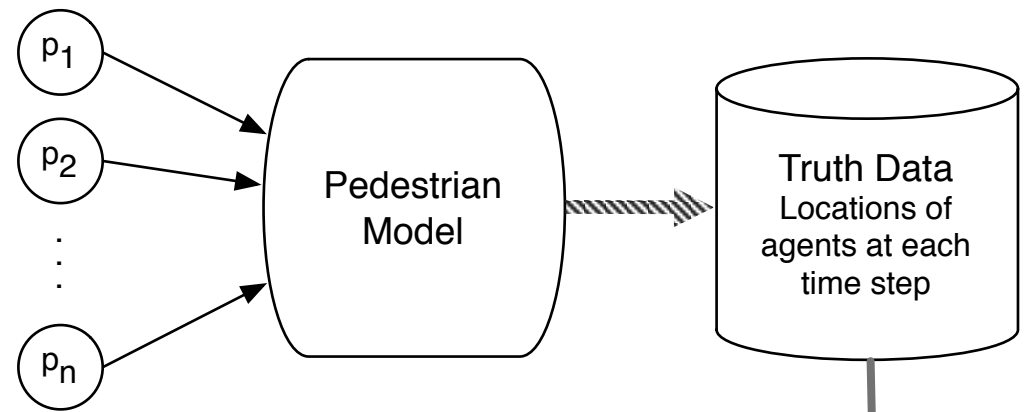


1. Create Pseudo-Truth Data

Model and agent parameters are fixed for all experiments



2. Data Assimilation Framework

Prior estimates of the system state are generated by running the model multiple times

Posterior state estimates are generated by the probabilistic model using MCMC sampling

Forecasts should have improved accuracy

