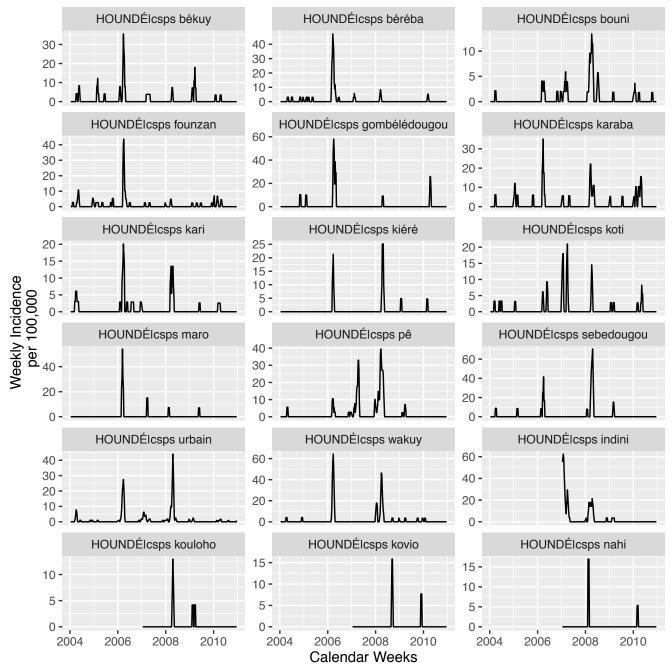


]	Figure 1. Time series of availabl nealth districts in Burkina–Faso	e hyperendemic menin (2004–2012).	gitis data across hea	Ith centers of four



