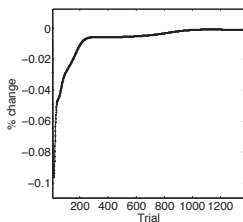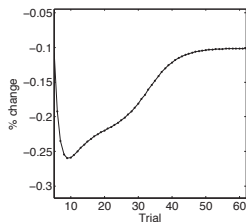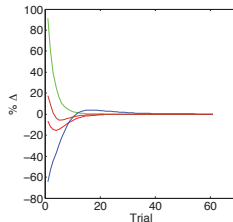# Convergence and minimum observation size

Log likelihood % change

π % change

- ▶ Produces reasonable results few as 1,000 observations
- ▶ Confidence intervals narrow with more data
- ▶ Insensitive to initialization of π
- ▶ Large weights identified after 10 iterations
- ▶ $\ell(\pi)$ stops changing appreciably after 60 (m=4) or 600 (m=25) iterations
- ▶ Always converges