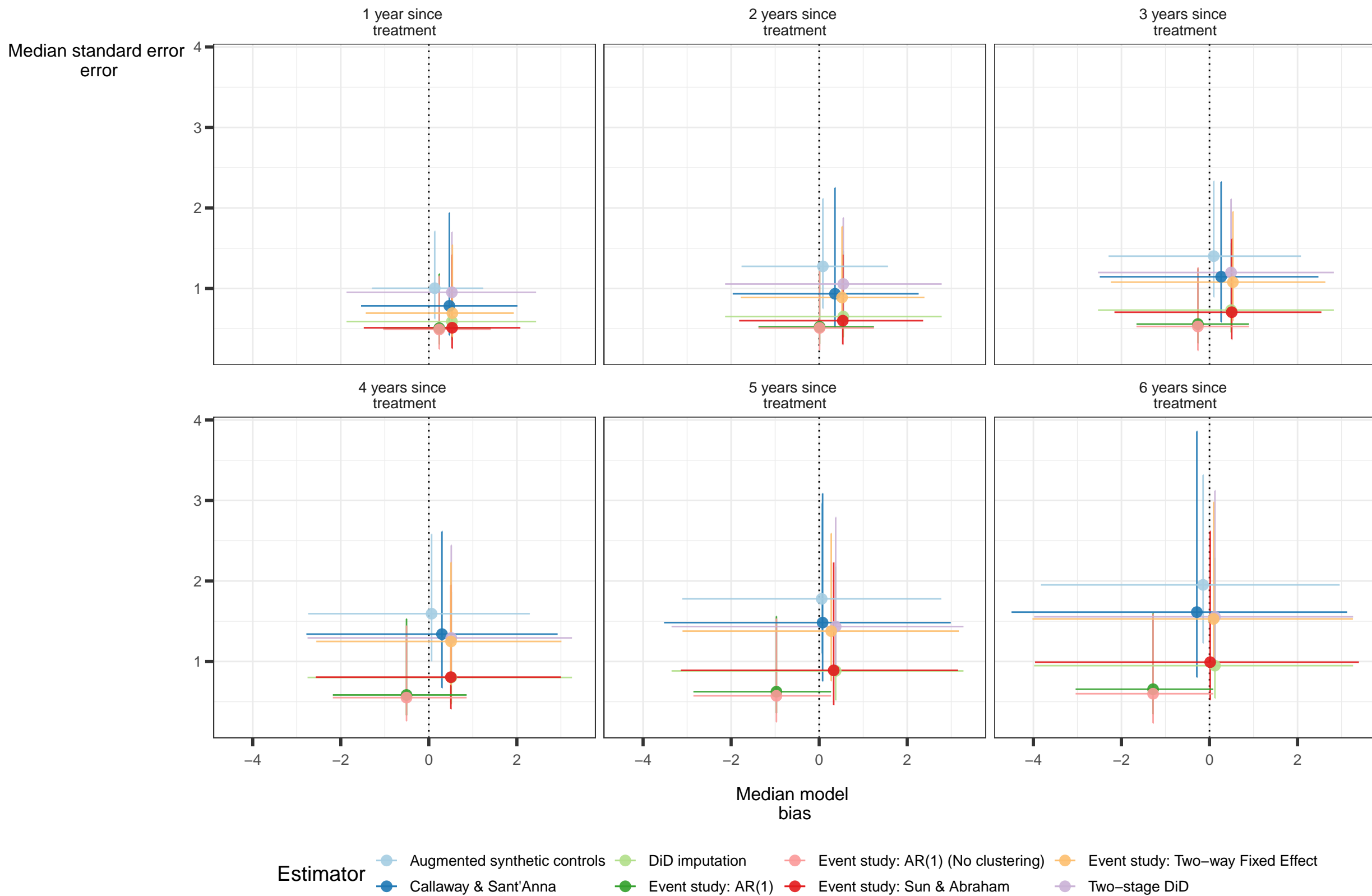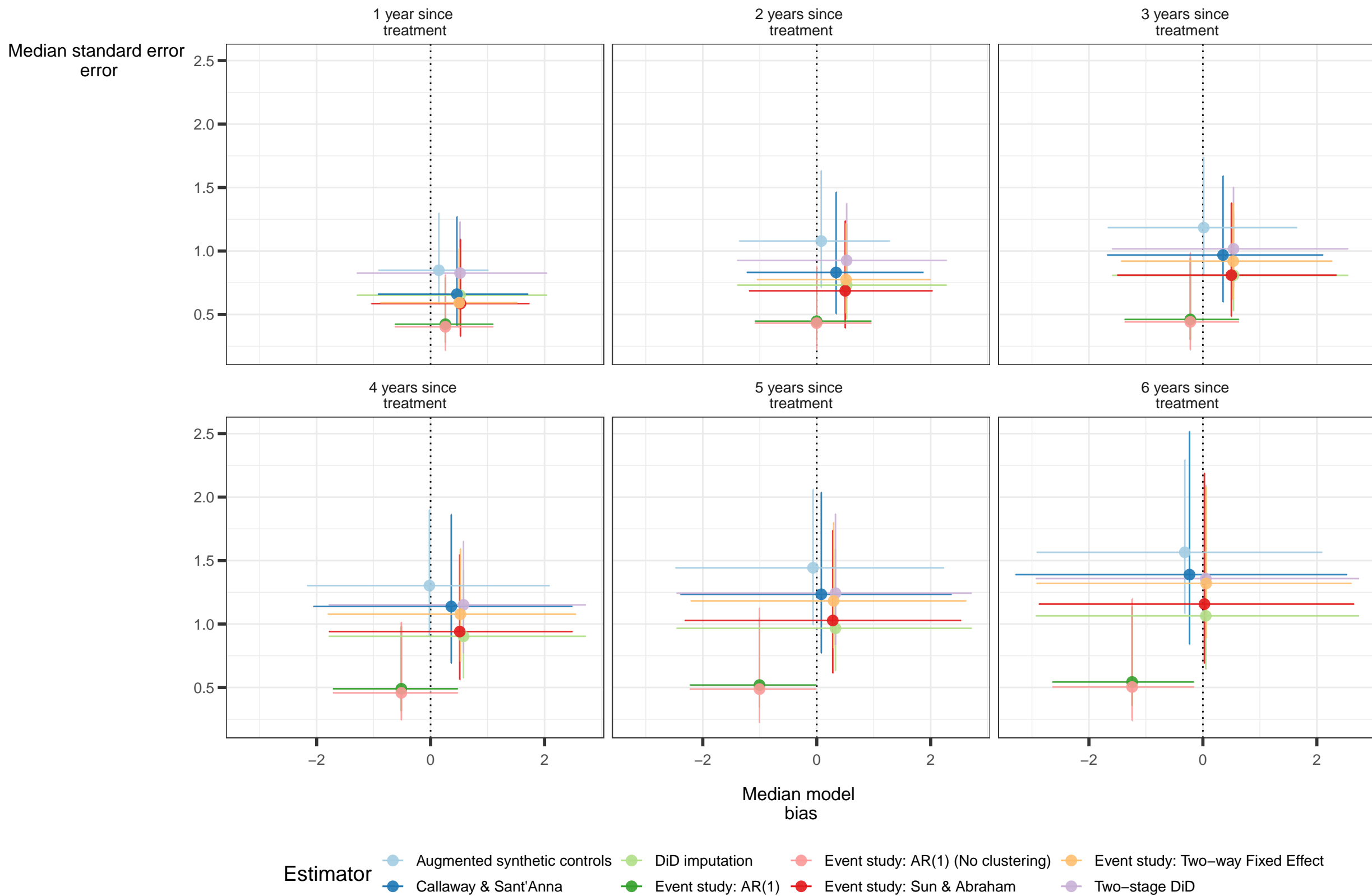# Model bias v. model se:
15 treated units and linear increasing effects