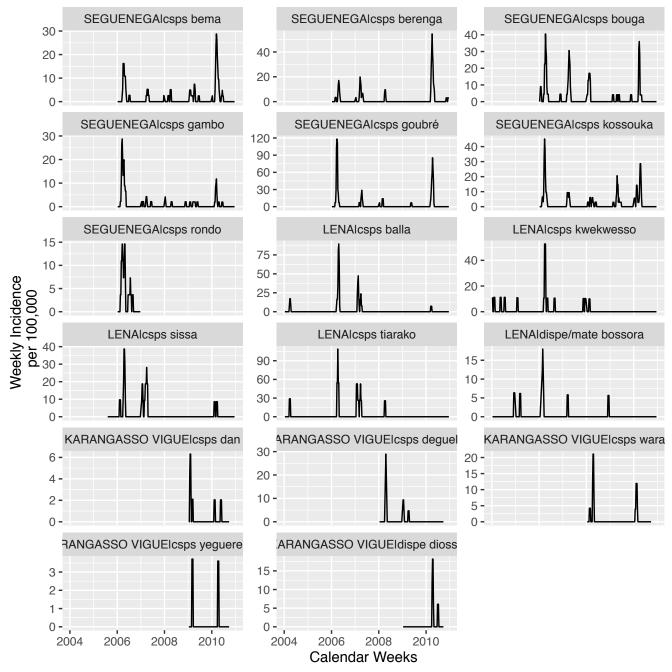
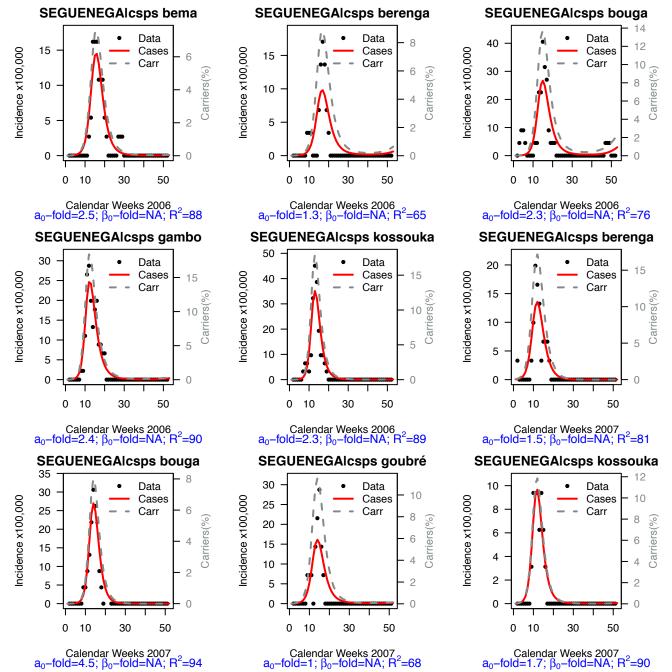
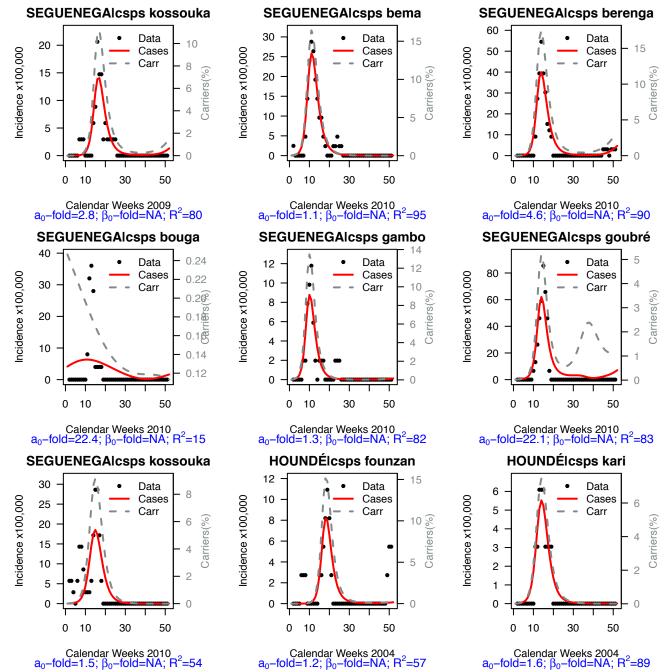
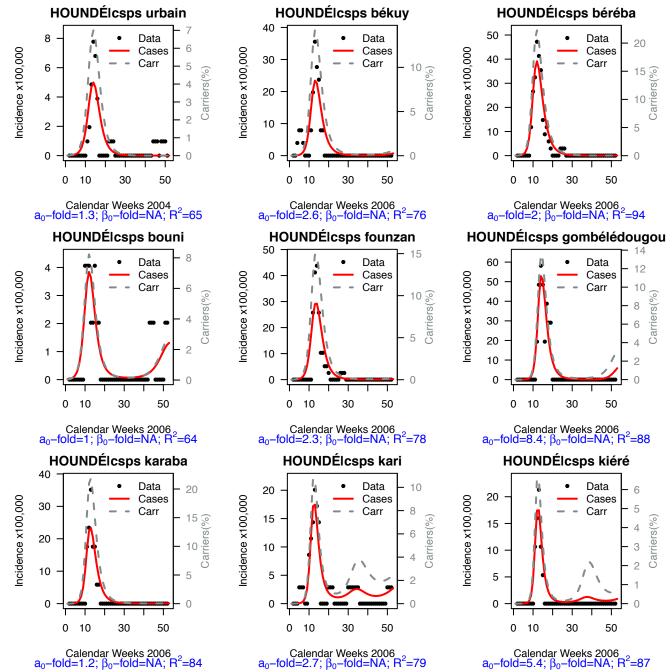
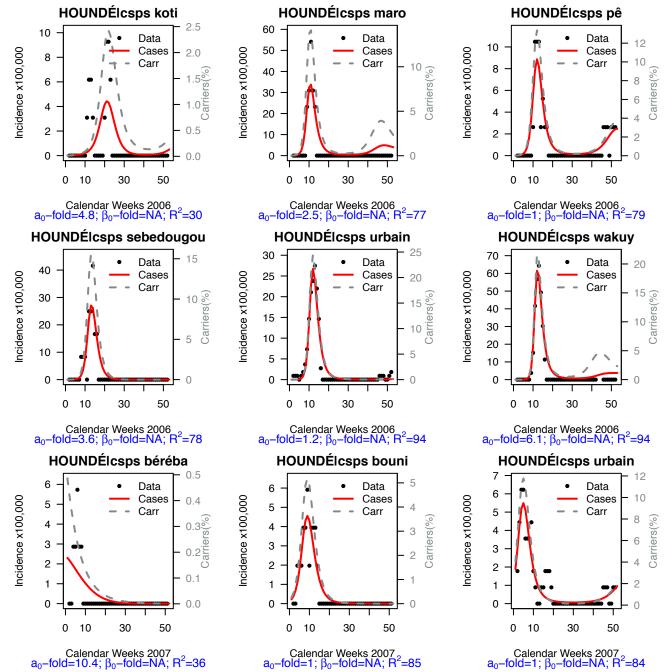


