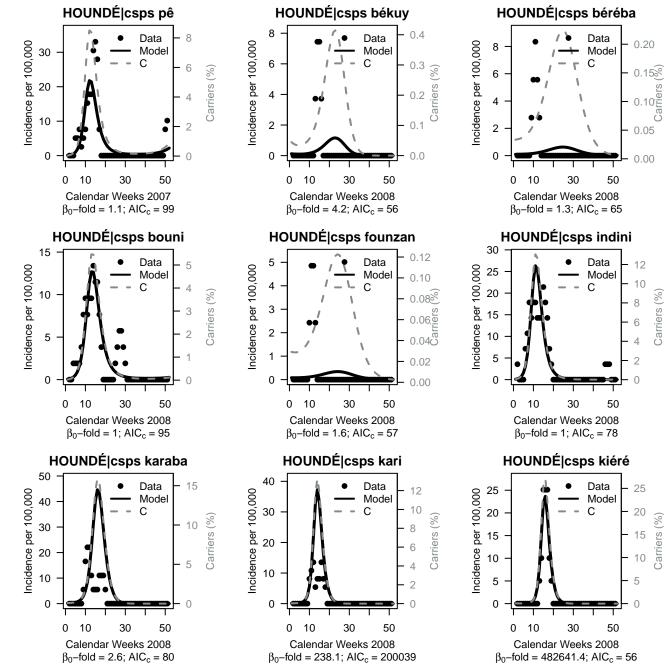
Figure 2. Model2—"transm" trajectories matching plots of simulated and observed (weekly) data, for 64 health center—years with complete data, across four health distrits of Burkina faso (2004–2010).

