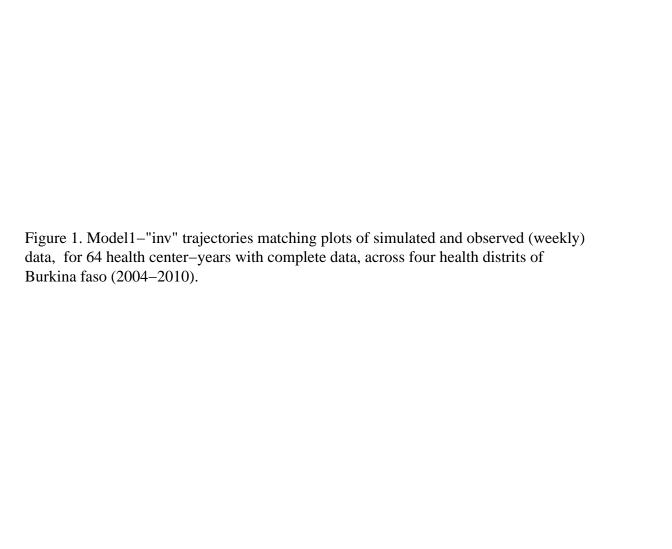
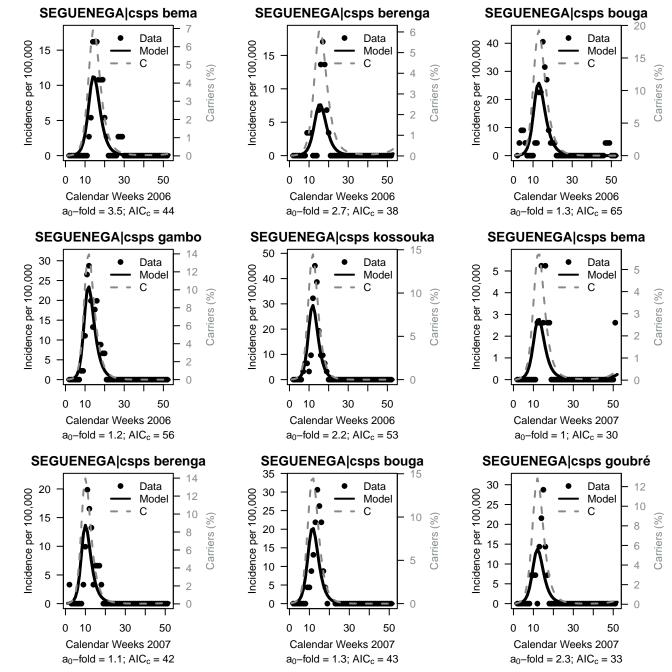
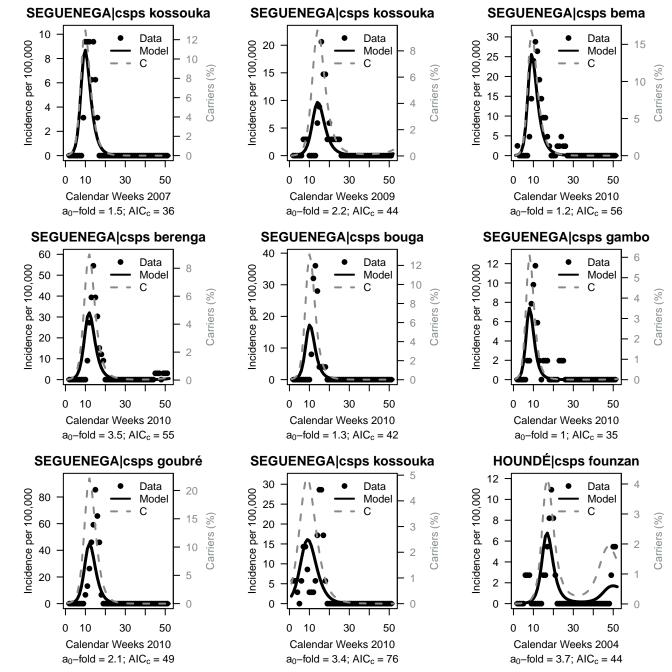
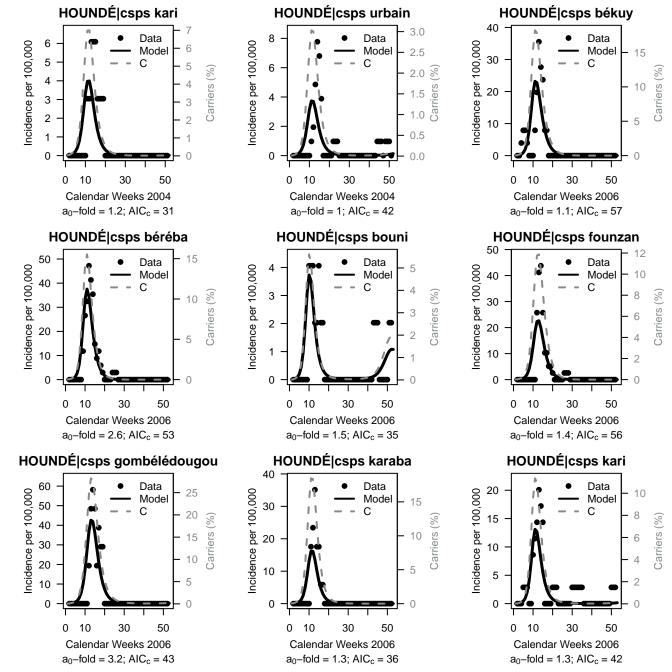
