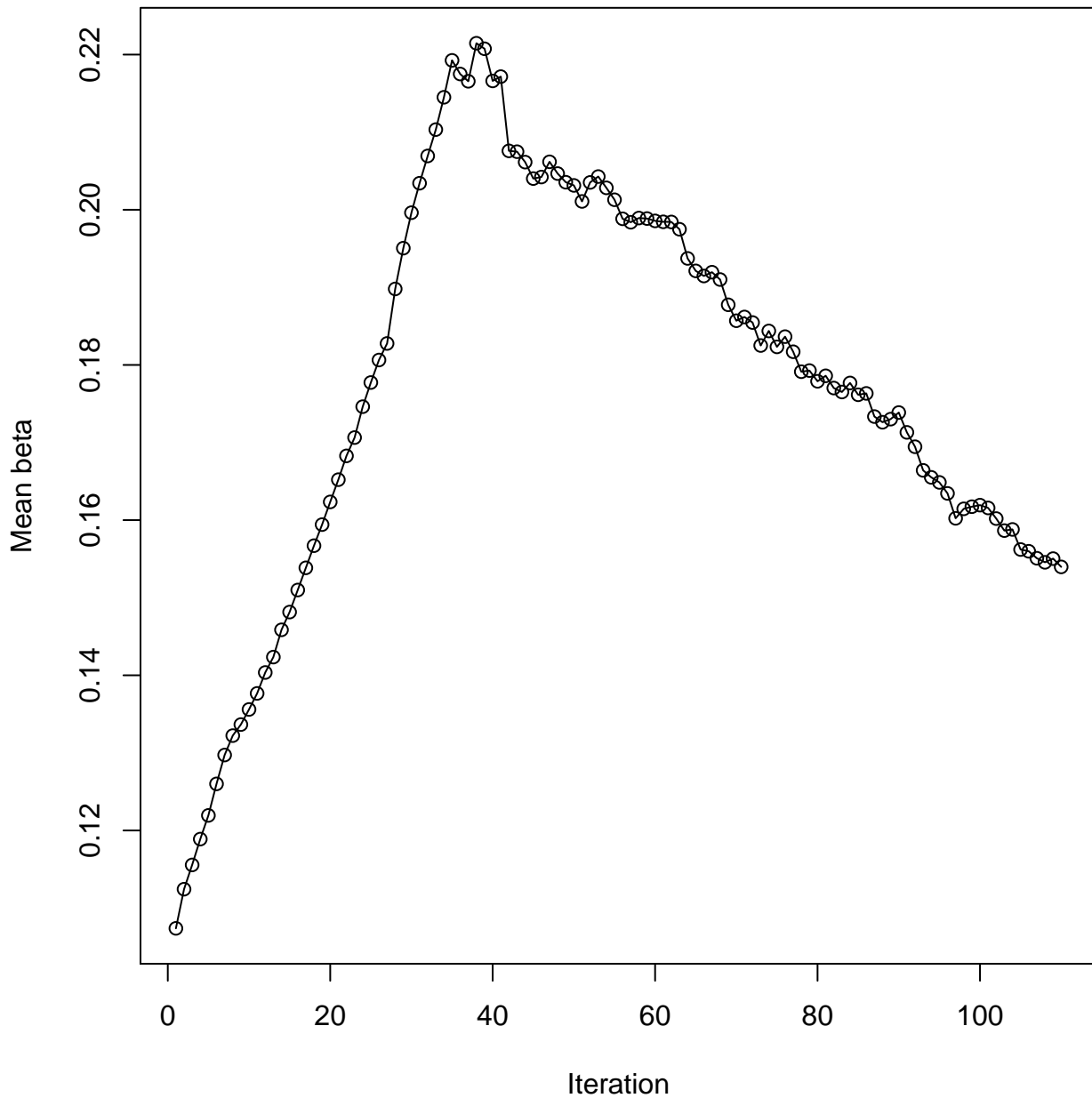
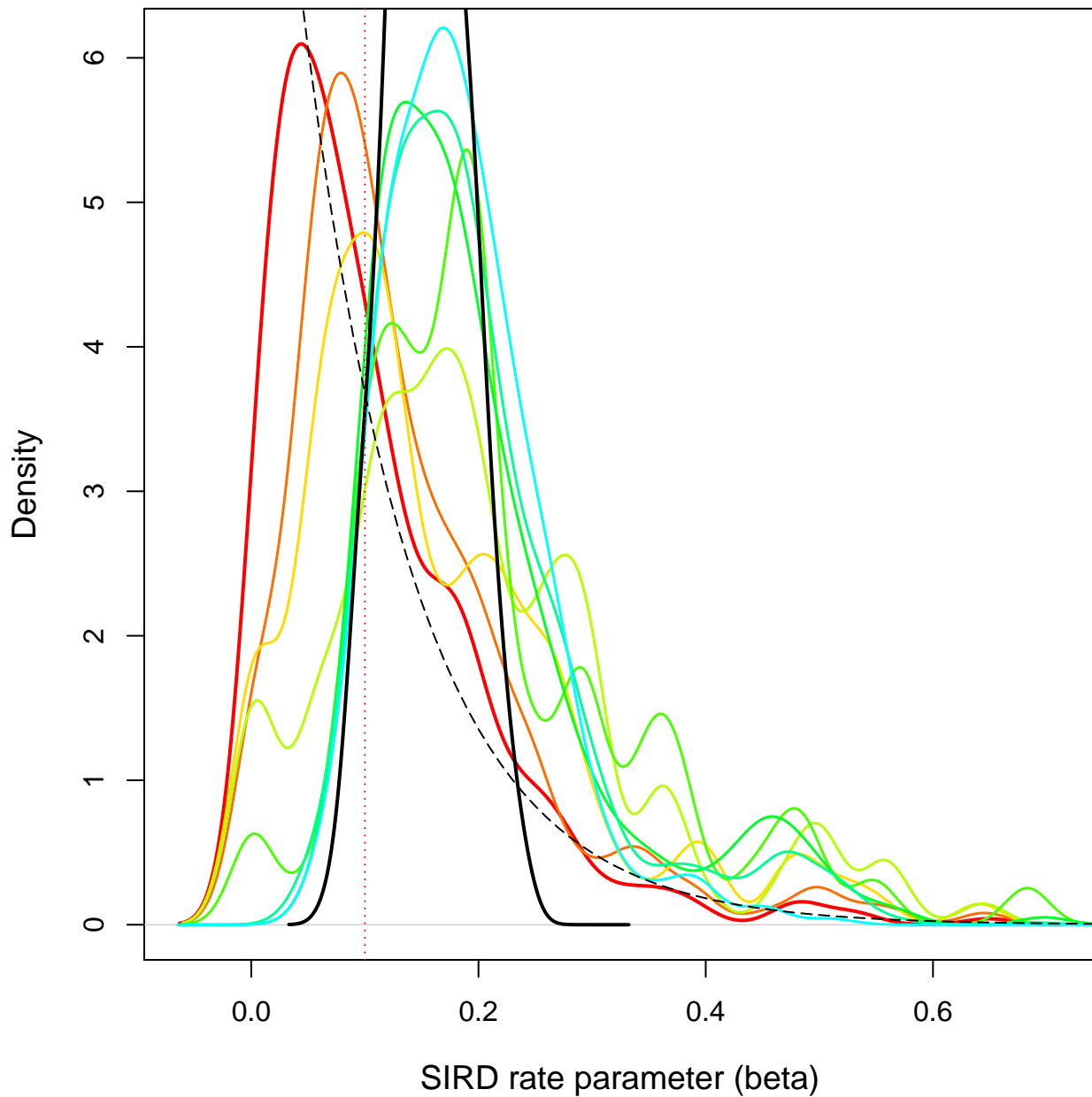


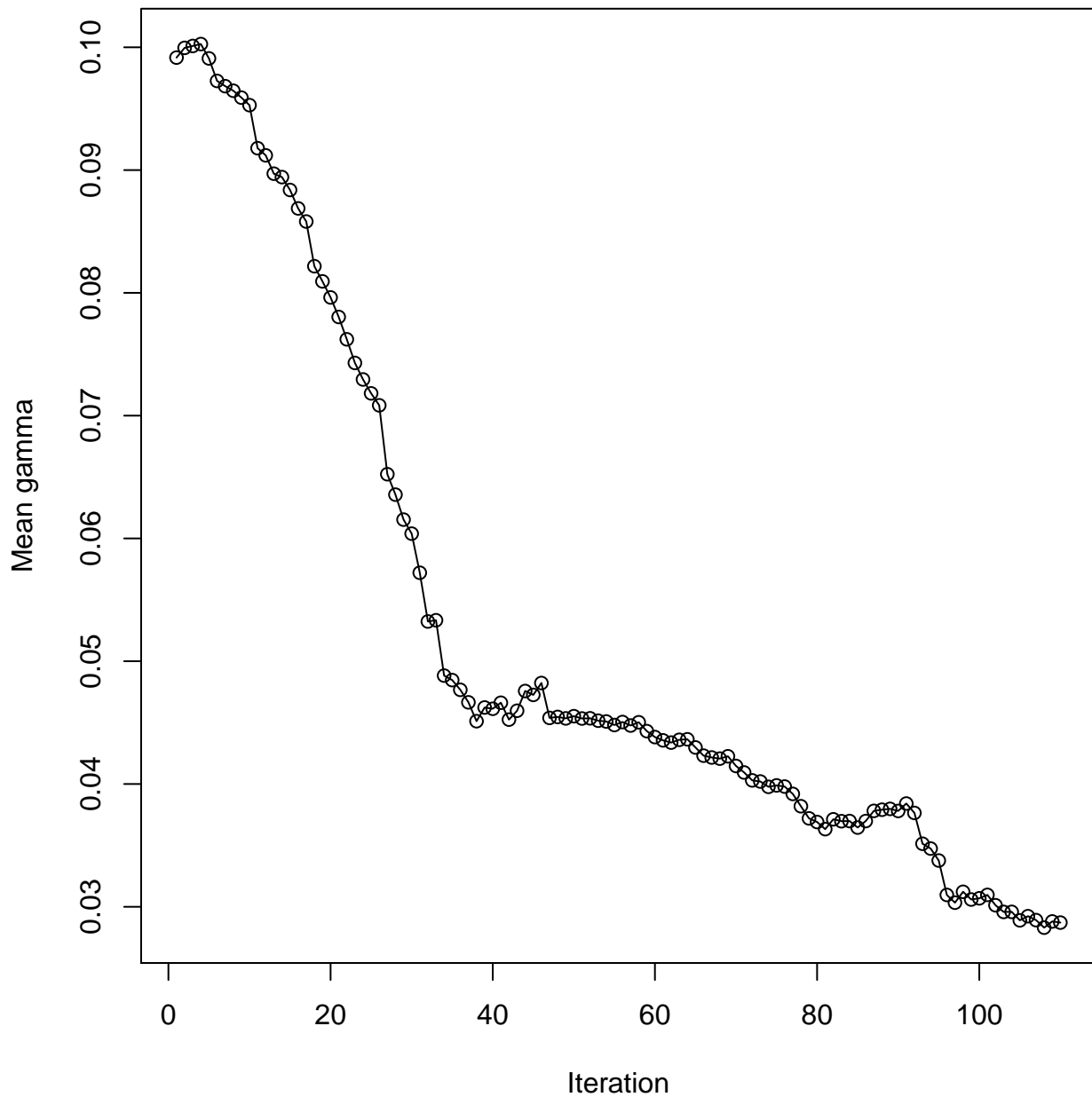
