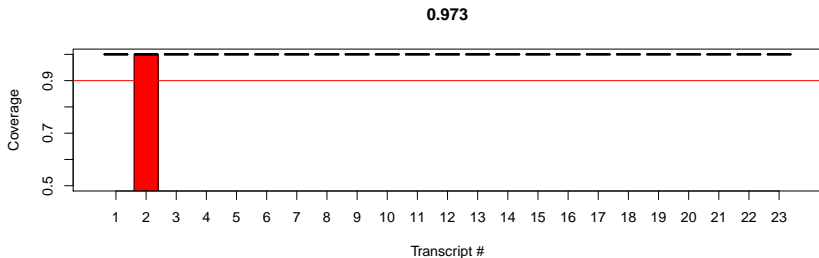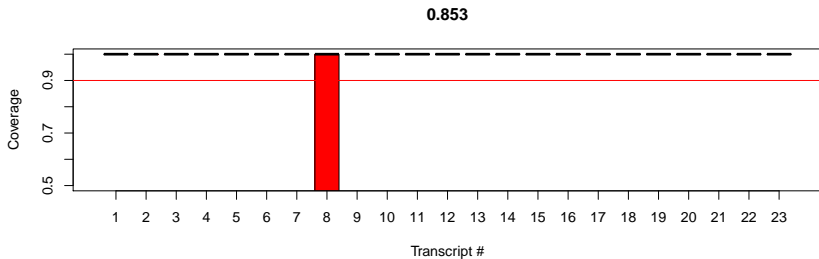# 02-02-18
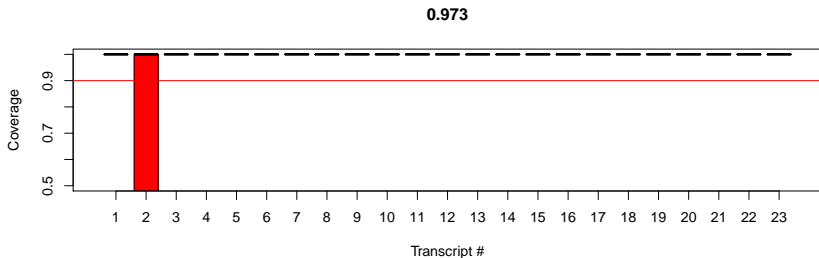
Jack Fu

2/02/2018

- 100 simulated data sets
- Each dataset is 10 samples
- Bootstrap betas to estimate sigma
- Use sigma to construst CI
- Look for coverage of intervals of TX1-23

- 100 simulated data sets
- Each dataset is 20 samples
- Bootstrap betas to estimate sigma
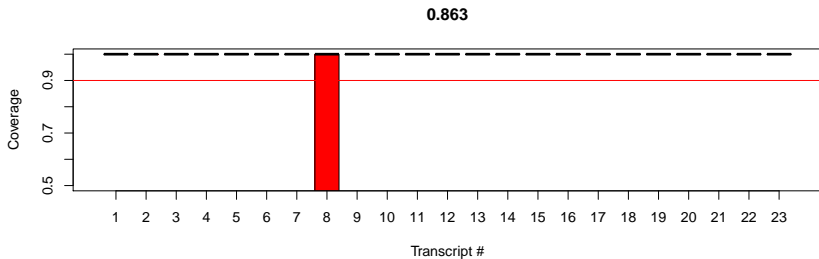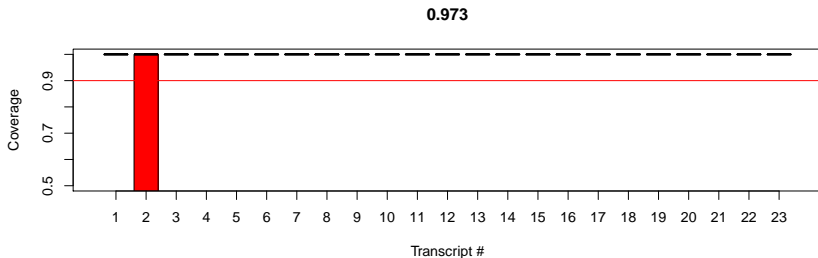- Use sigma to construst CI
- Look for coverage of intervals of TX1-23