Model bias v. model se:
25 treated units and linear increasing effects

Median standard error error

Median model bias

Estimator
- Augmented synthetic controls
- Callaway & Sant'Anna
- DiD imputation
- Event study: AR(1)
- Event study: AR(1) (No clustering)
- Event study: Sun & Abraham
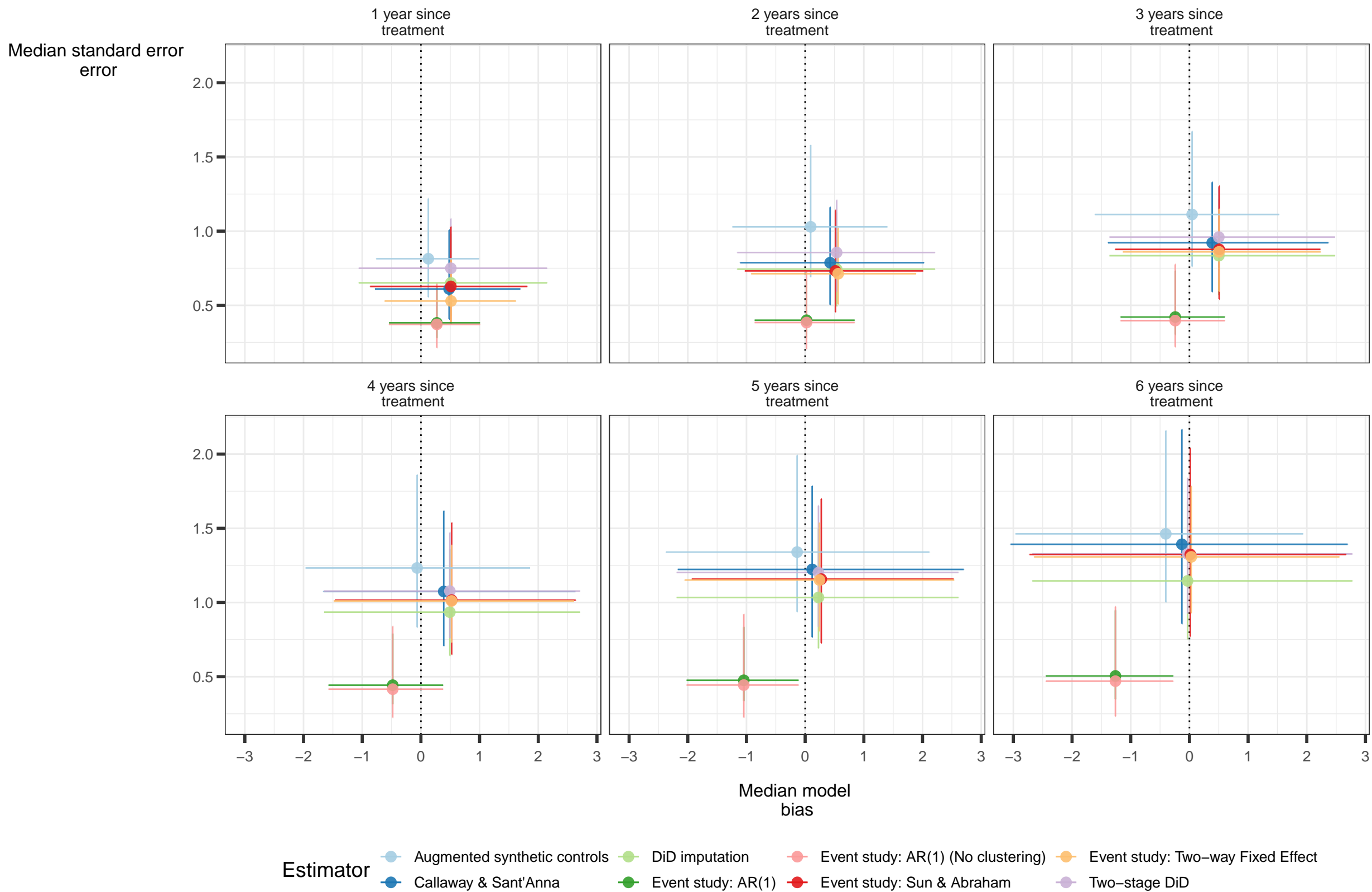- Event study: Two-way Fixed Effect
- Two-stage DiD