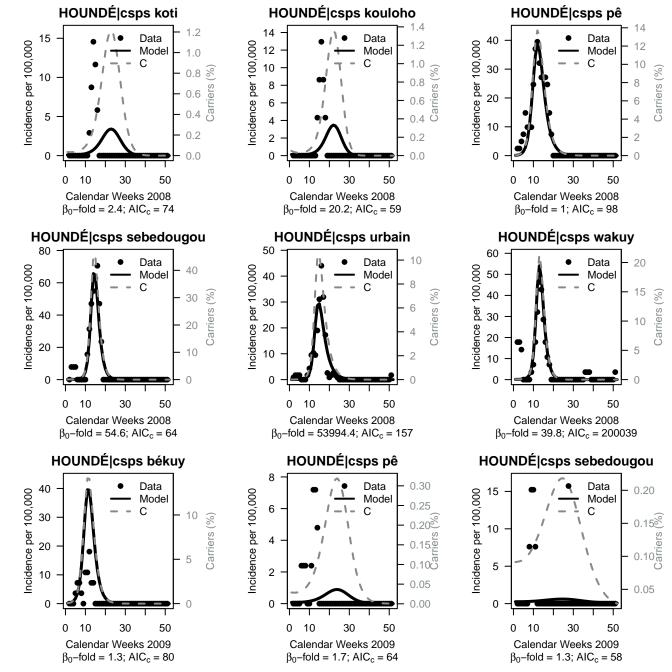


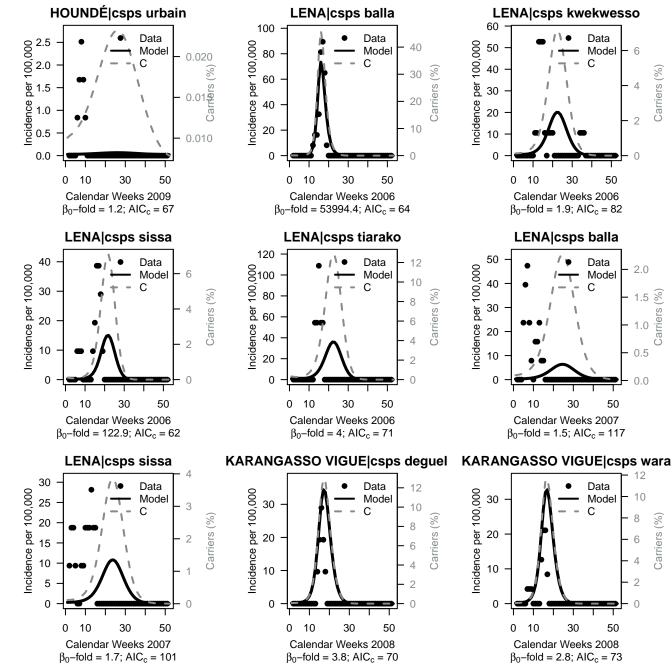




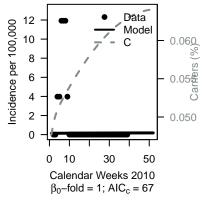








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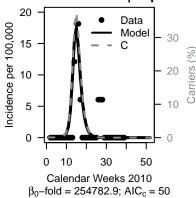
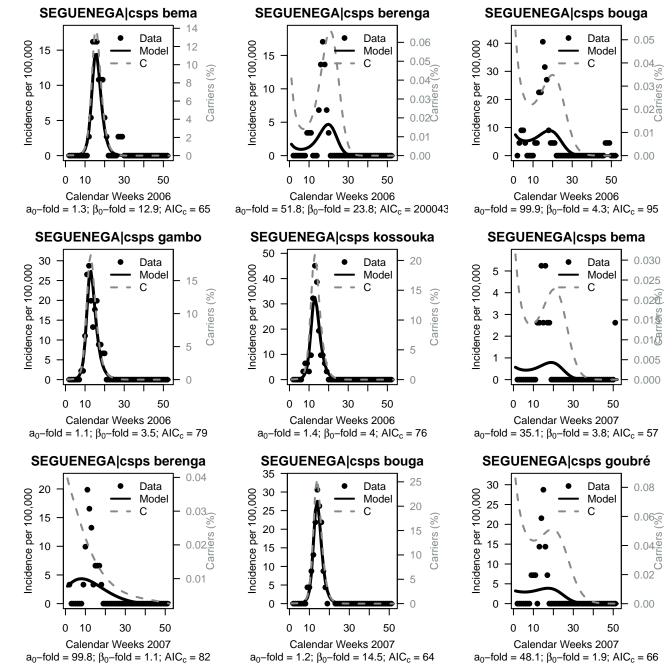
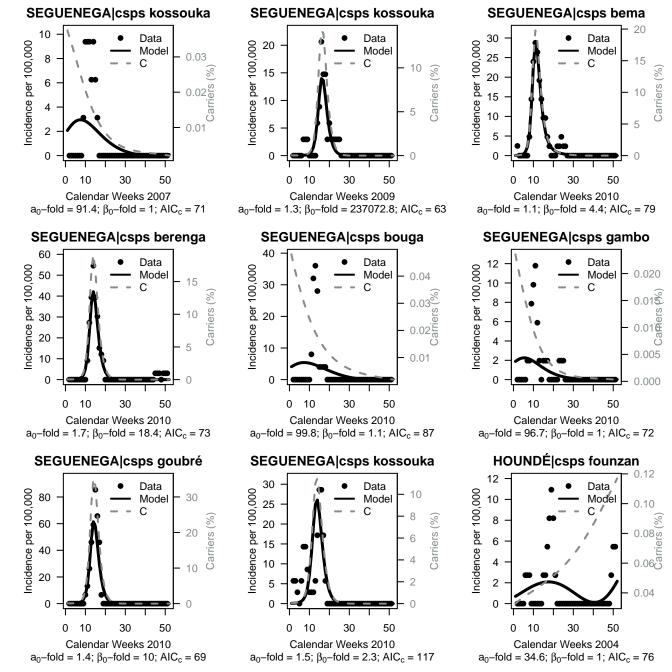
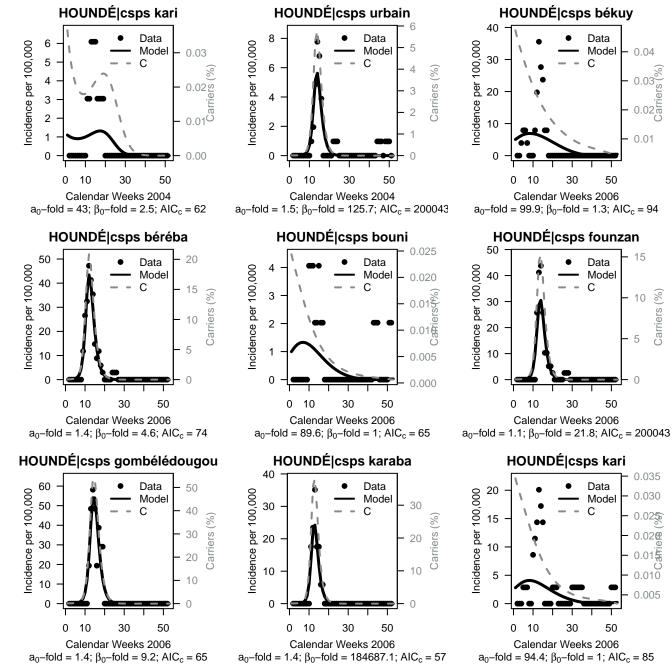
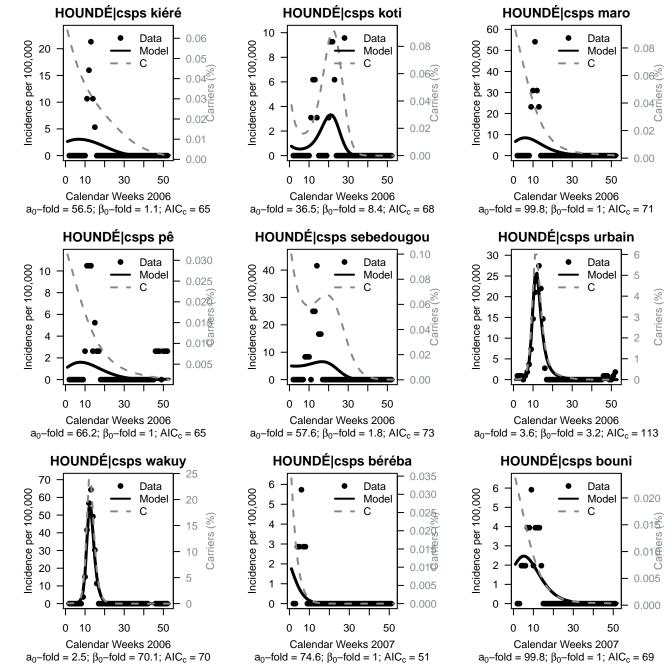


