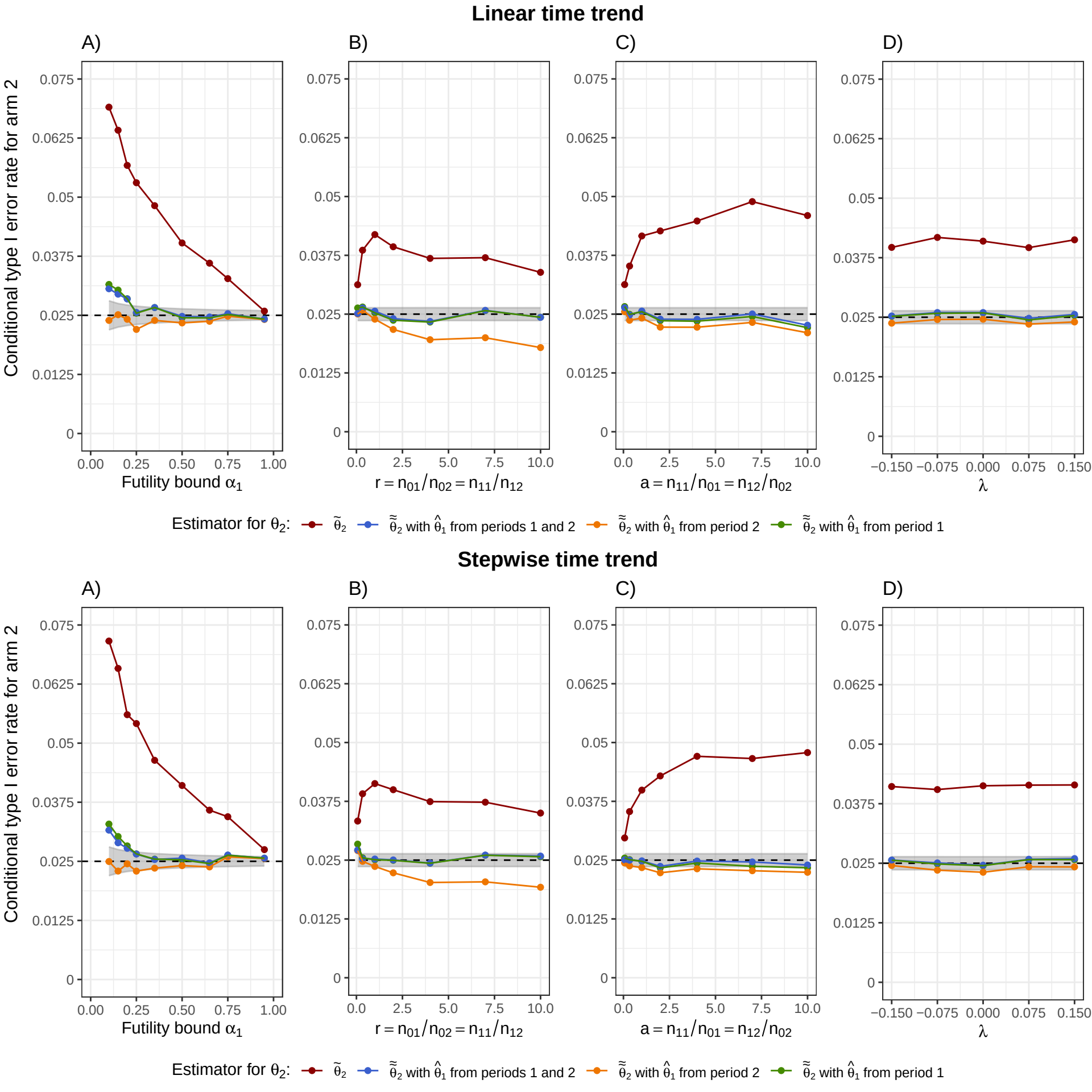
Linear time trend
A)
B)
C)
D)
Conditional type I error rate for arm 2
0.075
0.0625
0.05
0.0375
0.025
0.0125
0
0.00
0.25
0.50
0.75
1.00
Futility bound α_1
0.0
2.5
5.0
7.5
10.0
$r = n_{01}/n_{02} = n_{11}/n_{12}$
$a = n_{11}/n_{01} = n_{12}/n_{02}$
−0.150
−0.075
0.000
0.075
0.150
λ
Estimator for θ_2:
$\tilde{\theta}_2$
$\tilde{\tilde{\theta}}_2$ with $\hat{\theta}_1$ from periods 1 and 2
$\tilde{\tilde{\theta}}_2$ with $\hat{\theta}_1$ from period 2
$\tilde{\tilde{\theta}}_2$ with $\hat{\theta}_1$ from period 1
Stepwise time trend
A)
B)
C)
D)
Conditional type I error rate for arm 2
0.075
0.0625
0.05
0.0375
0.025
0.0125
0
0.00
0.25
0.50
0.75
1.00
Futility bound α_1
0.0
2.5
5.0
7.5
10.0
$r = n_{01}/n_{02} = n_{11}/n_{12}$
$a = n_{11}/n_{01} = n_{12}/n_{02}$
−0.150
−0.075
0.000
0.075
0.150
λ
Estimator for θ_2:
$\tilde{\theta}_2$
$\tilde{\tilde{\theta}}_2$ with $\hat{\theta}_1$ from periods 1 and 2
$\tilde{\tilde{\theta}}_2$ with $\hat{\theta}_1$ from period 2
$\tilde{\tilde{\theta}}_2$ with $\hat{\theta}_1$ from period 1