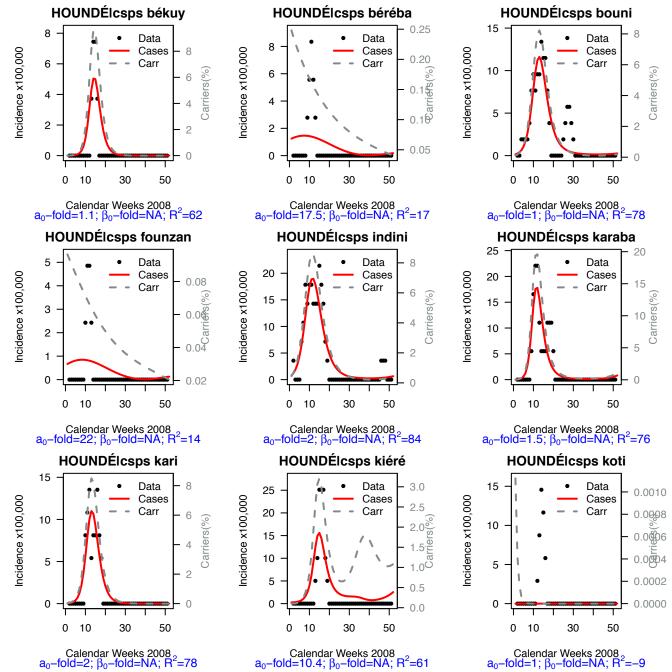
Figure 2. Model 1's trajectories matching plots of simulated and observed (weekly) data, for 64 health center–years with complete data, across four health distrits of Burkina faso (2004–2010).