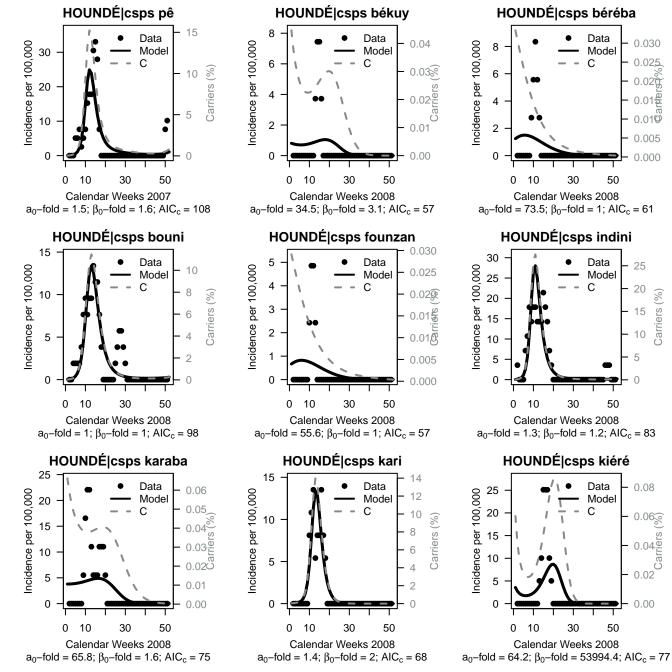
Figure 3. Model3-"inv-transm" trajectories matching plots of simulated and observed (weekly) data, for 64 health center-years with complete data, across four health distrits of Burkina faso (2004–2010).