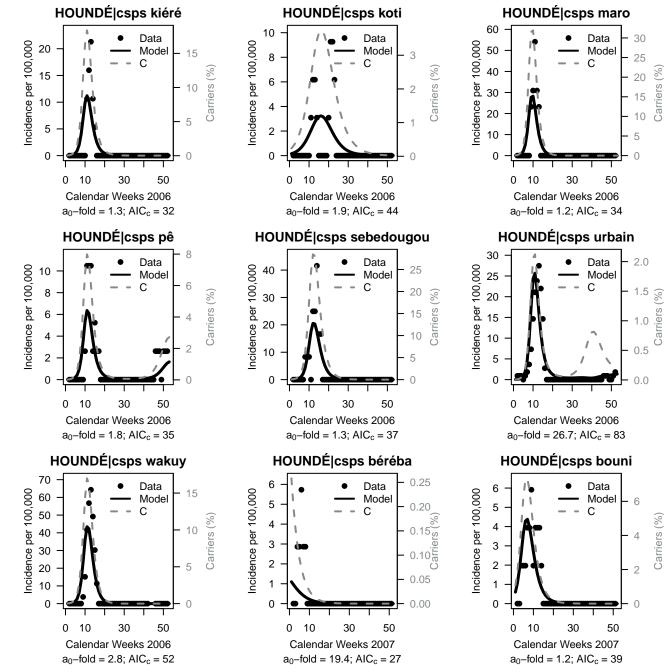
Resul	ts of model estin	nations using a po	oisson maximum	ı likelihood appro	oach.	