**Trajectory of Mean Beta (SIRD Model, 500 particles)**



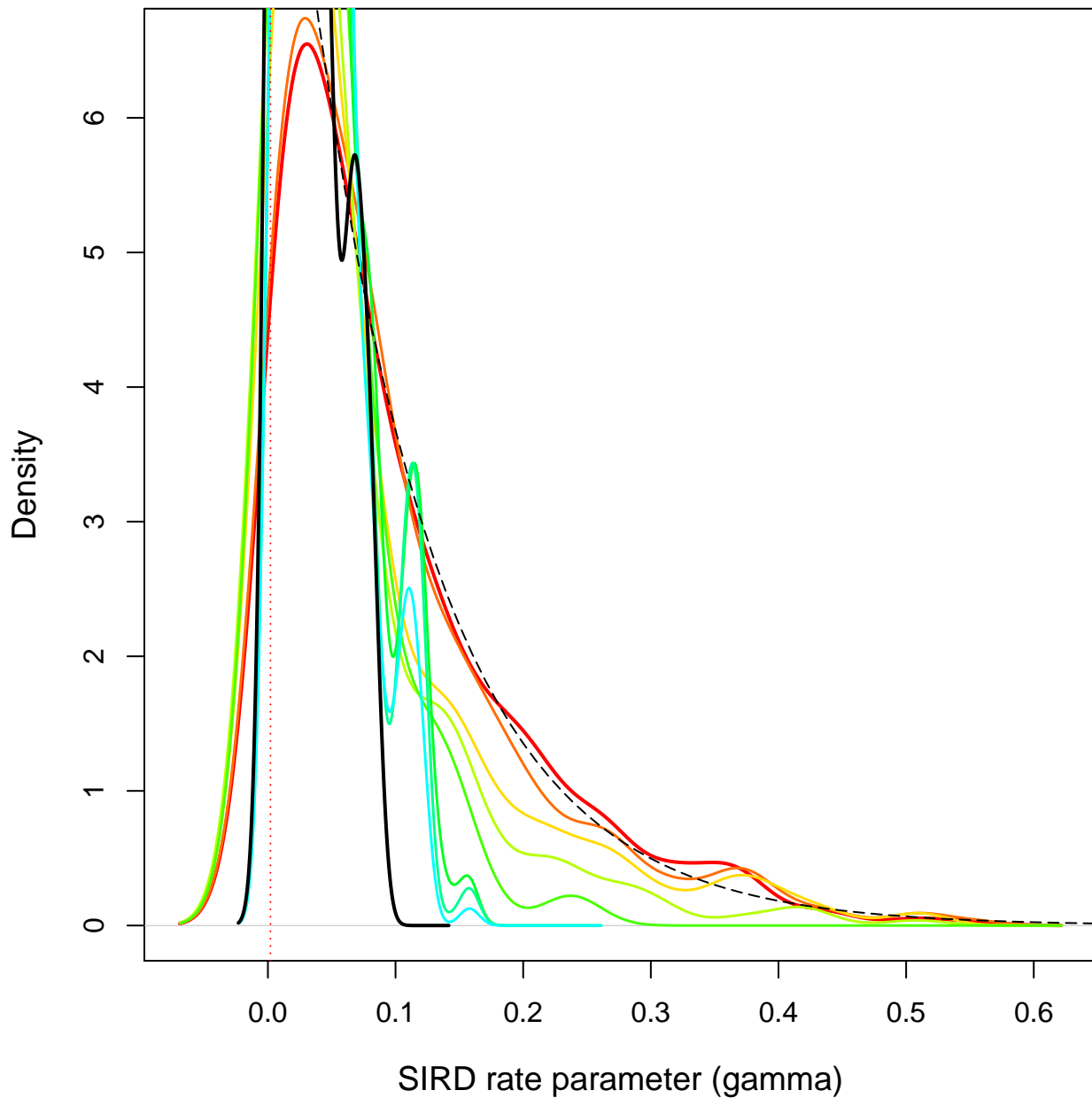