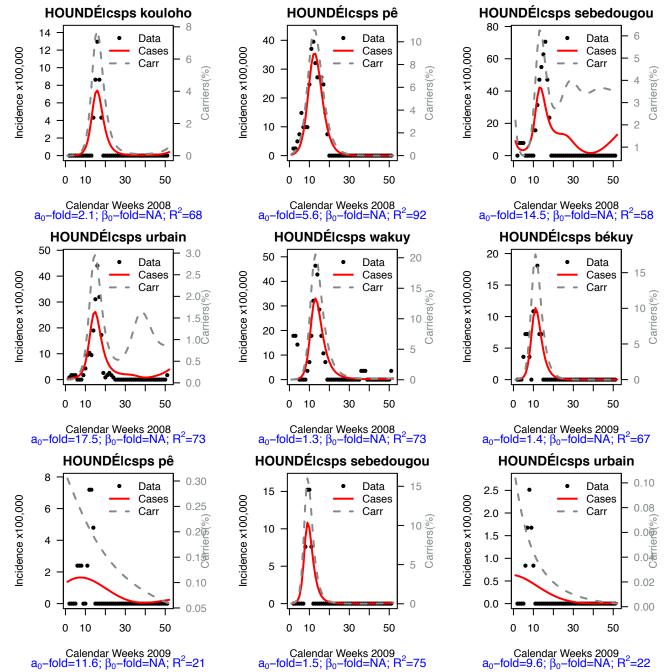


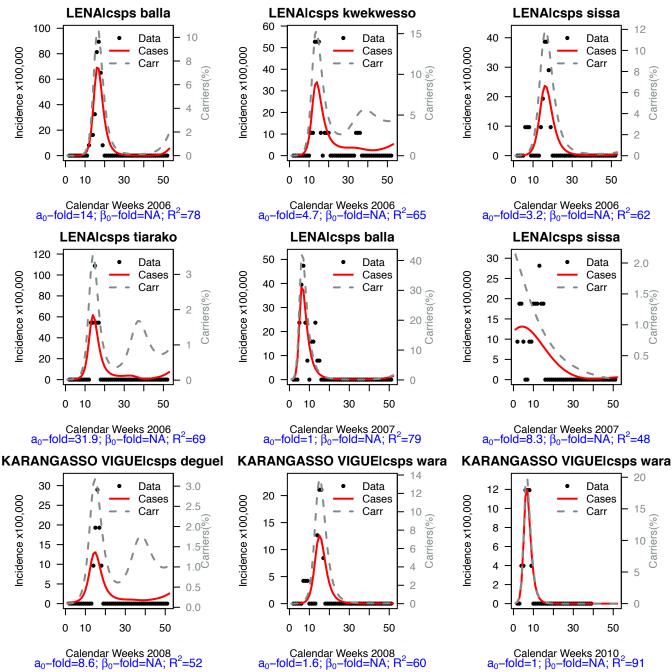




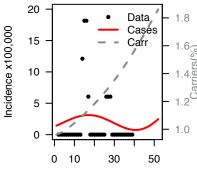






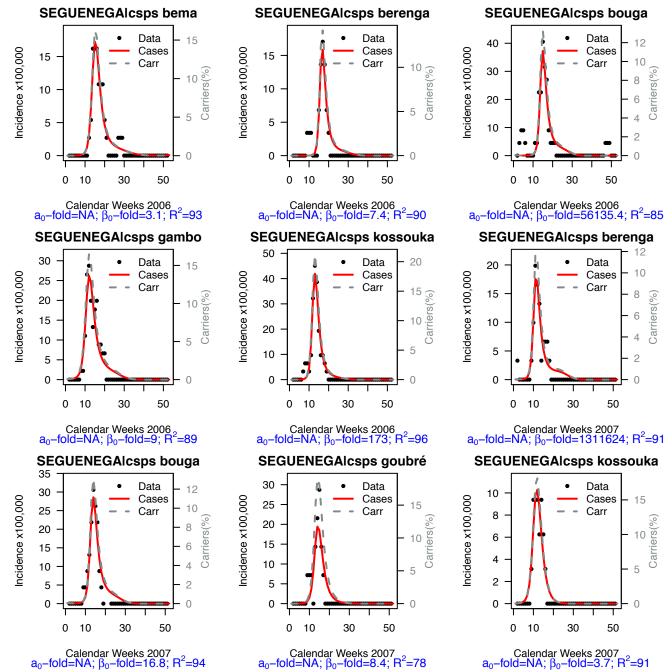


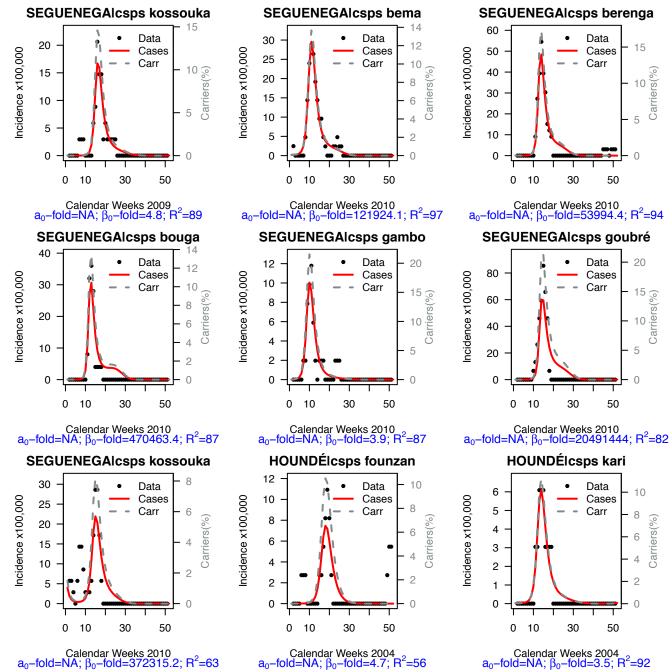
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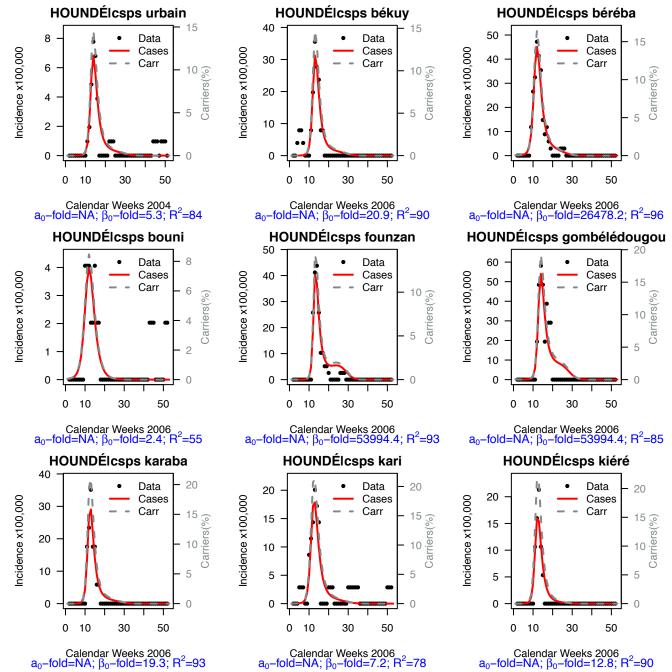