Model bias v. model se:
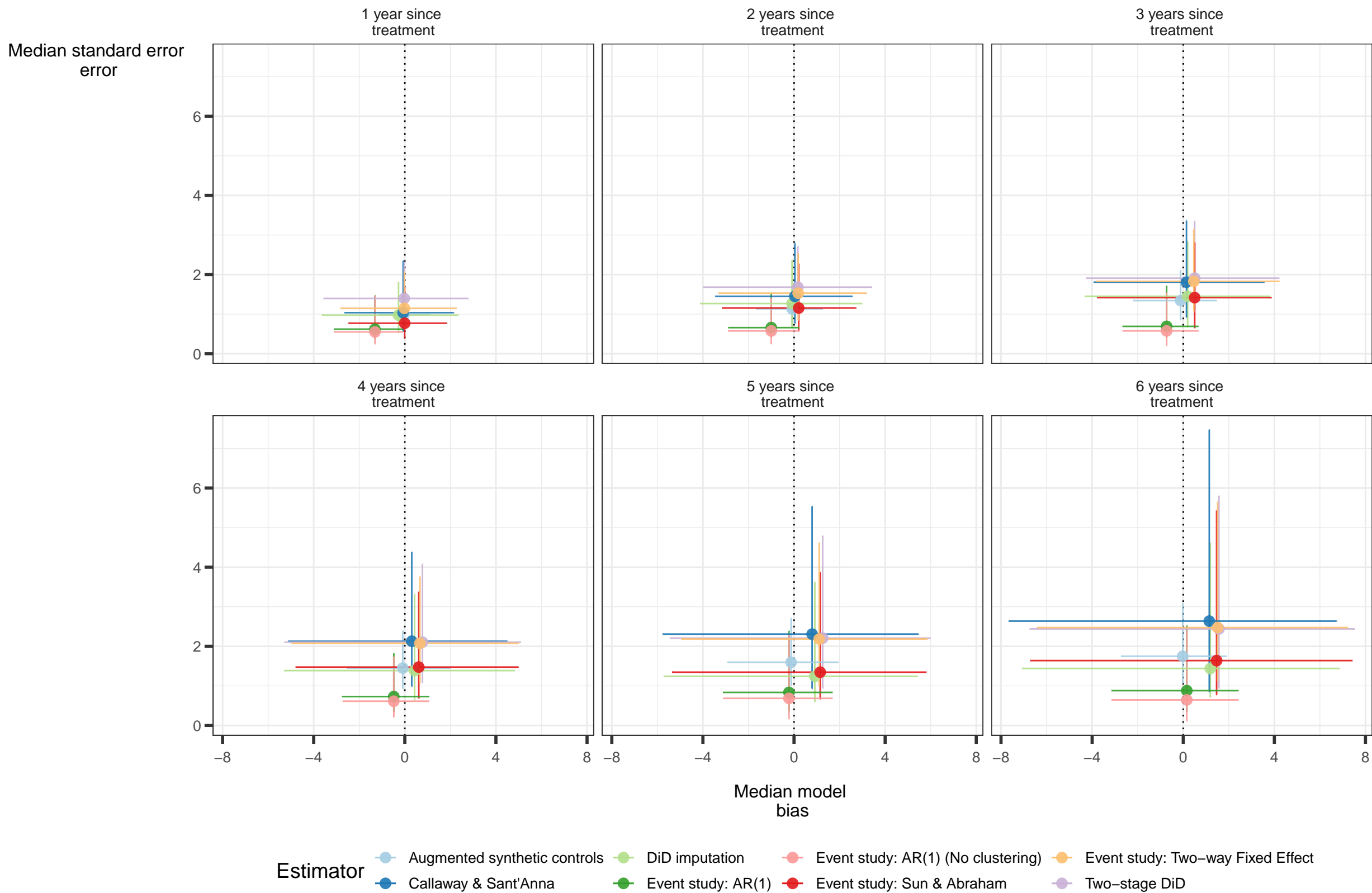35 treated units and linear increasing effects