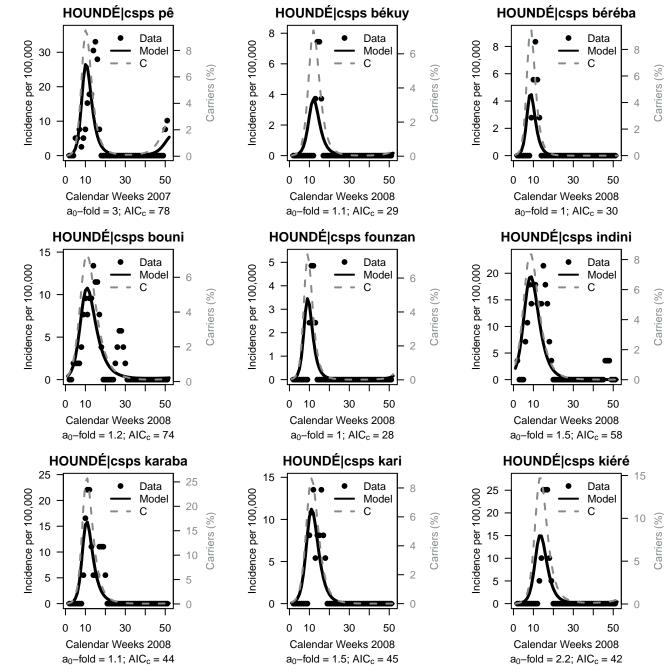


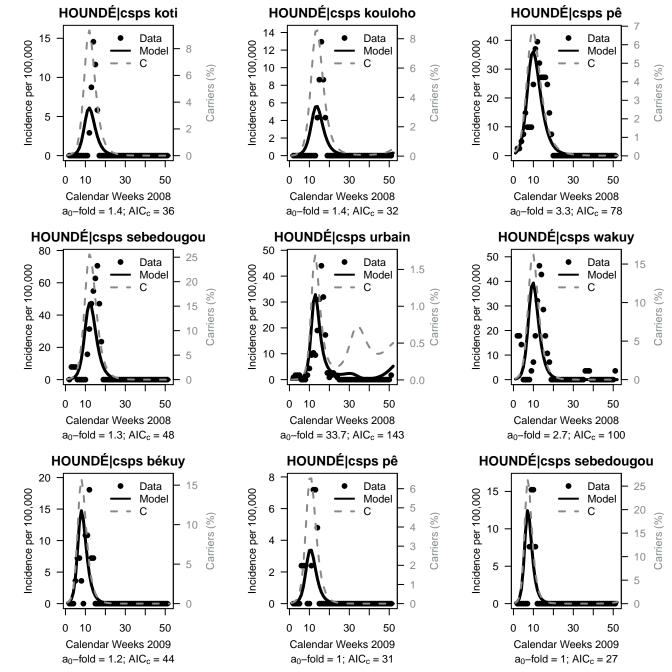


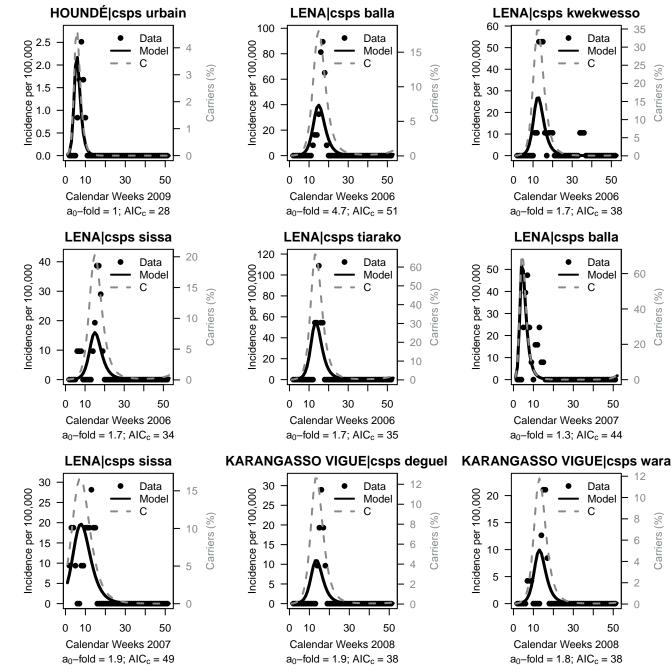




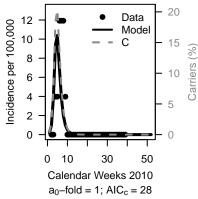








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