

Figure S1: Particles in the Θ - τ space for the case of state estimation with intermediate bias, (a-e): with a model error of 0.01 standard deviation and (f-j) model error of 0.1 standard deviation.

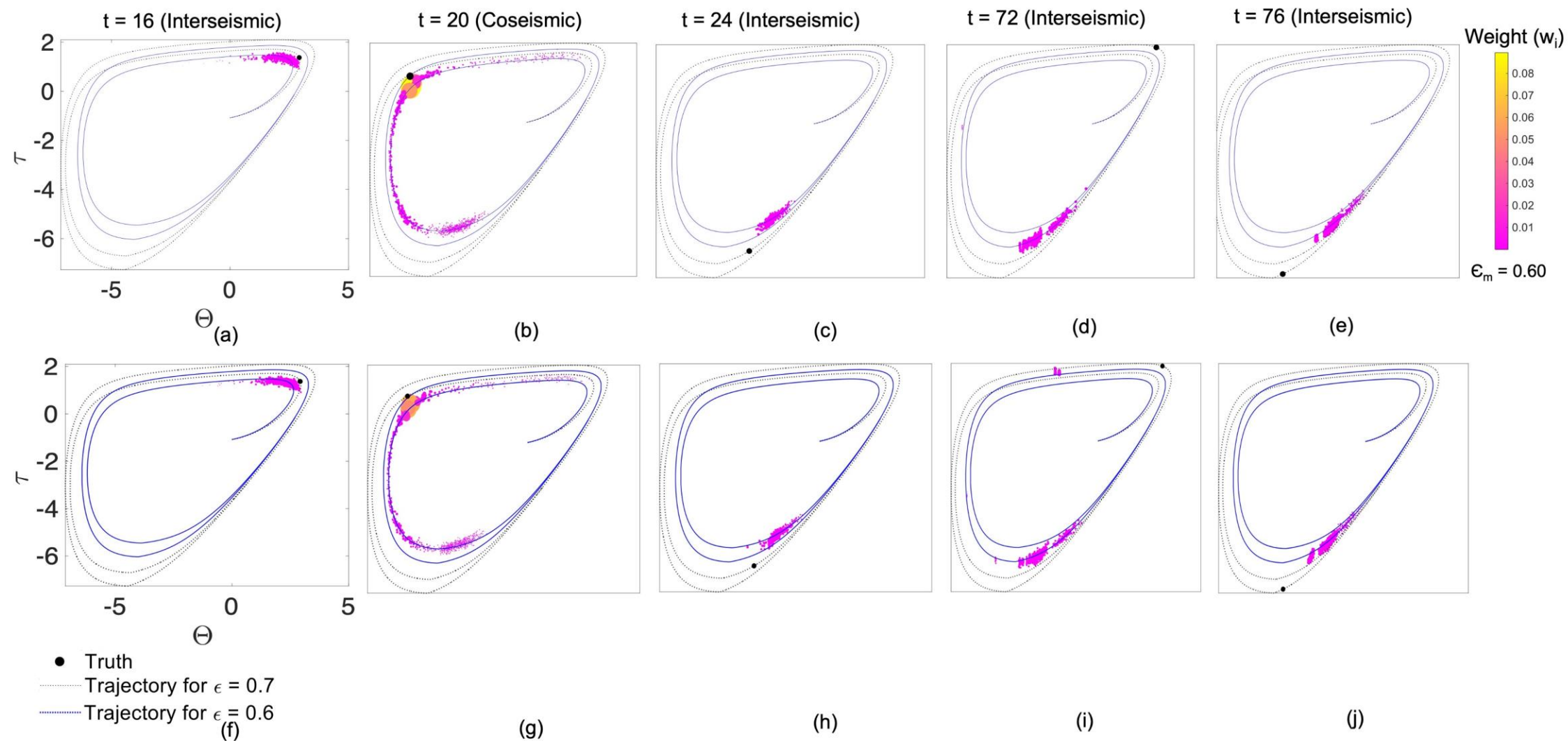


Figure S2: Particles in the Θ - τ space for the case of state estimation with intermediate bias (a-e): without double resampling (model error 0.01 SD) and (f-j) with double resampling (model error 0.01 SD).