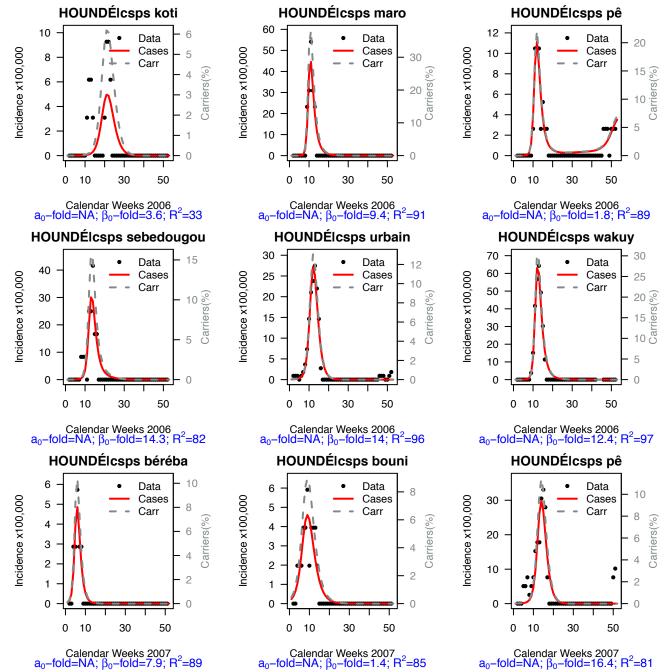
Calendar Weeks 2010 a_0 -fold=5.9; β_0 -fold=NA; R^2 =9

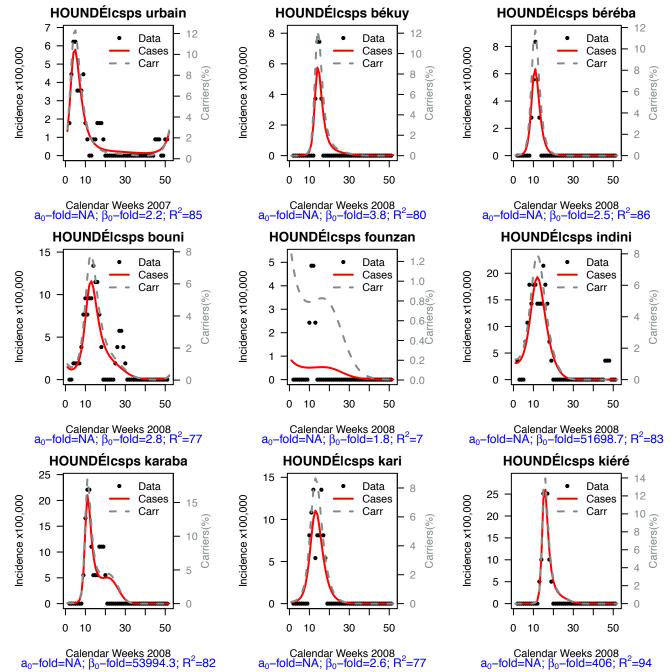
2's trajectories matching plots ars with complete data, across	