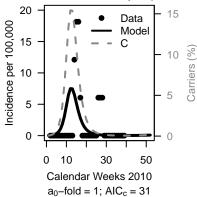
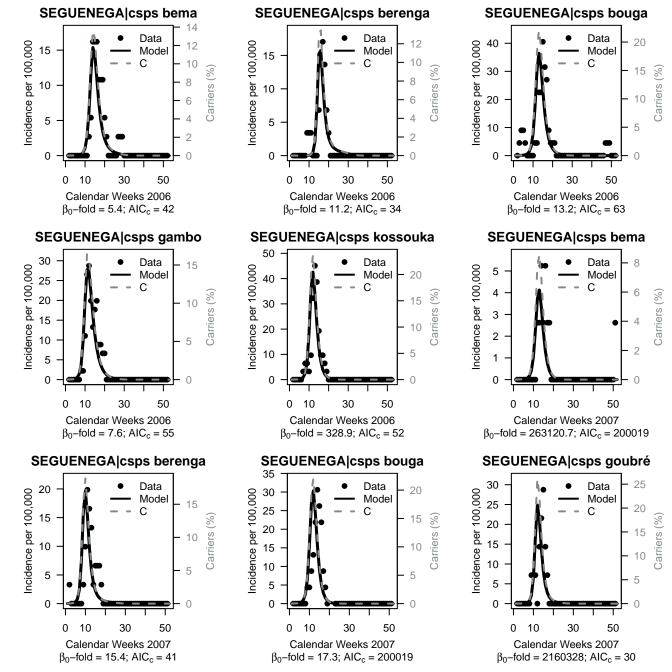
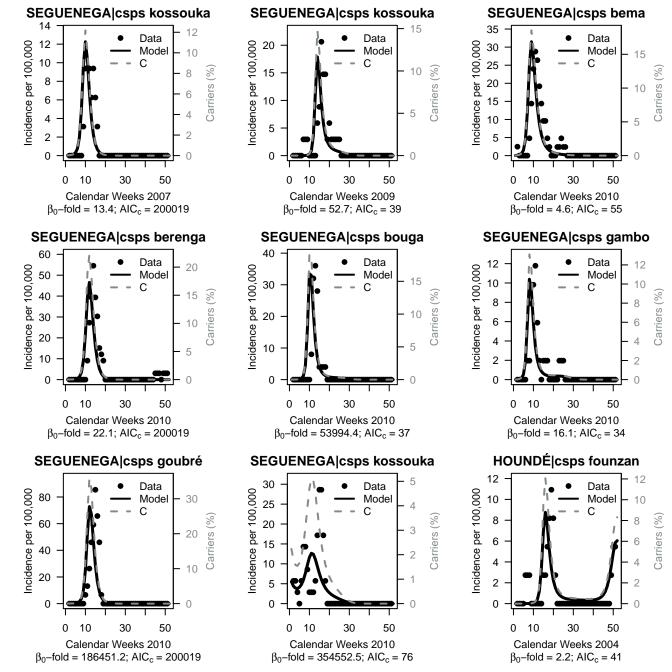
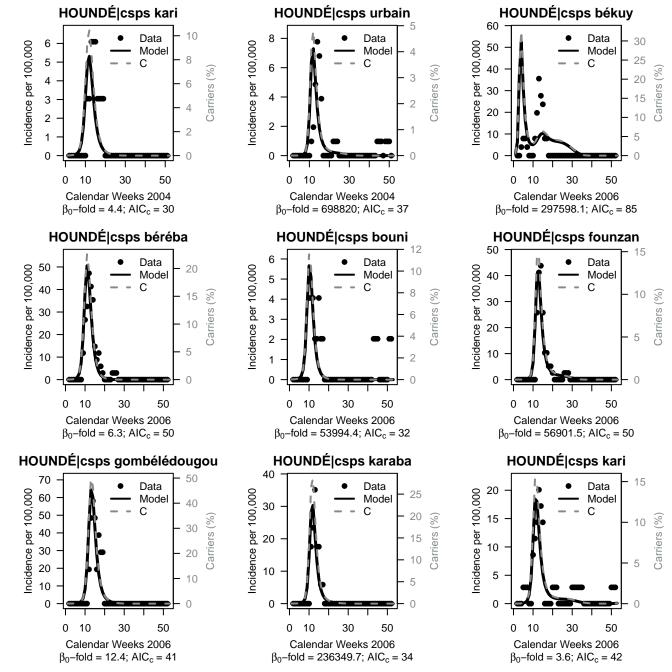
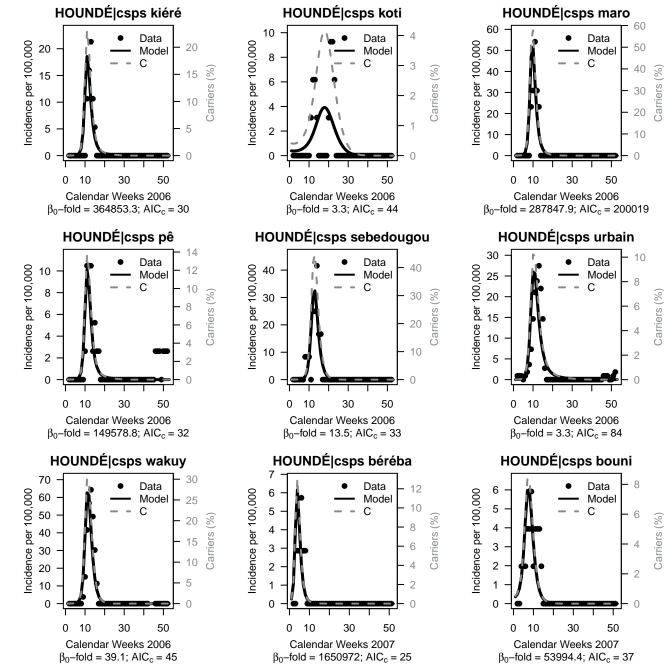