Model bias v. model se:
15 treated units and linear decreasing effects

Median standard error error

Median model bias

Estimator

- Augmented synthetic controls
- Callaway & Sant'Anna
- DiD imputation
- Event study: AR(1)
- Event study: AR(1) (No clustering)
- Event study: Sun & Abraham
- Event study: Two-way Fixed Effect
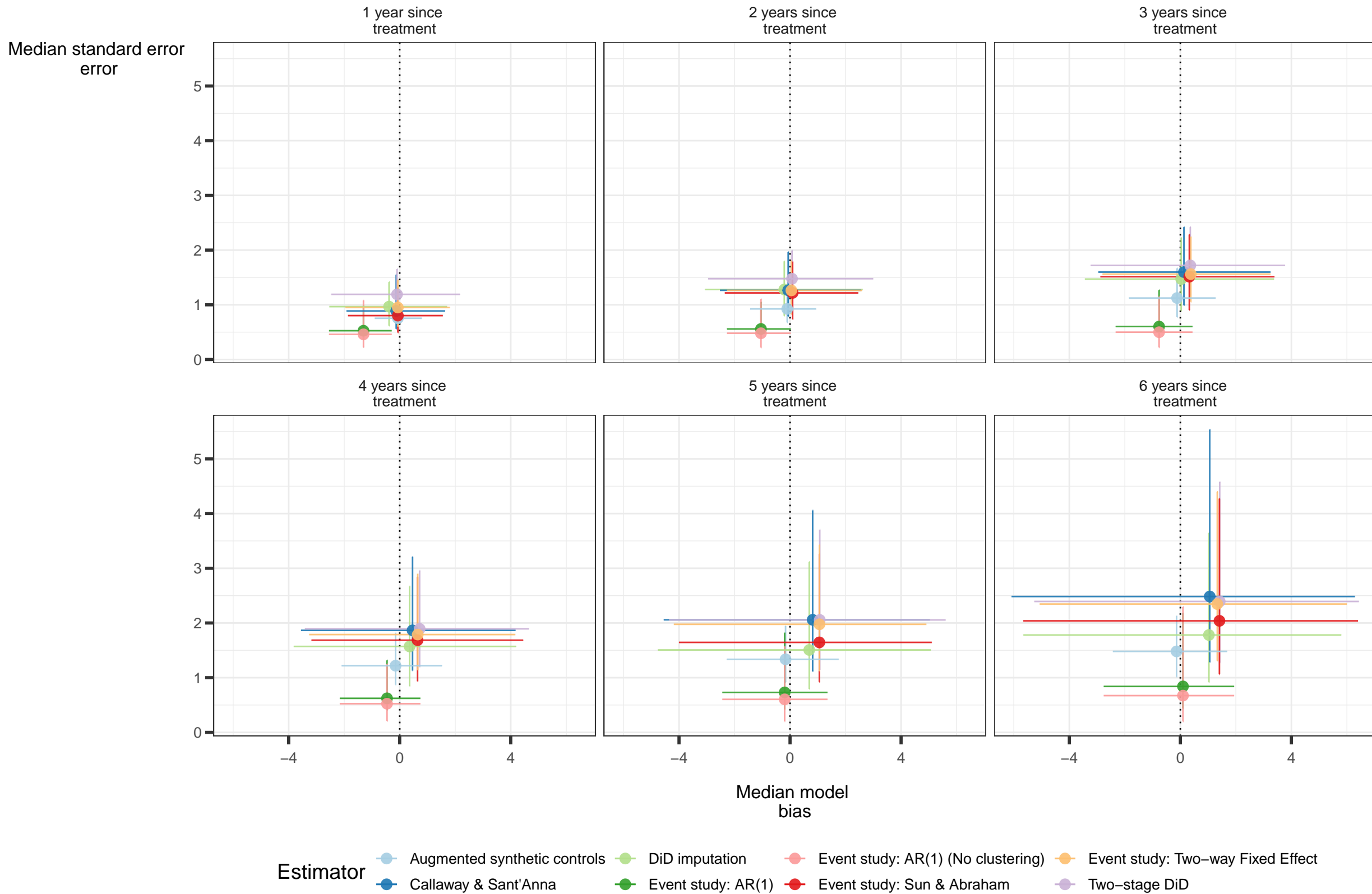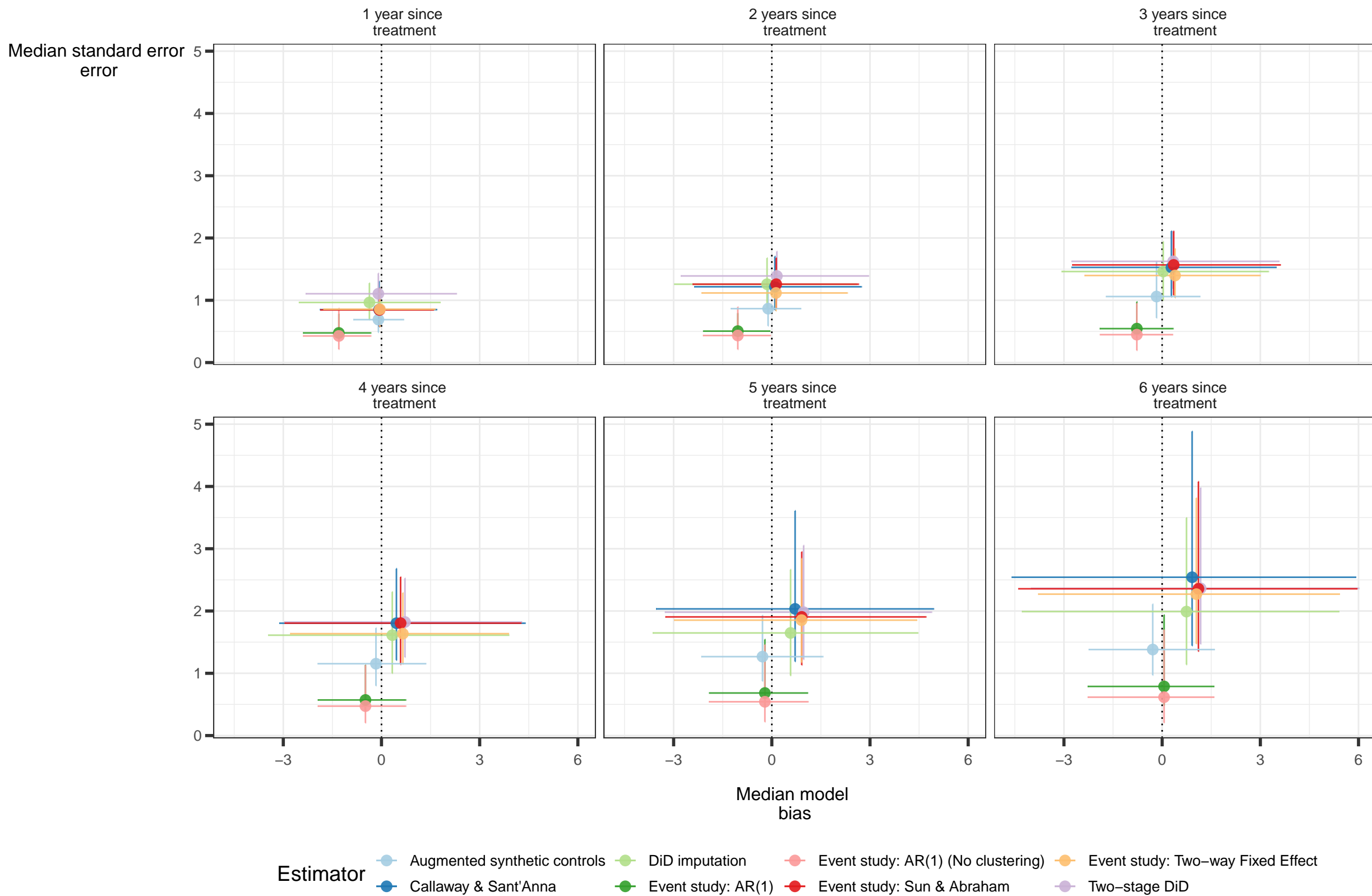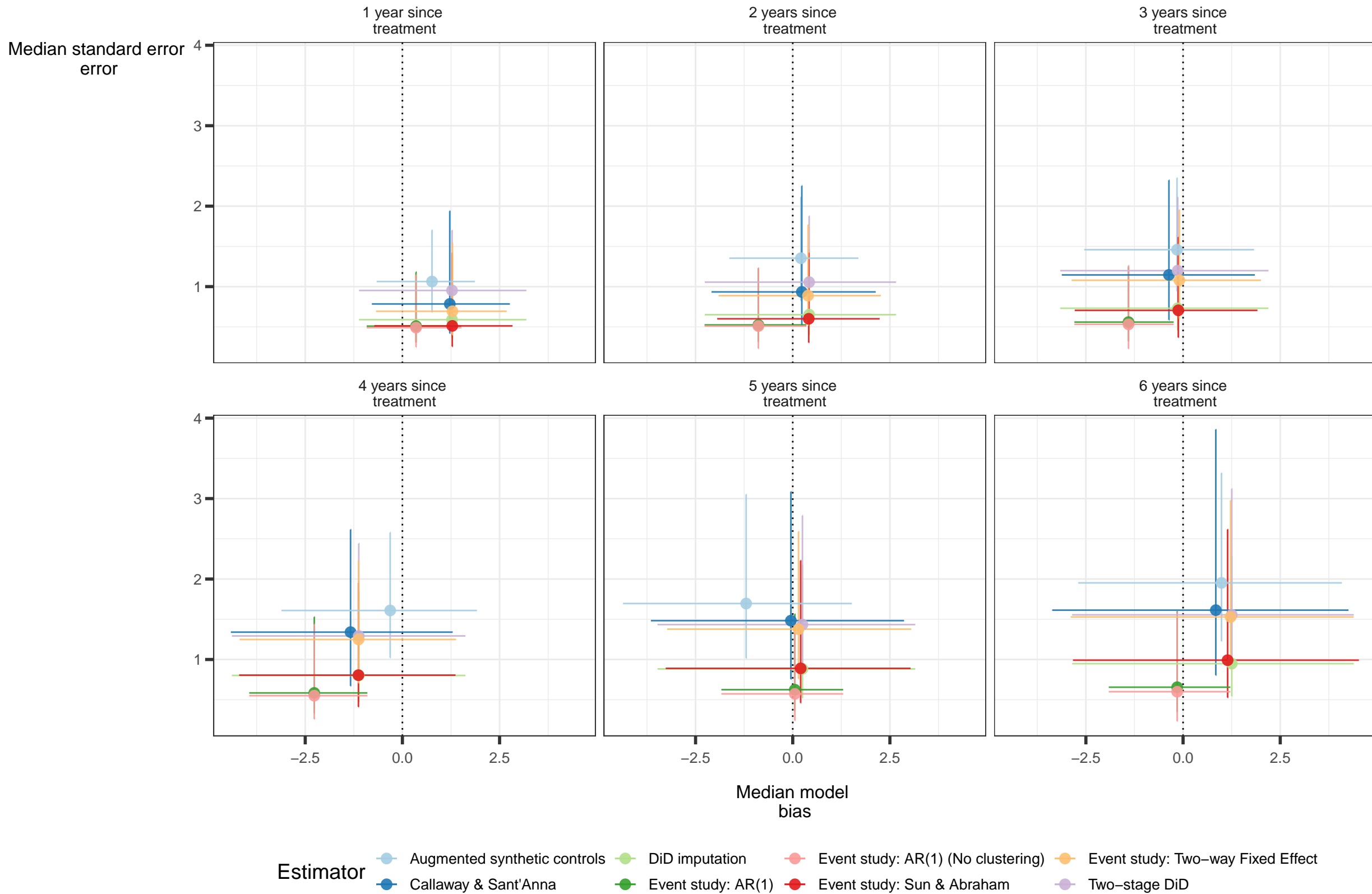- Two-stage DiD