- 100 simulated data sets
- Each dataset is 50 samples
- Bootstrap betas to estimate sigma
- Use sigma to construst CI
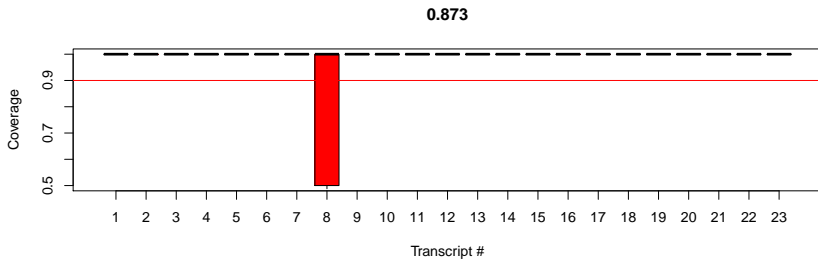- Look for coverage of intervals of TX1-23

0.873

0.973

- 100 simulated data sets
- Each dataset is 10 samples
- Bootstrap betas to estimate sigma
- Use sigma to construst CI
- Look for coverage of intervals of TX1-23

0.799

0.963

- 100 simulated data sets
- Each dataset is 20 samples
- Bootstrap betas to estimate sigma
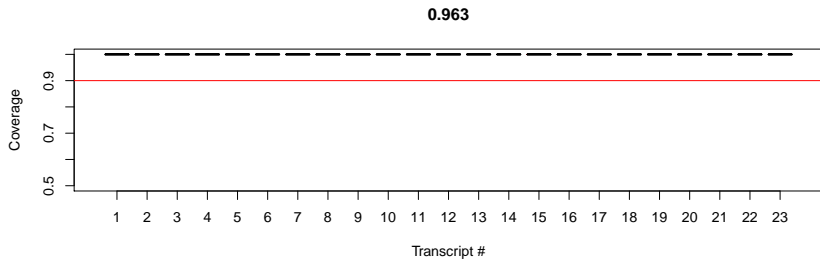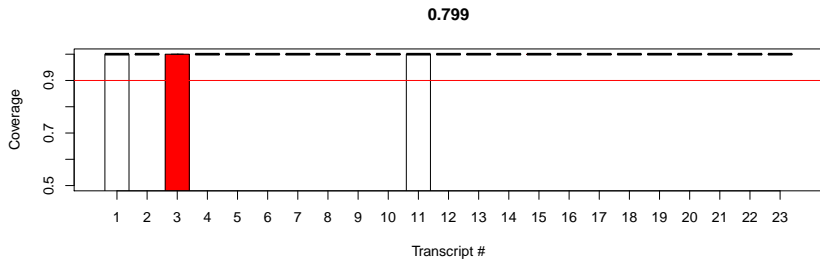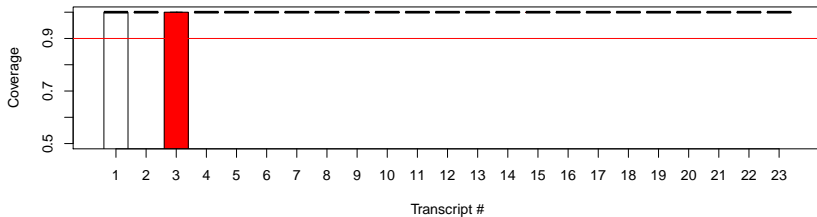- Use sigma to construst CI
- Look for coverage of intervals of TX1-23

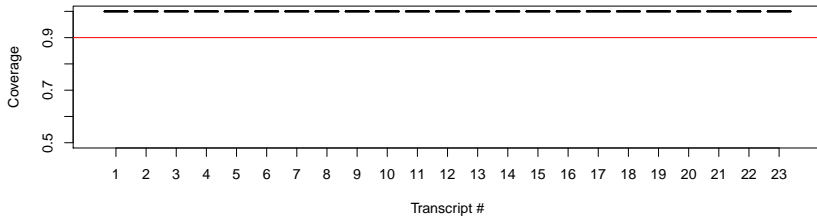- 100 simulated data sets
- Each dataset is 50 samples
- Bootstrap betas to estimate sigma
- Use sigma to construst CI
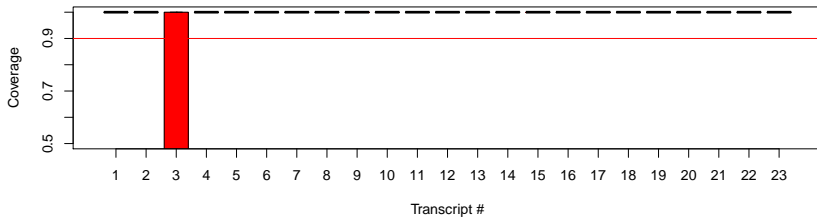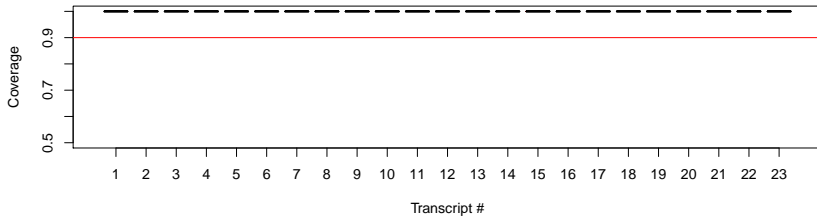- Look for coverage of intervals of TX1-23