**SIRD (gamma: shape=1, rate=10)**



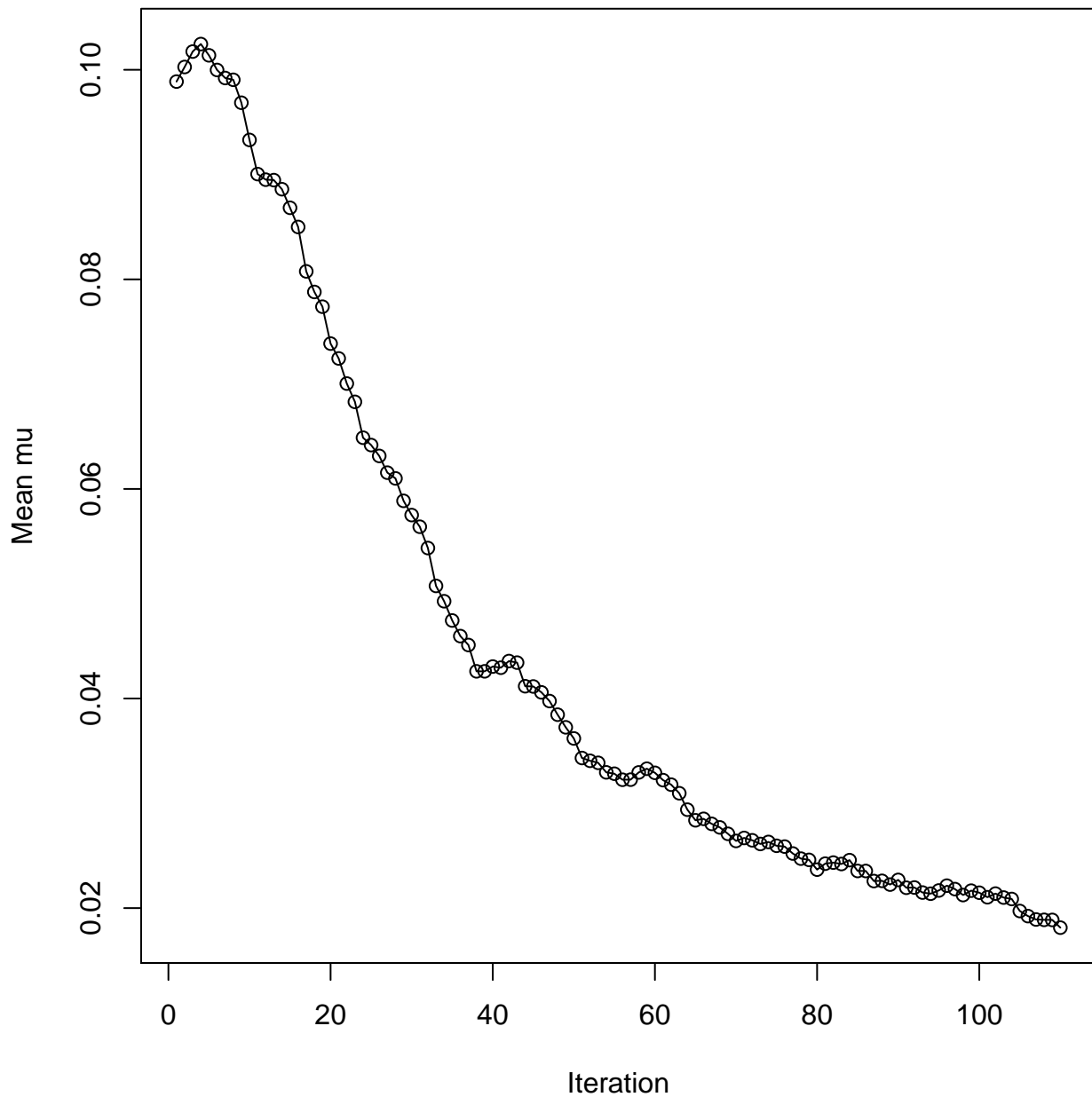
**Trajectory of