Model bias v. model se:
25 treated units and linear decreasing effects

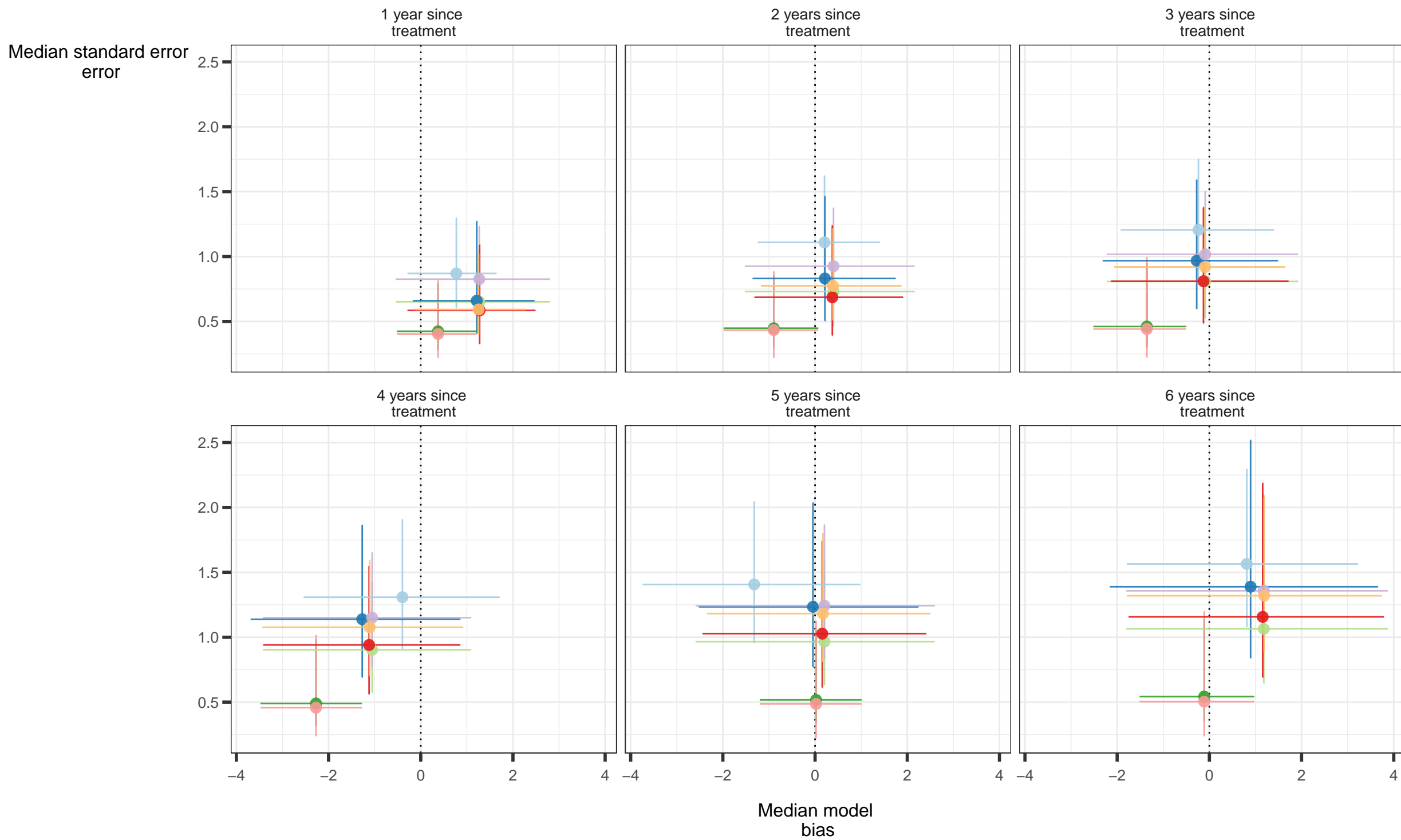Model bias v. model se:
35 treated units and linear decreasing effects