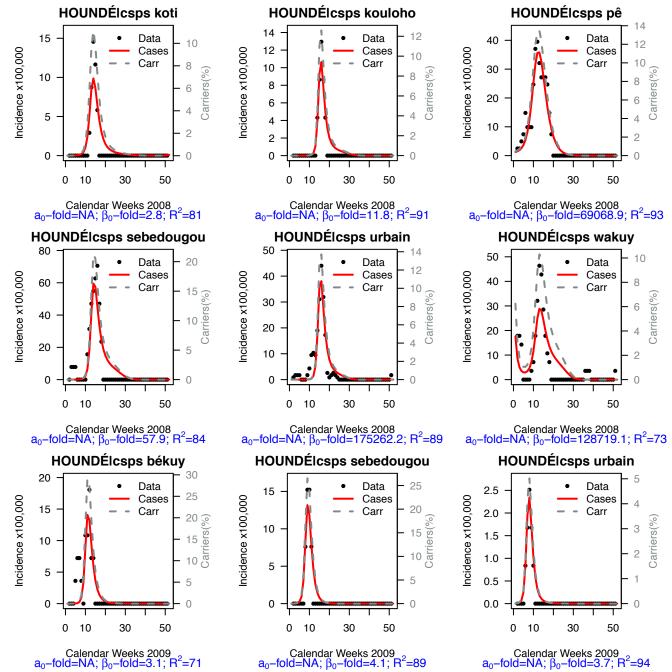


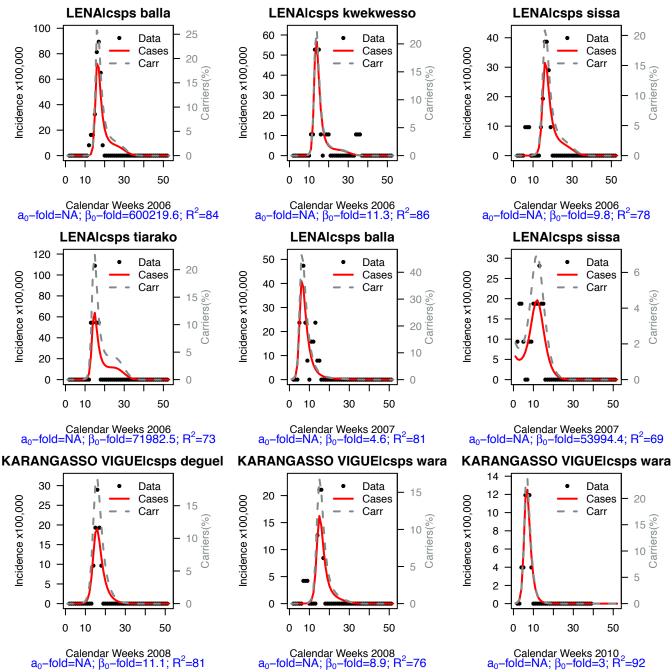




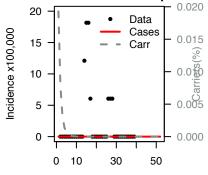






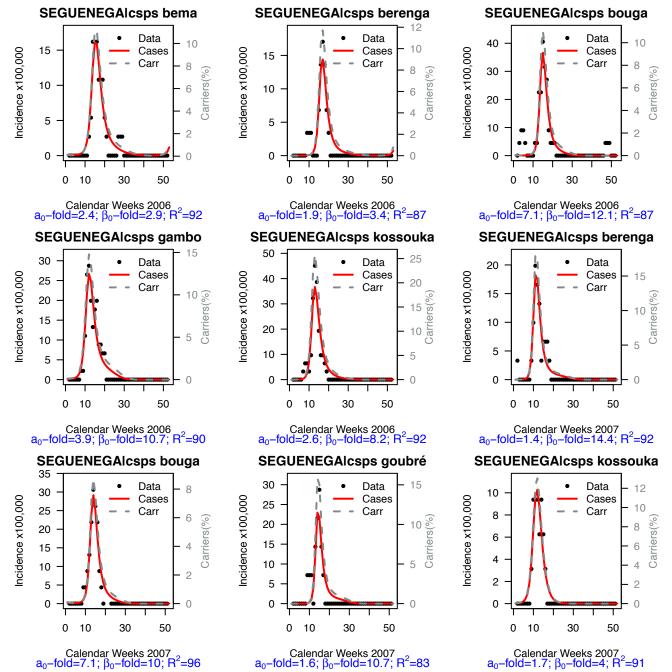


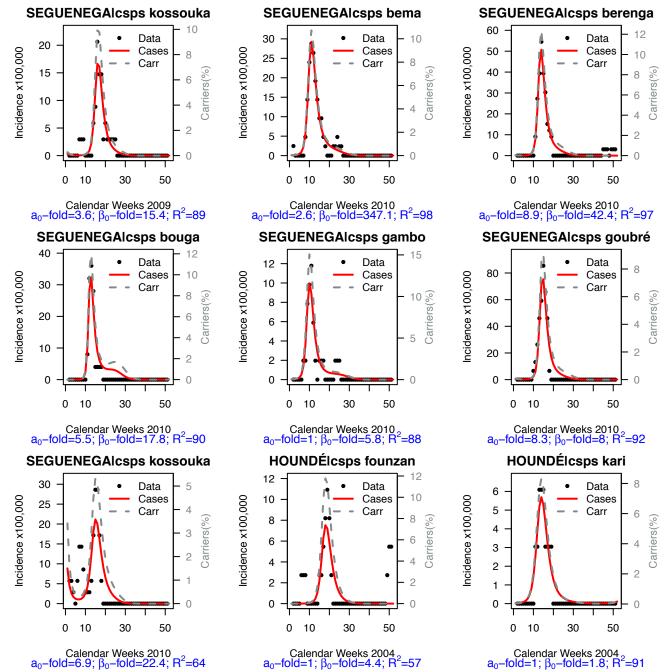