0.837

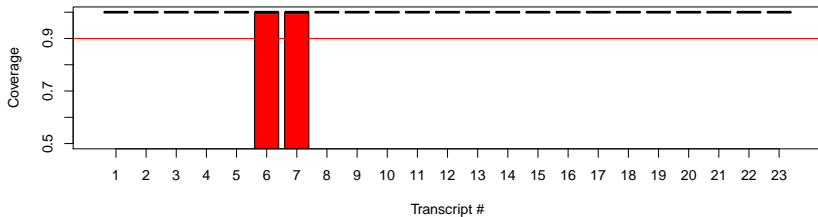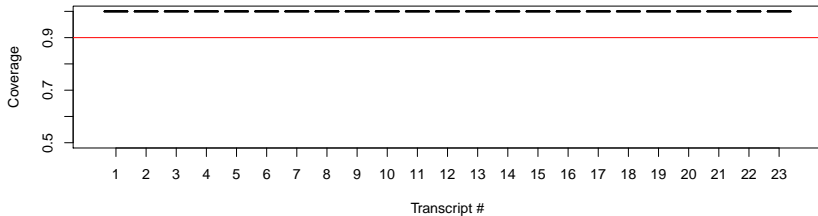**0.963**

- 100 simulated data sets
- Each dataset is 10 samples
- Bootstrap betas to estimate sigma
- Use sigma to construst CI
- Look for coverage of intervals of TX1-23
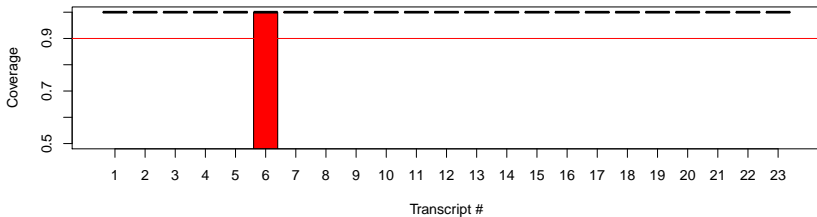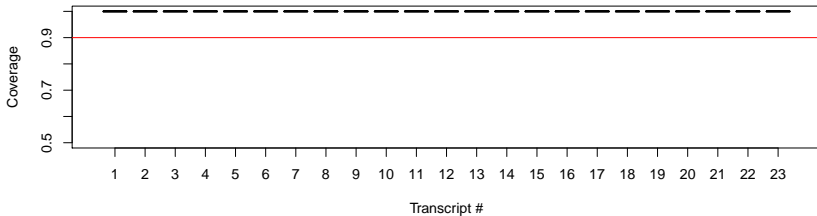
- 100 simulated data sets
- Each dataset is 20 samples
- Bootstrap betas to estimate sigma
- Use sigma to construst CI
- Look for coverage of intervals of TX1-23
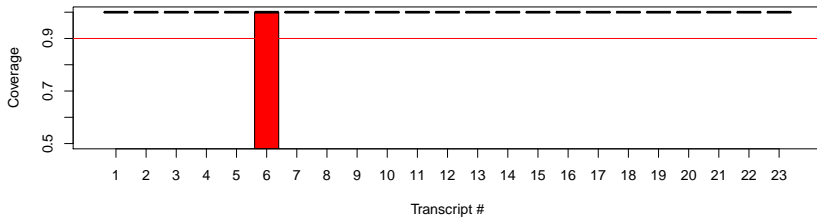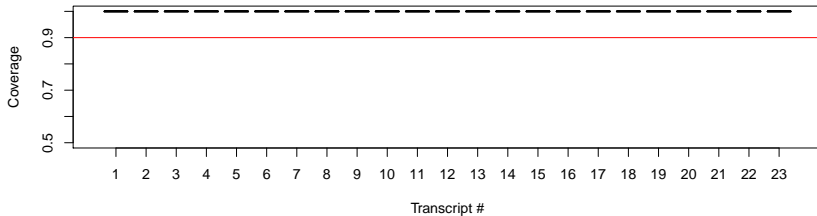
- 100 simulated data sets
- Each dataset is 50 samples
- Bootstrap betas to estimate sigma
- Use sigma to construst CI
- Look for coverage of intervals of TX1-23