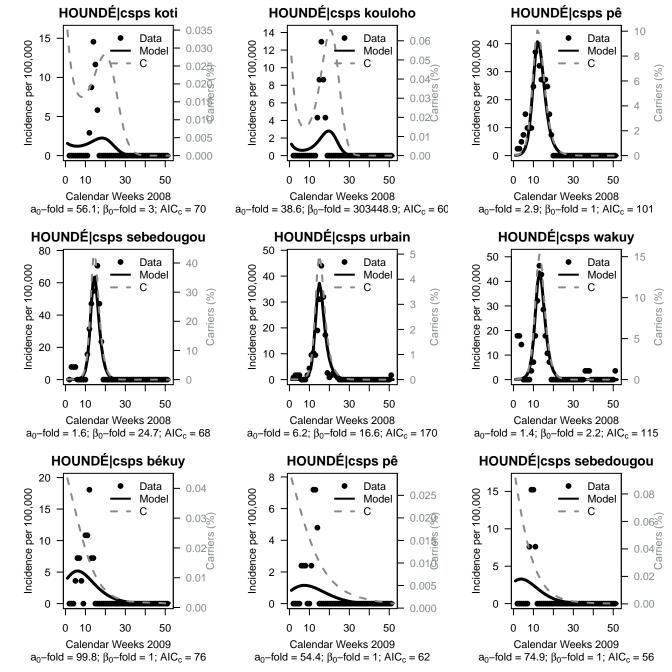


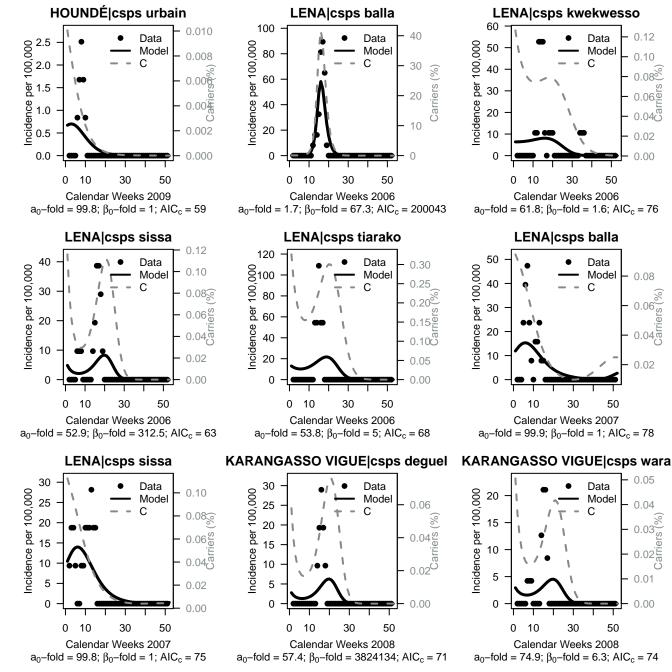




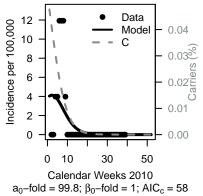


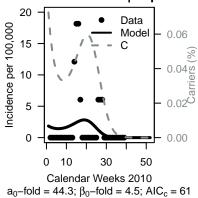


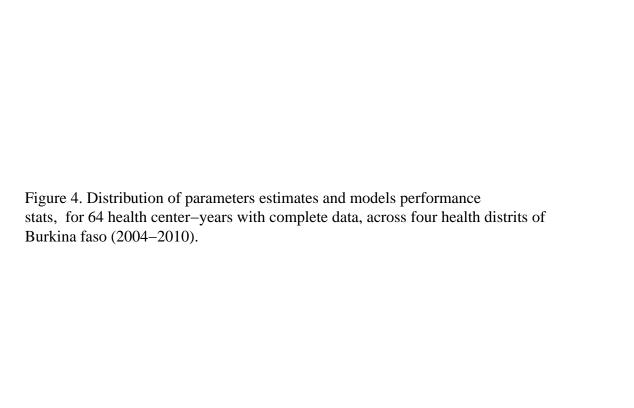




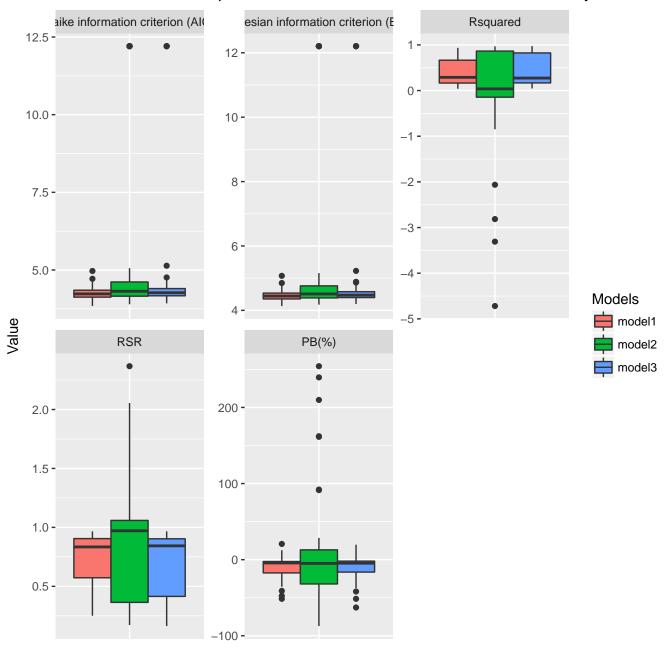
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Distribution of model performance stats across the 64 health center...years



## Distribution of parameters estimates across the 64 health center...years