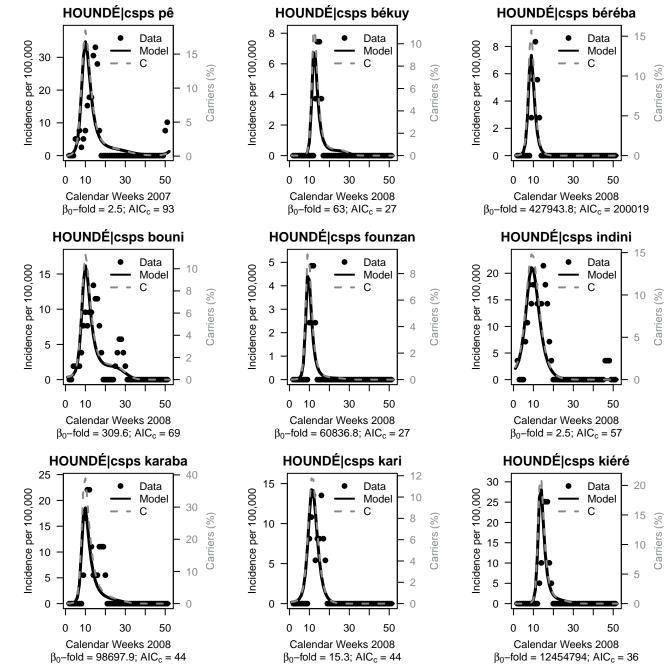
Figure 2. Model2—"transm" trajectories matching plots of simulated and observed (weekly) data, for 64 health center—years with complete data, across four health distrits of Burkina faso (2004–2010).