- 100 simulated data sets
- Each dataset is 10 samples
- Bootstrap betas to estimate sigma
- Use sigma to construst CI
- Look for coverage of intervals of TX1-23

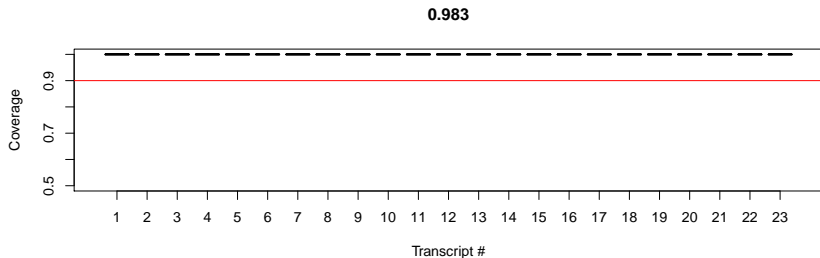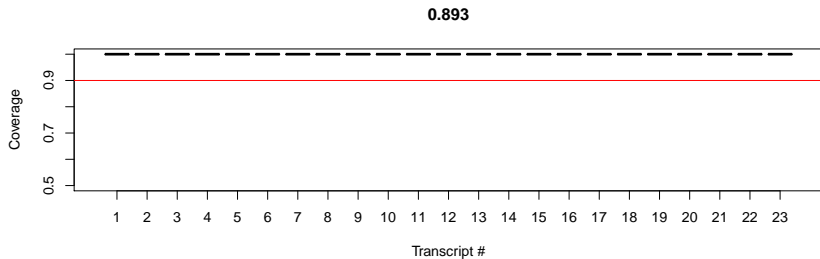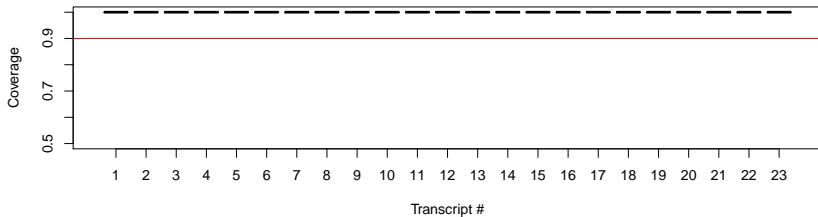- 100 simulated data sets
- Each dataset is 20 samples
- Bootstrap betas to estimate sigma
- Use sigma to construst CI
- Look for coverage of intervals of TX1-23

