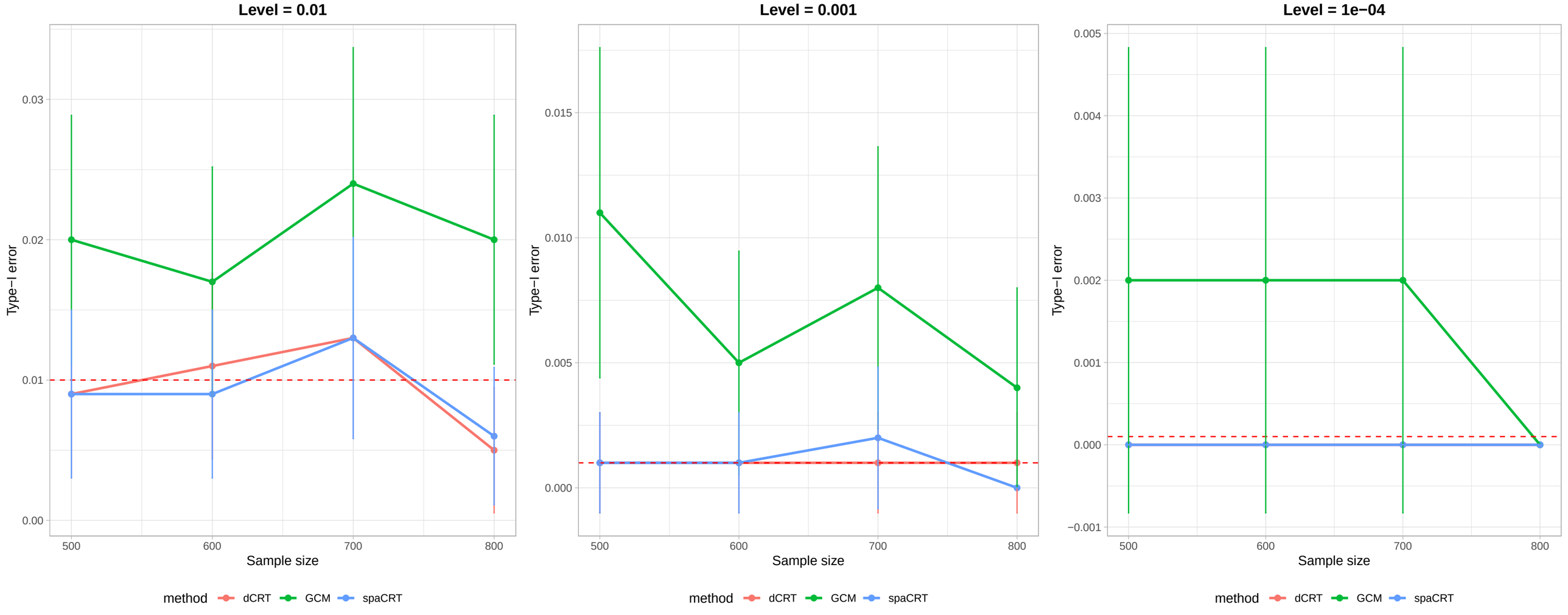
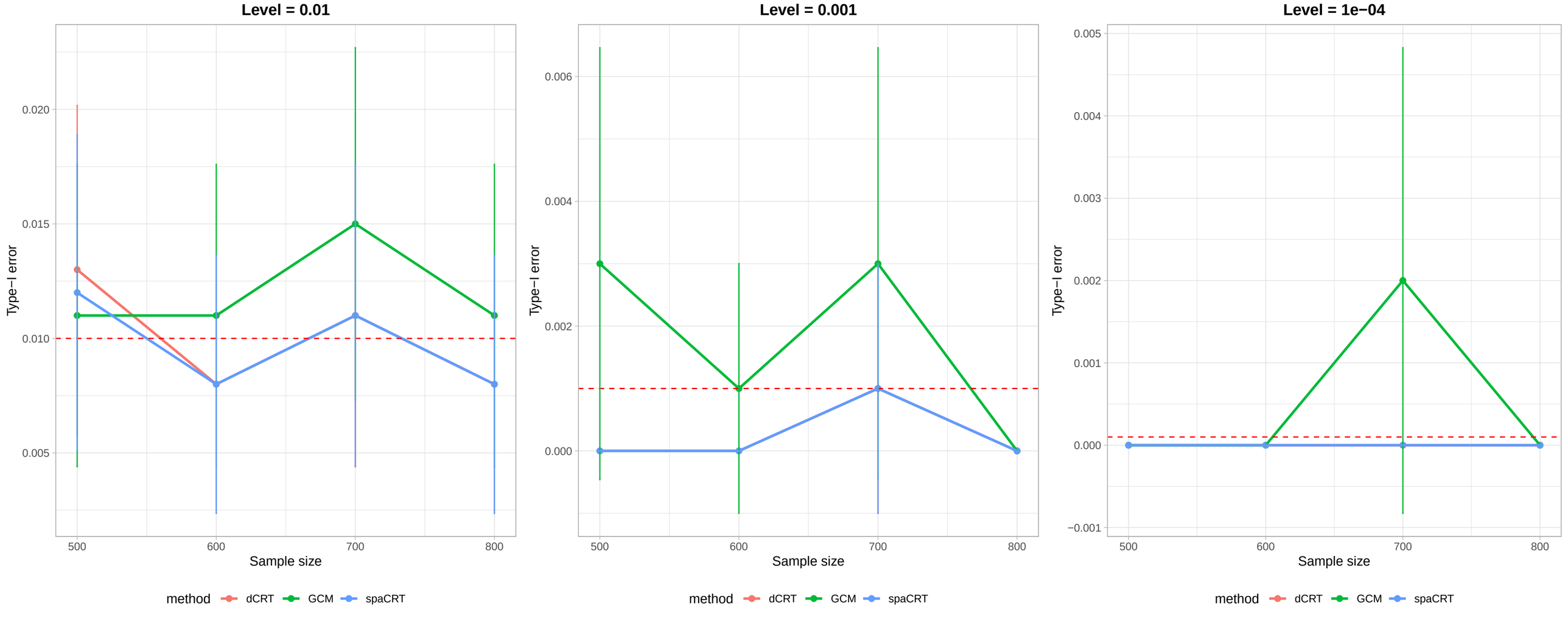