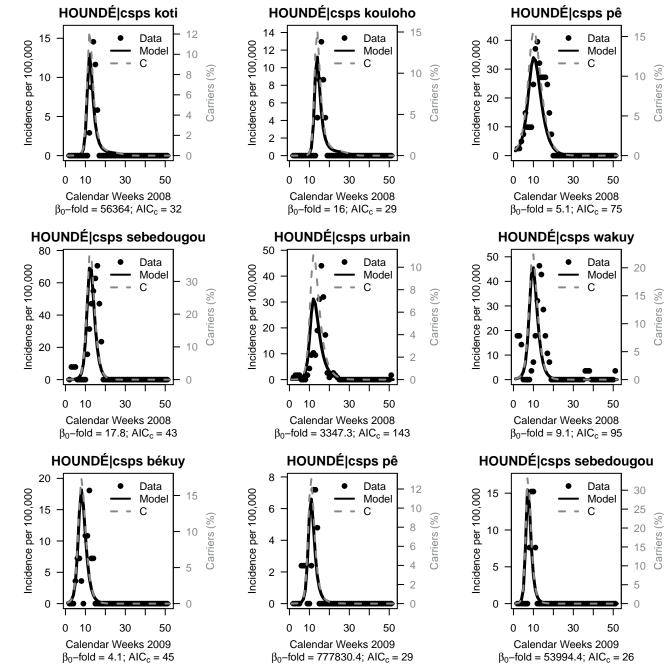


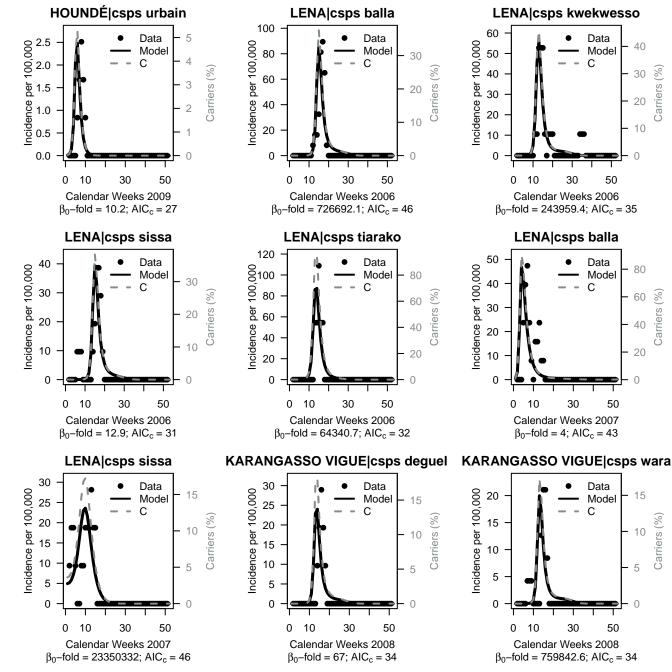




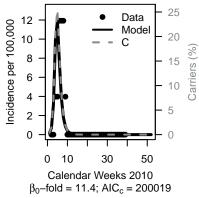








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