0.91

0.983

- 100 simulated data sets
- Each dataset is 50 samples
- Bootstrap betas to estimate sigma
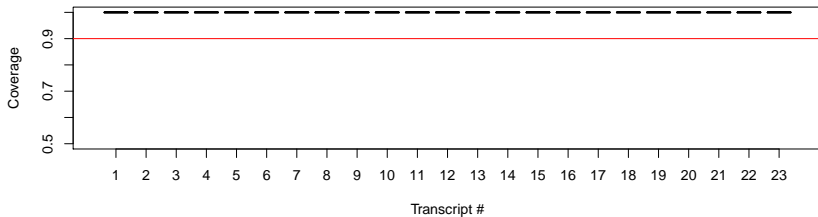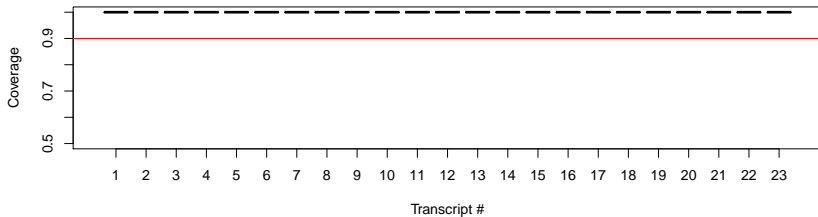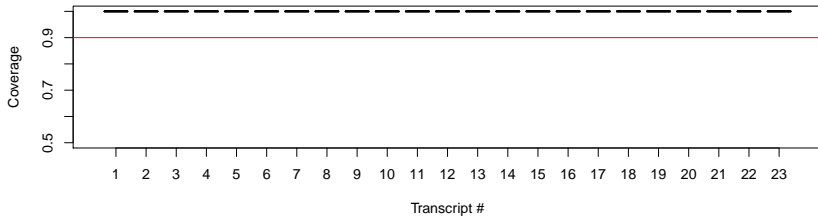- Use sigma to construst CI
- Look for coverage of intervals of TX1-23

0.92

0.983

- 100 simulated data sets
- Each dataset is 10 samples
- Bootstrap betas to estimate sigma
- Use sigma to construct CI
- Look for coverage of intervals of TX1-23

0.845

0.967

- 100 simulated data sets
- Each dataset is 20 samples
- Bootstrap betas to estimate sigma
- Use sigma to construst CI
- Look for coverage of intervals of TX1-23

- 100 simulated data sets
- Each dataset is 50 samples
- Bootstrap betas to estimate sigma
- Use sigma to construst CI
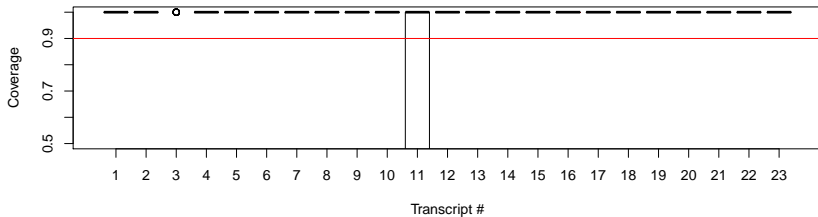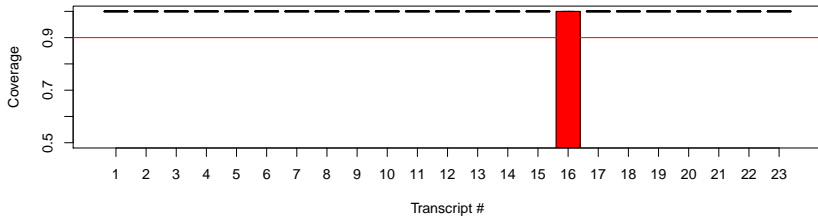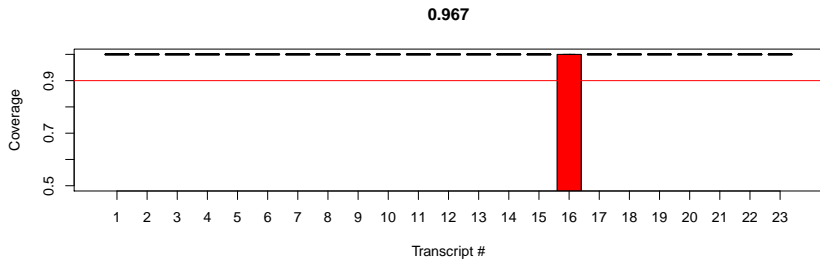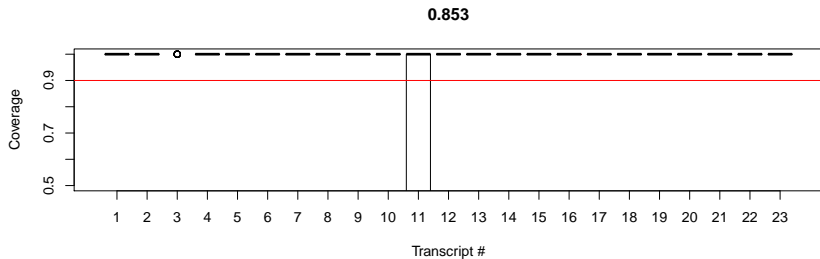- Look for coverage of intervals of TX1-23