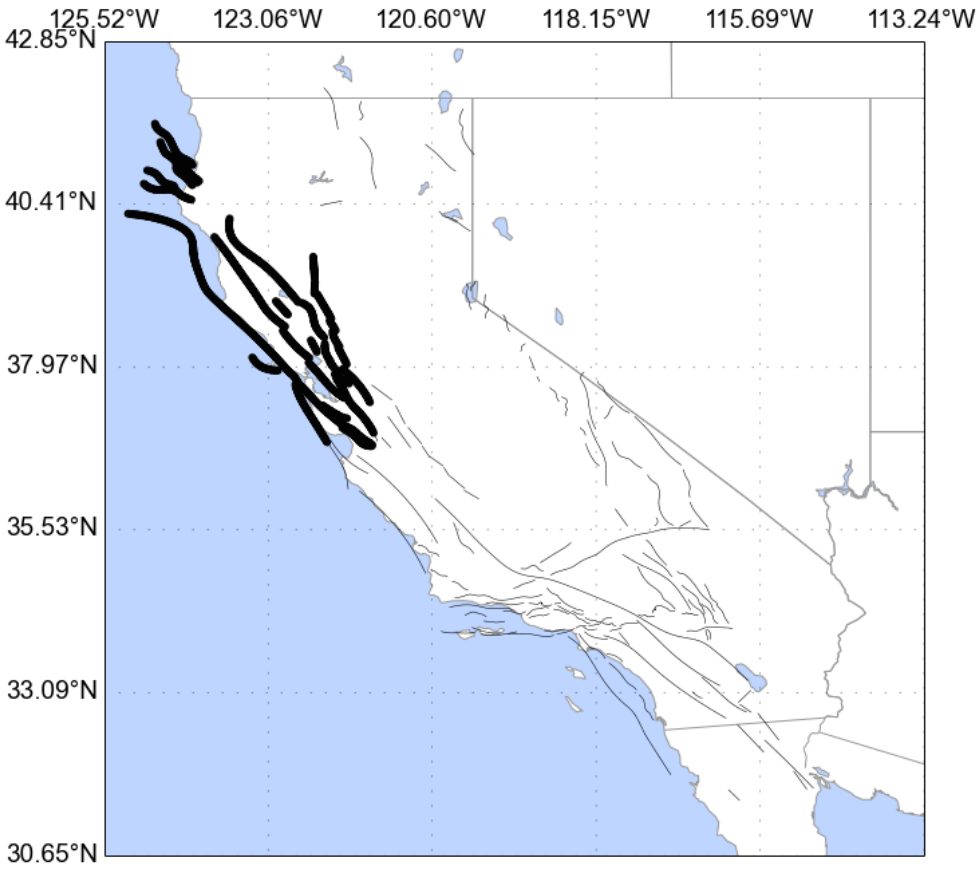
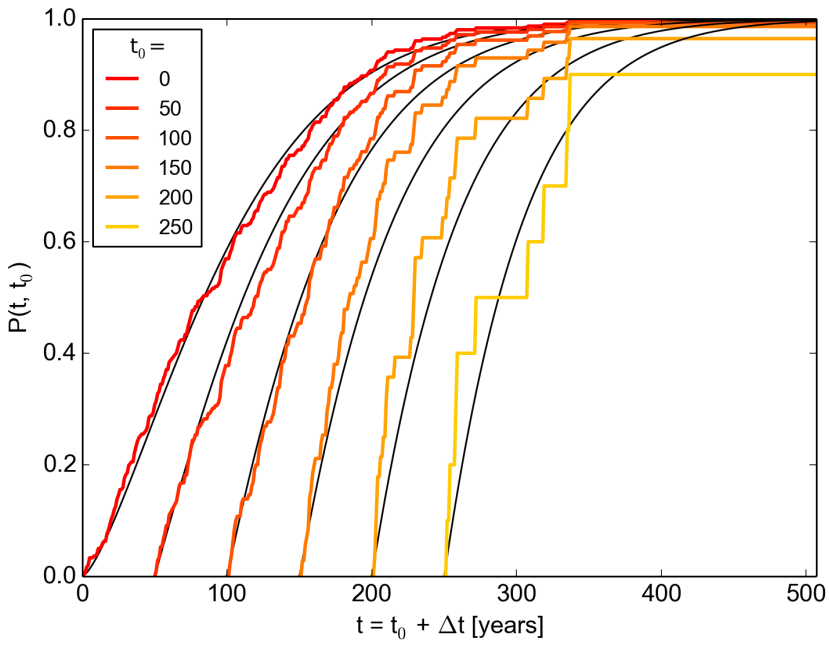
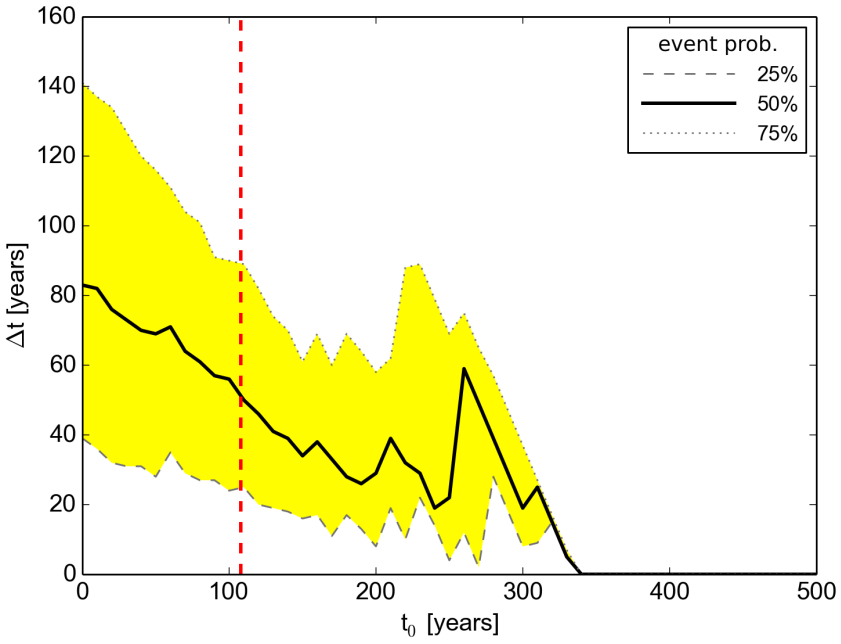
Northern California Earthquake Forecast, M ≥ 7.5







- 108 years since 1906 San Francisco, M 7.9, the last great northern California earthquake
- 30000 years simulated time
- 303 earthquakes, M ≥ 7.5
- Average recurrence 98.6 years
- Weibull: β=1.4, τ=109 years

- **50% prob. of M ≥ 7.5 in next 51 years**
- **75% prob. of M ≥ 7.5 in next 90 years**