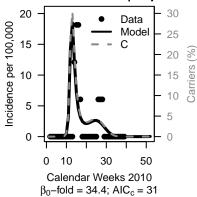
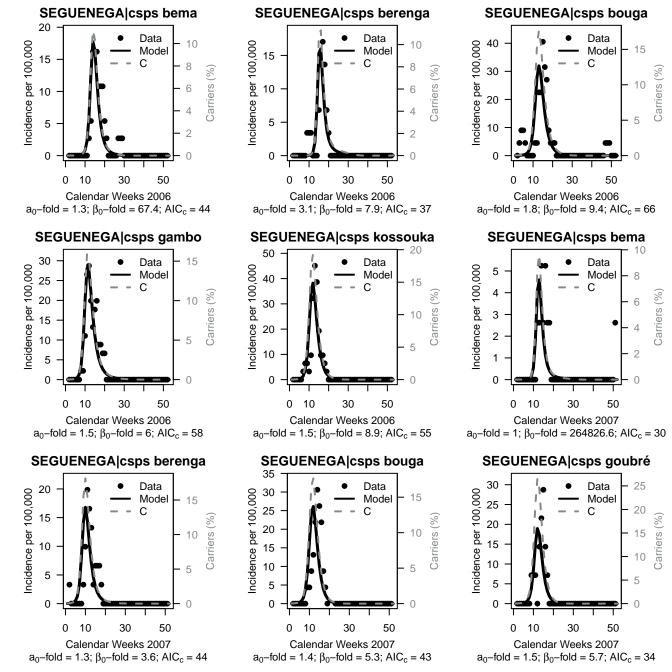
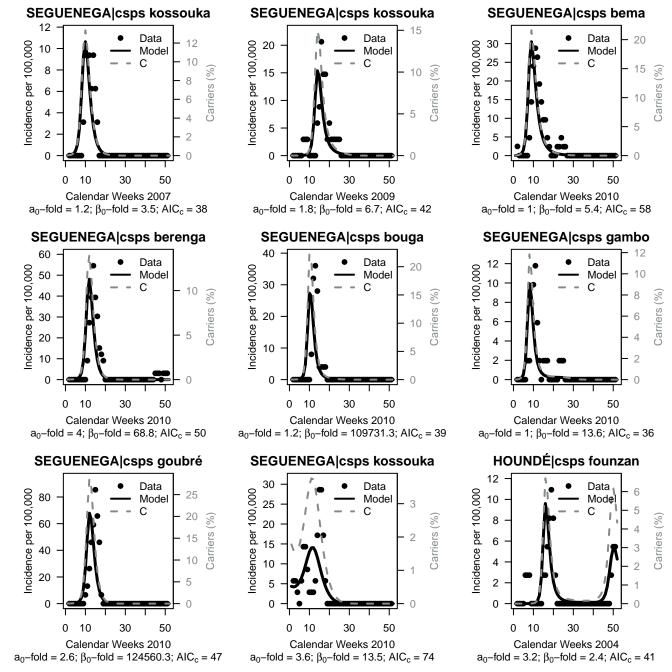
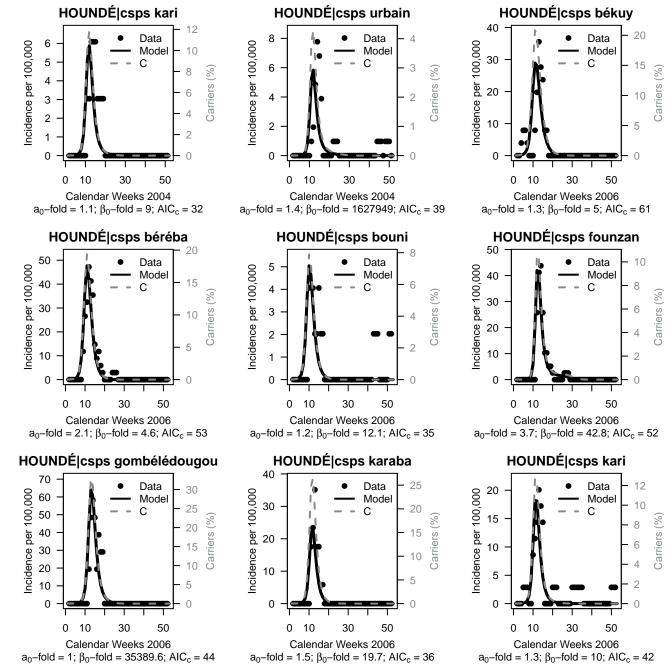
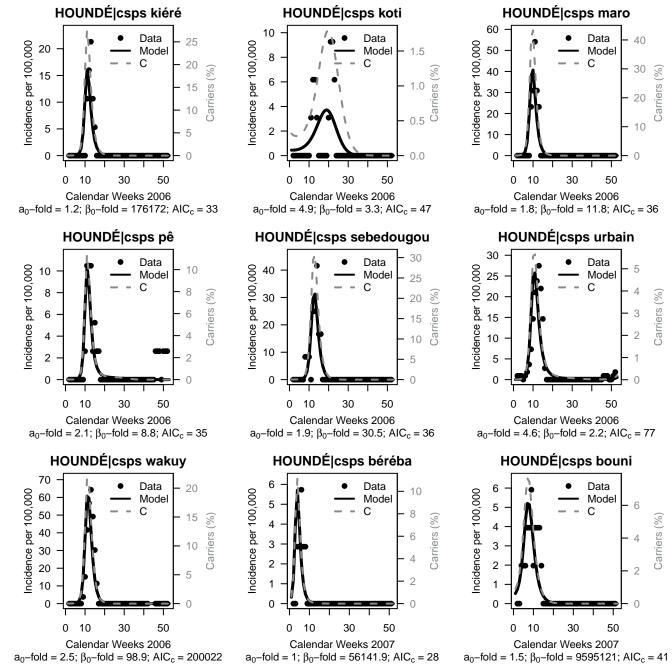