Mean Gamma (SIRD Model, 500 particles)**



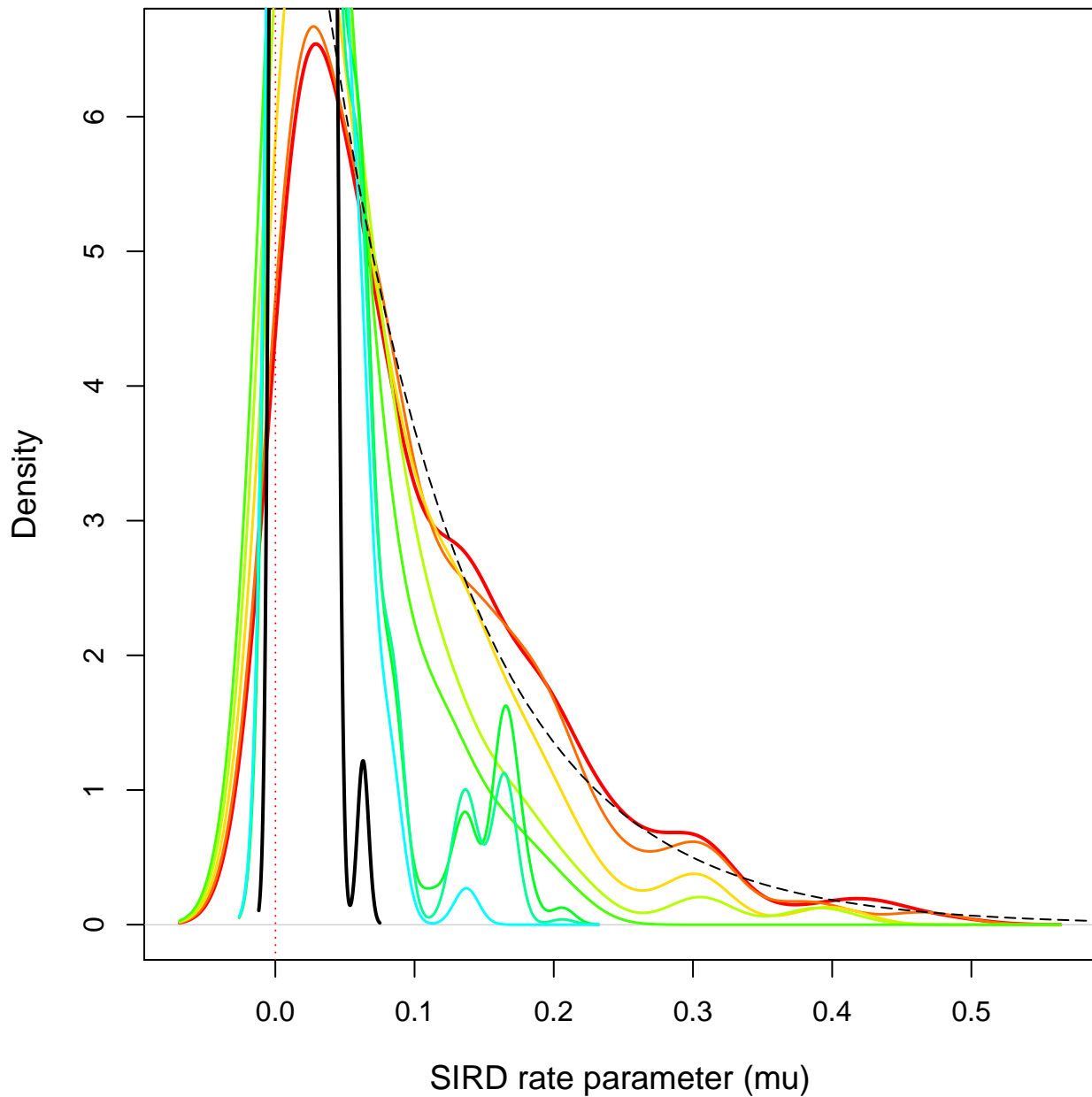
**SIRD (gamma: shape=1, rate=10)**



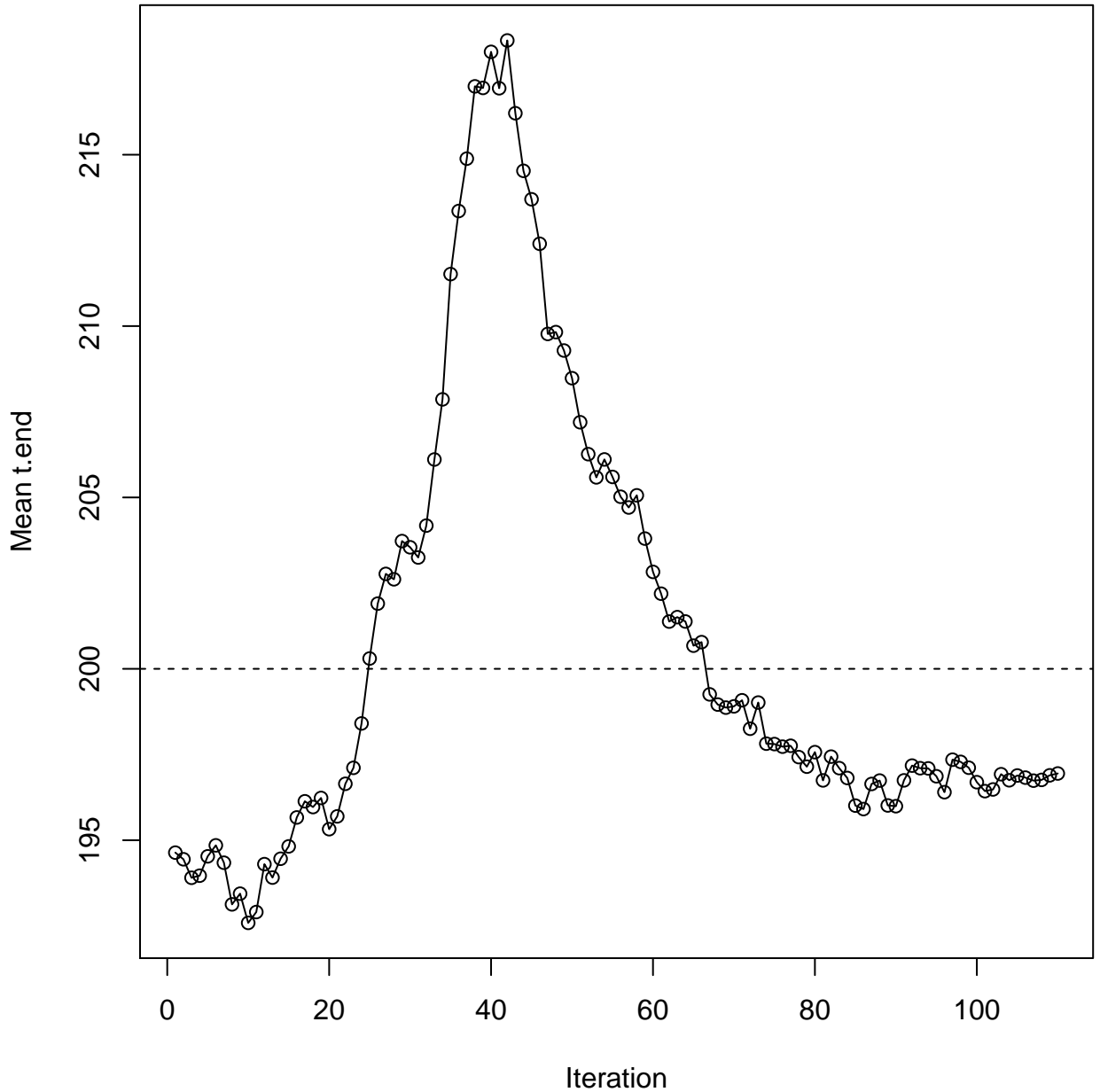
**Trajectory of Mean  $\mu$  (SIRD Model, 500 