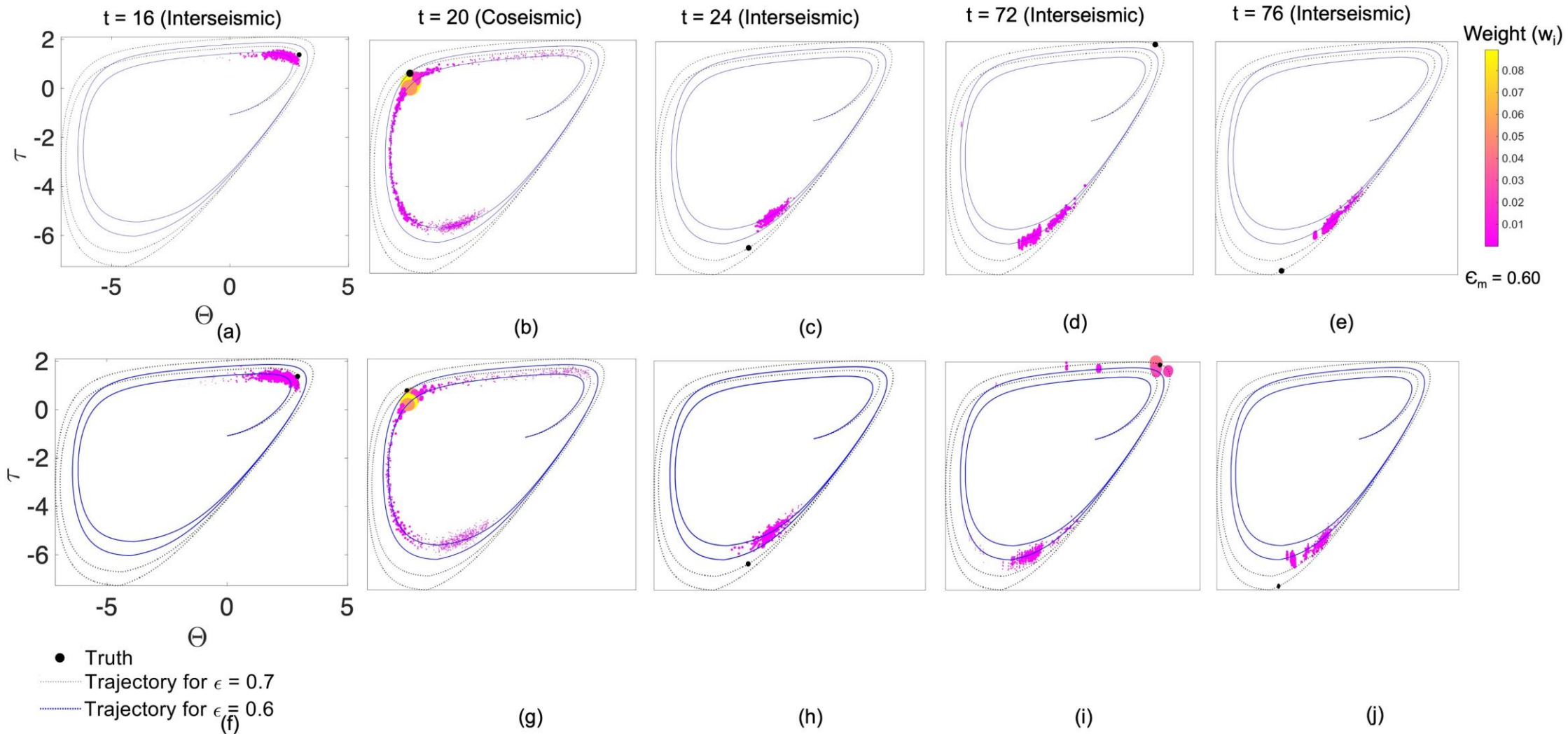


Figure S3: Particles in the Θ - τ space for the case of state estimation with intermediate bias (a-e): with a model error of 0.01 standard deviation and no double resampling and (f-j) model error of 0.1 standard deviation and double resampling (combined).