Model bias v. model se:
15 treated units and instant plateau effects

Median standard error error

1 year since treatment

2 years since treatment

3 years since treatment

4 years since treatment

5 years since treatment

6 years since treatment

Median model bias

Estimator
- Augmented synthetic controls
- Callaway & Sant'Anna
- DiD imputation
- Event study: AR(1)
- Event study: AR(1) (No clustering)
- Event study: Sun & Abraham
- Event study: Two-way Fixed Effect
- Two-stage DiD

Model bias v. model se:
25 treated units and instant plateau effects

Median standard error error

1 year since treatment

2 years since treatment

3 years since treatment

4 years since treatment

5 years since treatment

6 years since treatment

Median model bias

Estimator
- Augmented synthetic controls
- Callaway & Sant'Anna
- DiD imputation
- Event study: AR(1)
- Event study: AR(1) (No clustering)
- Event study: Sun & Abraham
- Event study: Two-way Fixed Effect
- Two-stage DiD

Model bias v. model se:
35 treated units and instant plateau effects

Median standard error error

Median model bias

Estimator
- Augmented synthetic controls
- Callaway & Sant'Anna
- DiD imputation
- Event study: AR(1)
- Event study: AR(1) (No clustering)
- Event study: Sun & Abraham
- Event study: Two-way Fixed Effect
- Two-stage DiD