particles)**



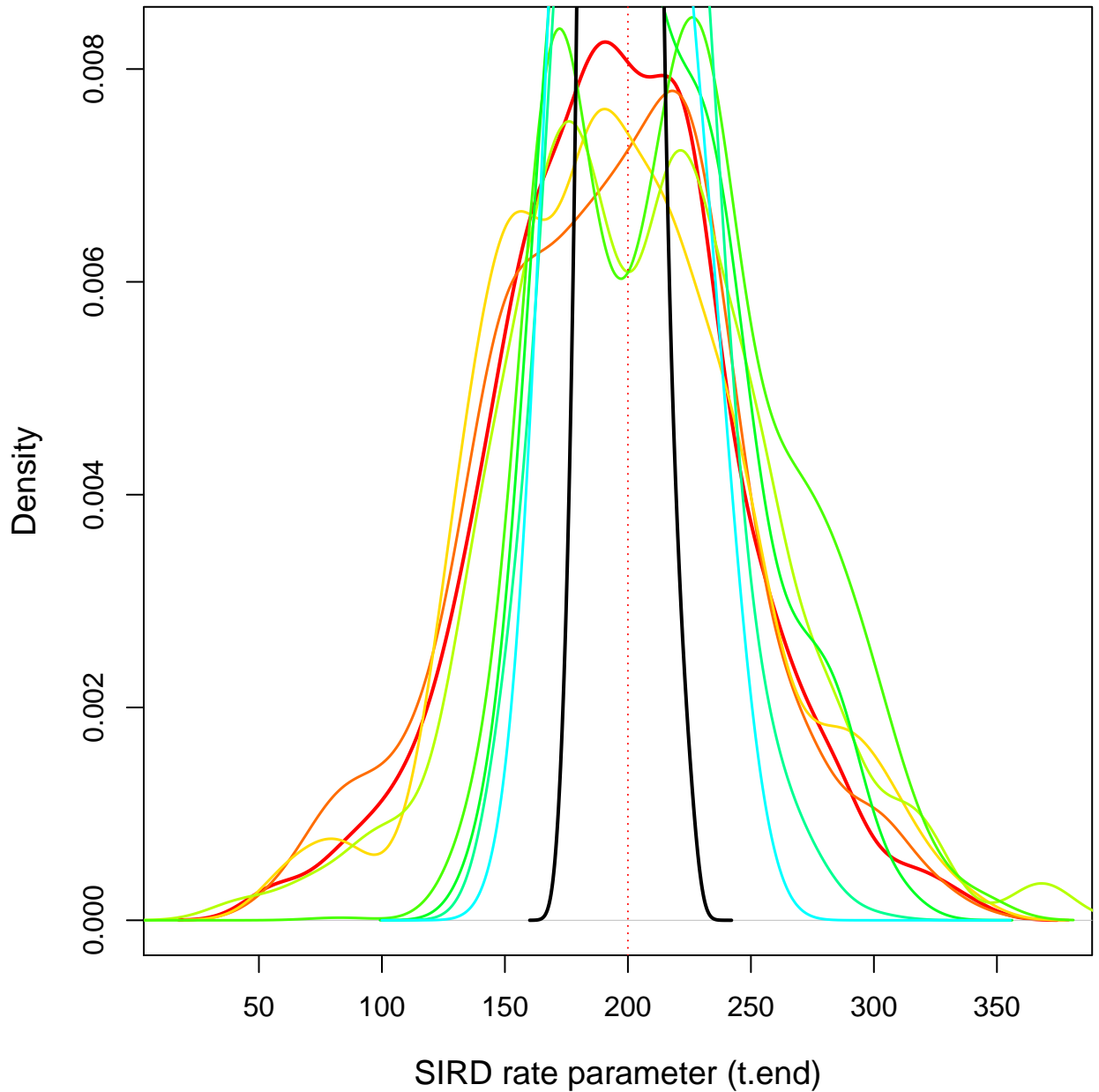
**SIRD (gamma: shape=1, rate=10)**



**Trajectory of Mean