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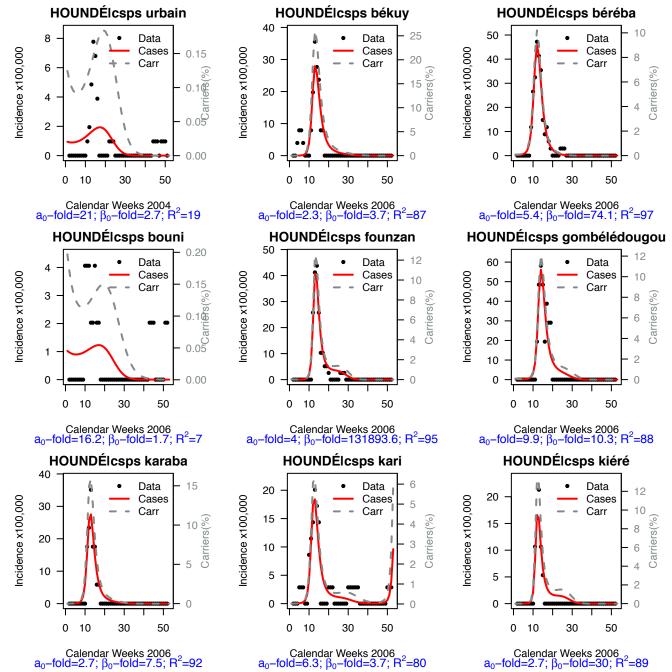


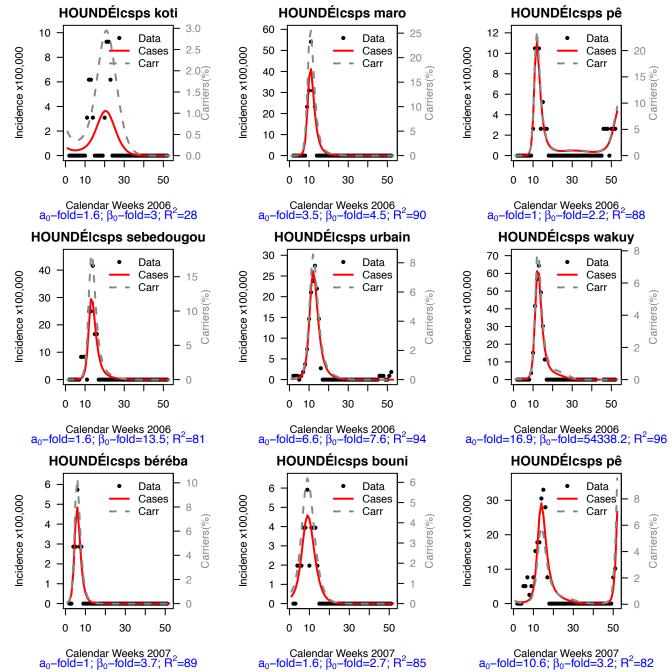
Calendar Weeks 2010 a_0 -fold=NA; β_0 -fold=939493.4; R^2 =-17