Model bias v. model se:
15 treated units and slow plateau effects

Model bias v. model se:
25 treated units and slow plateau effects

Model bias v. model se:
35 treated units and slow plateau effects

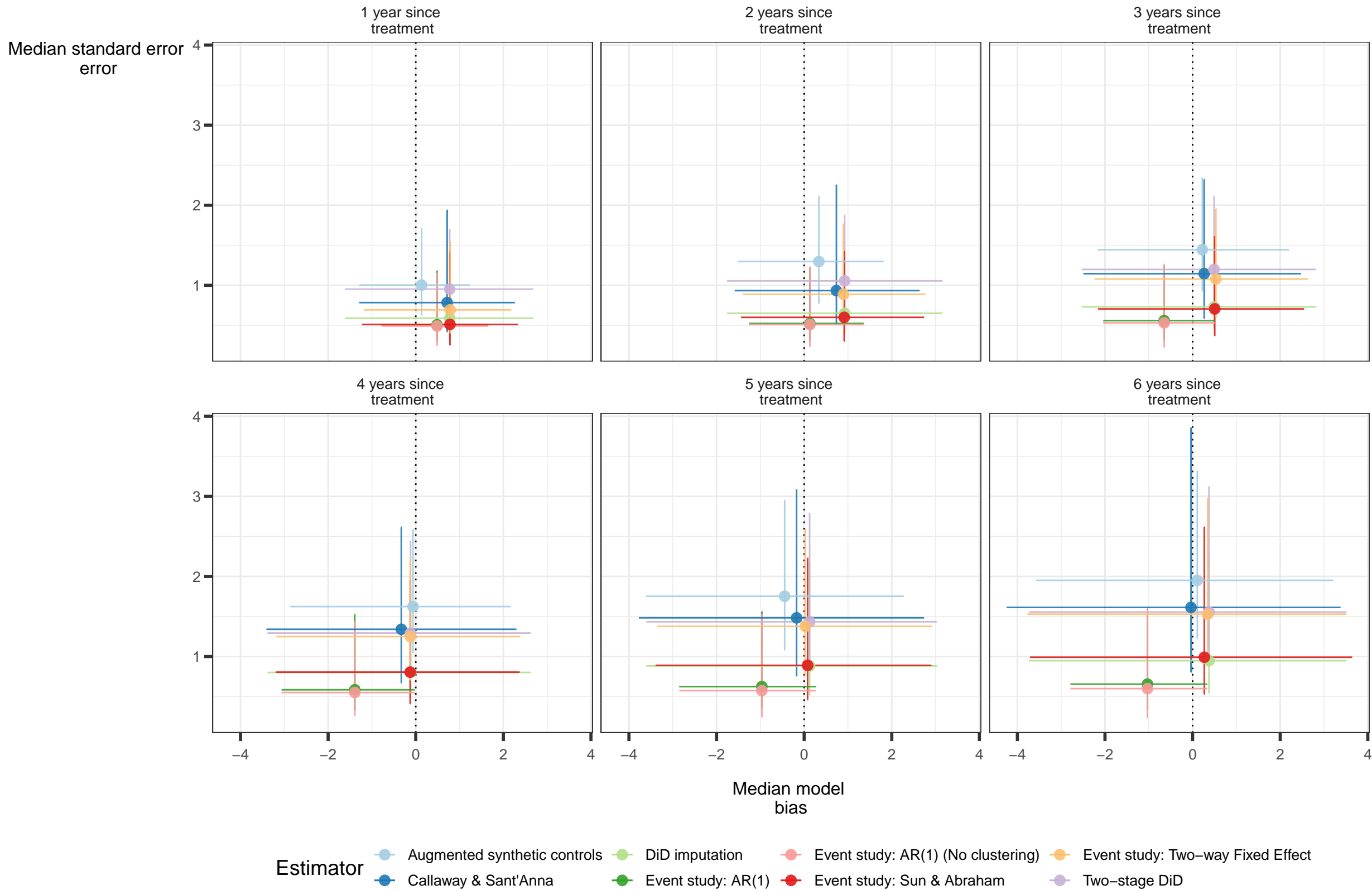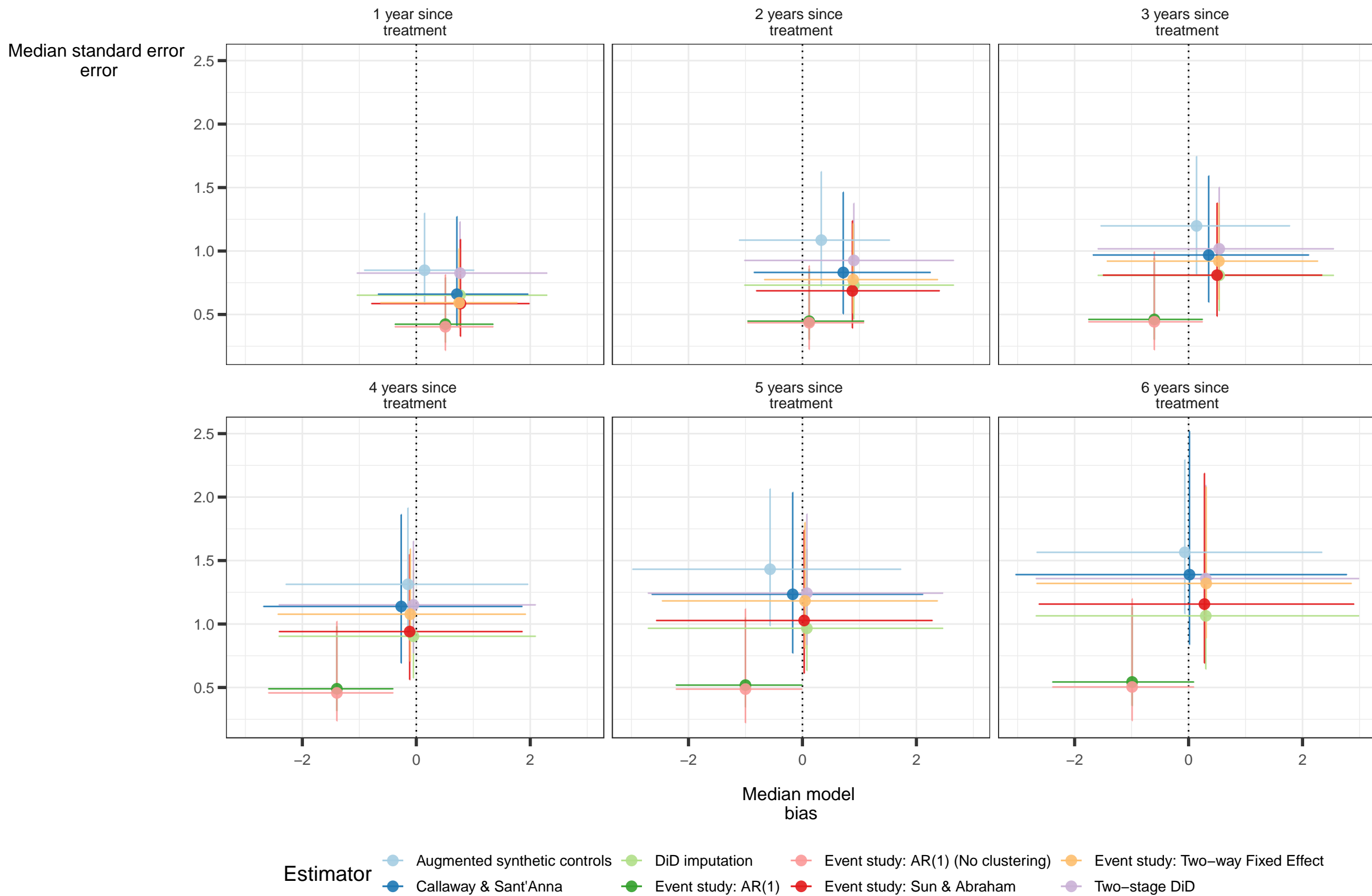Median standard error error

Median model bias

Estimator
- Augmented synthetic controls
- Callaway & Sant'Anna
- DiD imputation
- Event study: AR(1)
- Event study: AR(1) (No clustering)
- Event study: Sun & Abraham
- Event study: Two-way Fixed Effect
- Two-stage DiD