t.end (SIRD Model, 500 particles)**

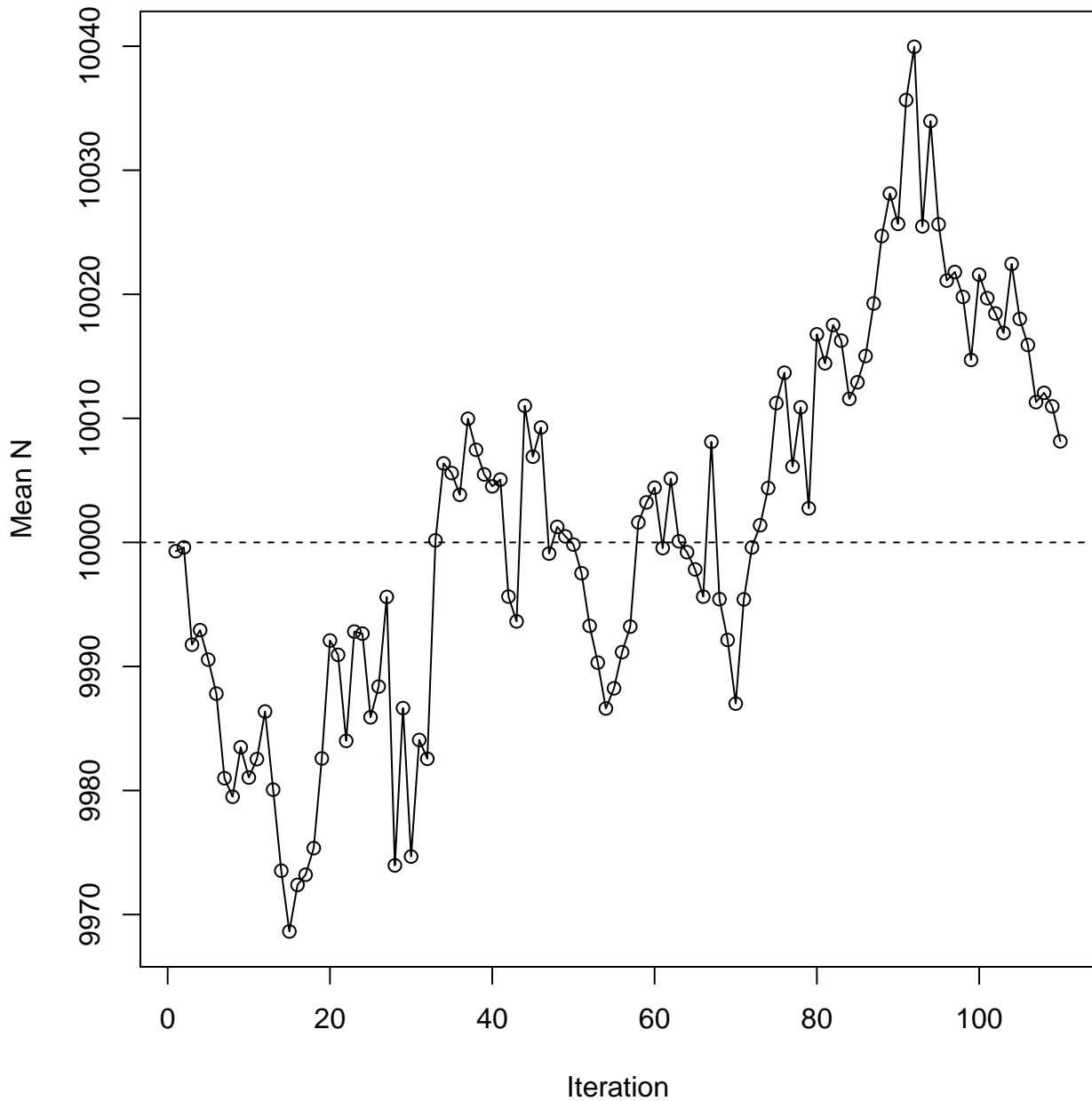


**SIRD (normal: mean=200, sd=50)**





**Trajectory of Mean N (SIRD Model, 500 particles)**



**SIRD (norm: mean=10000, sd=200)**