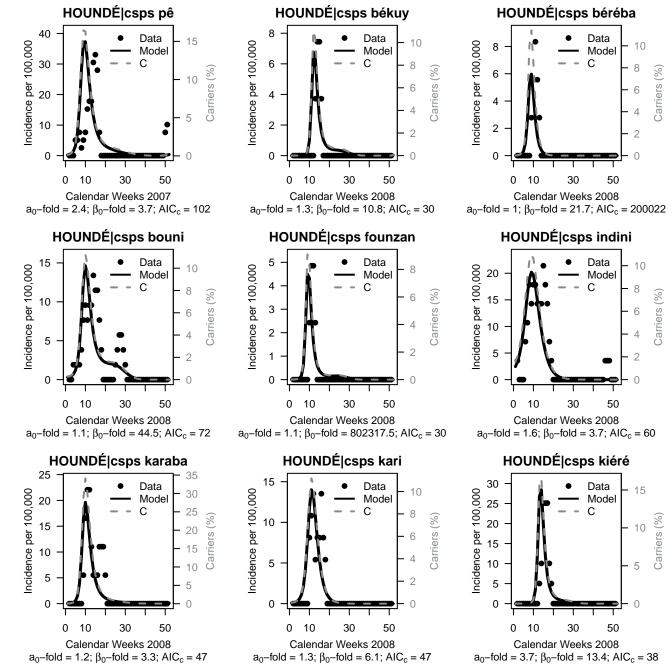
Figure 3. Model3-"inv-transm" trajectories matching plots of simulated and observed (weekly) data, for 64 health center-years with complete data, across four health distrits of Burkina faso (2004–2010).

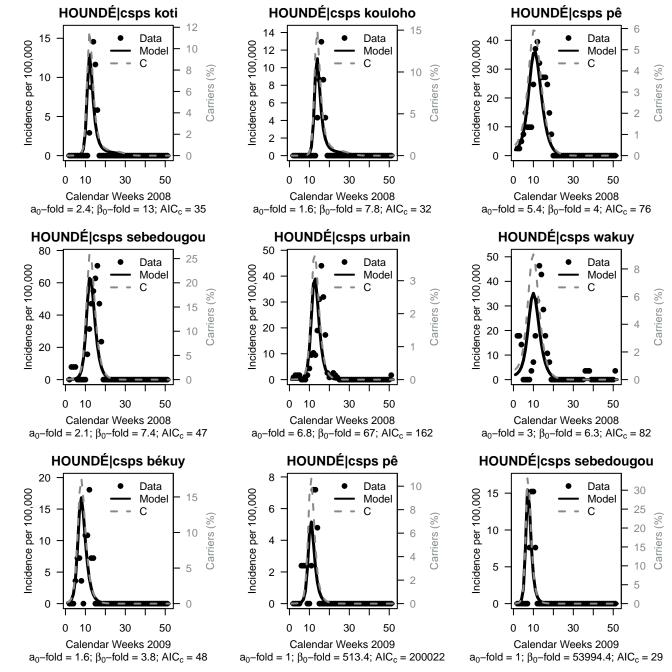


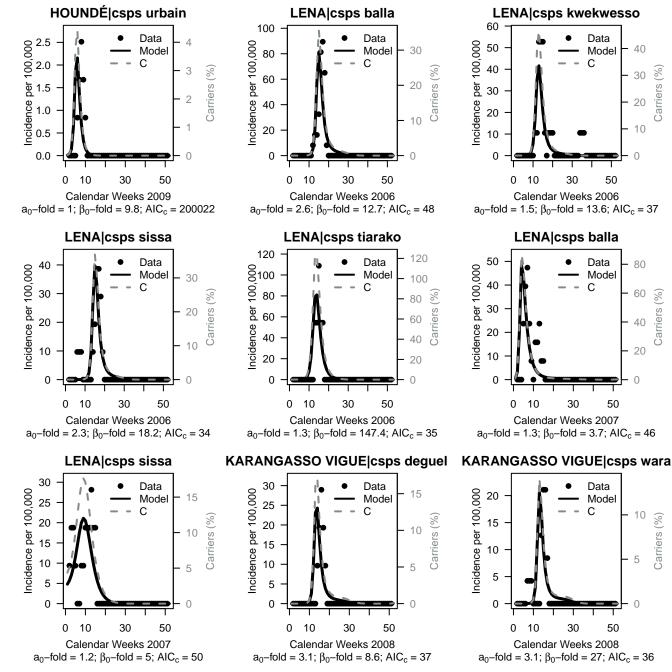




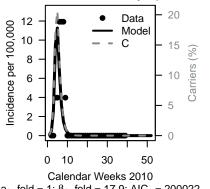


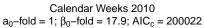


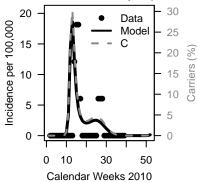




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 a_0 -fold = 1.3; β_0 -fold = 16.6; AIC_c = 34