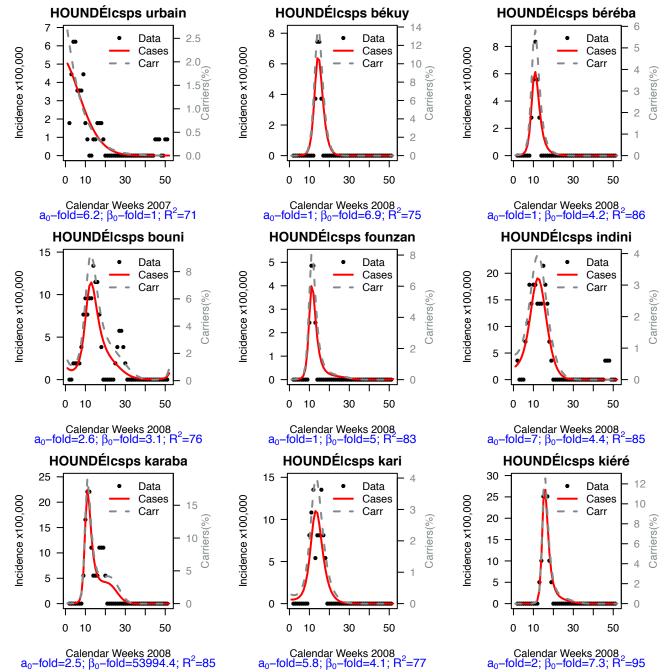
's trajectories matching plots of simurs with complete data, across four he	

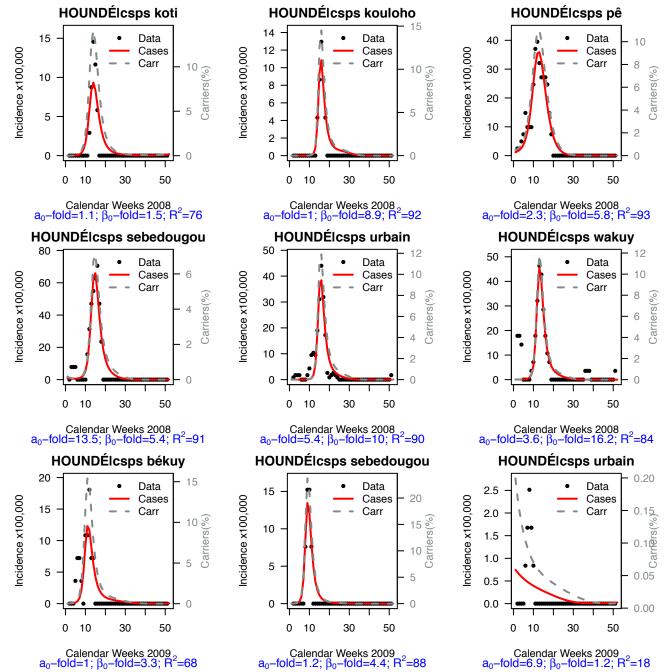


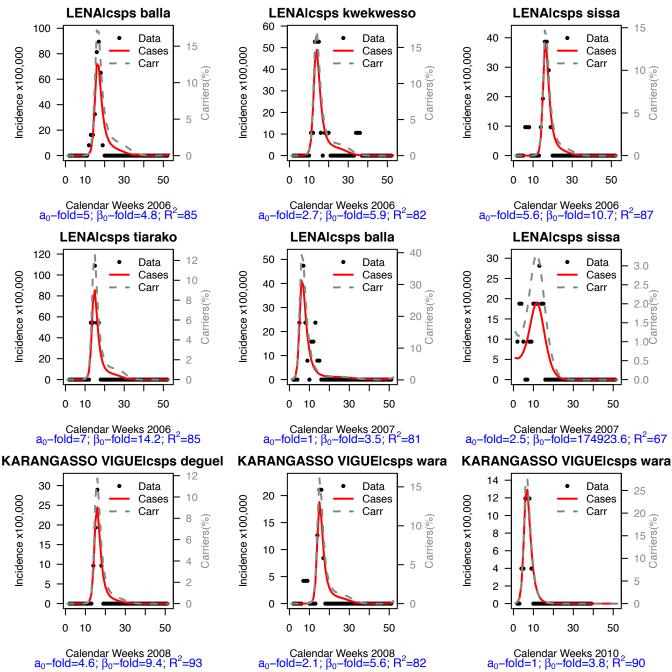




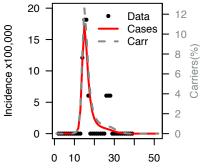








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Calendar Weeks 2010 a_0 -fold=2.8; β_0 -fold=12.2; R^2 =77