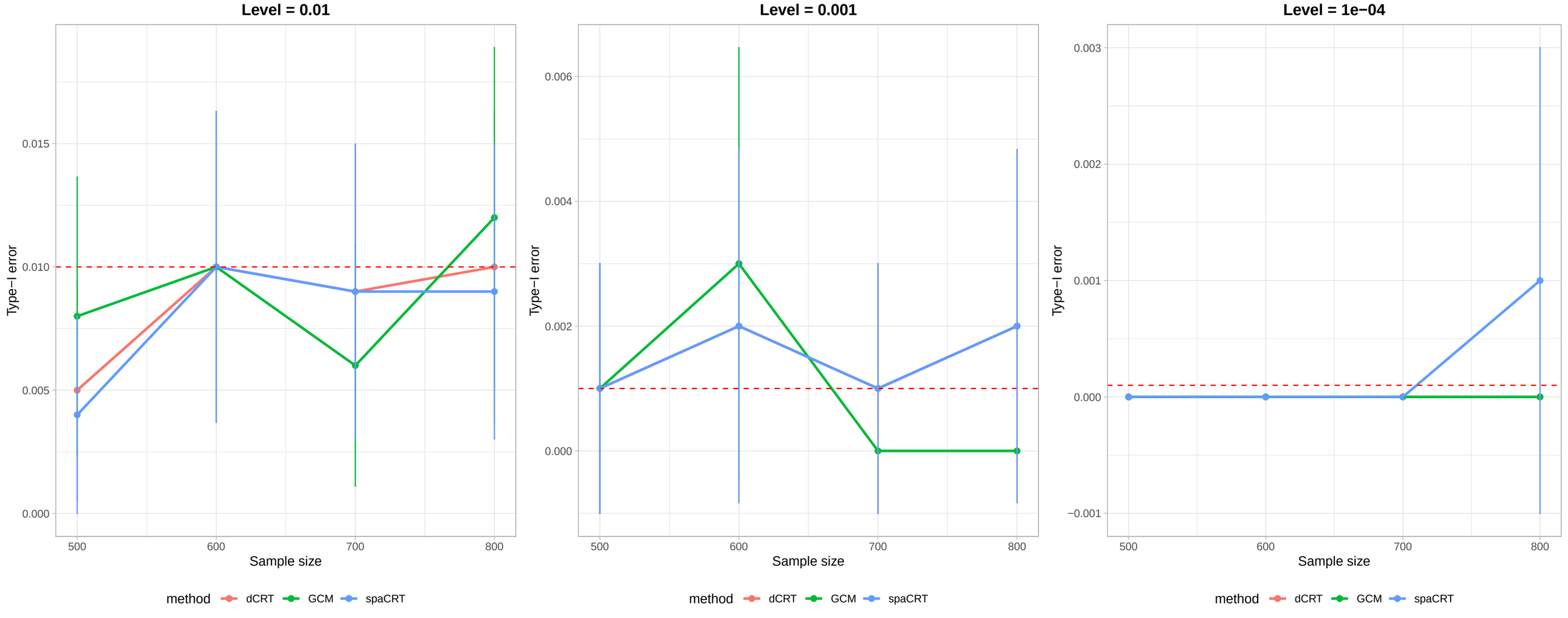
X|Z ~ Bernoulli(expit(−3+Z)), Y|Z ~ Poi(exp(−3+Z))



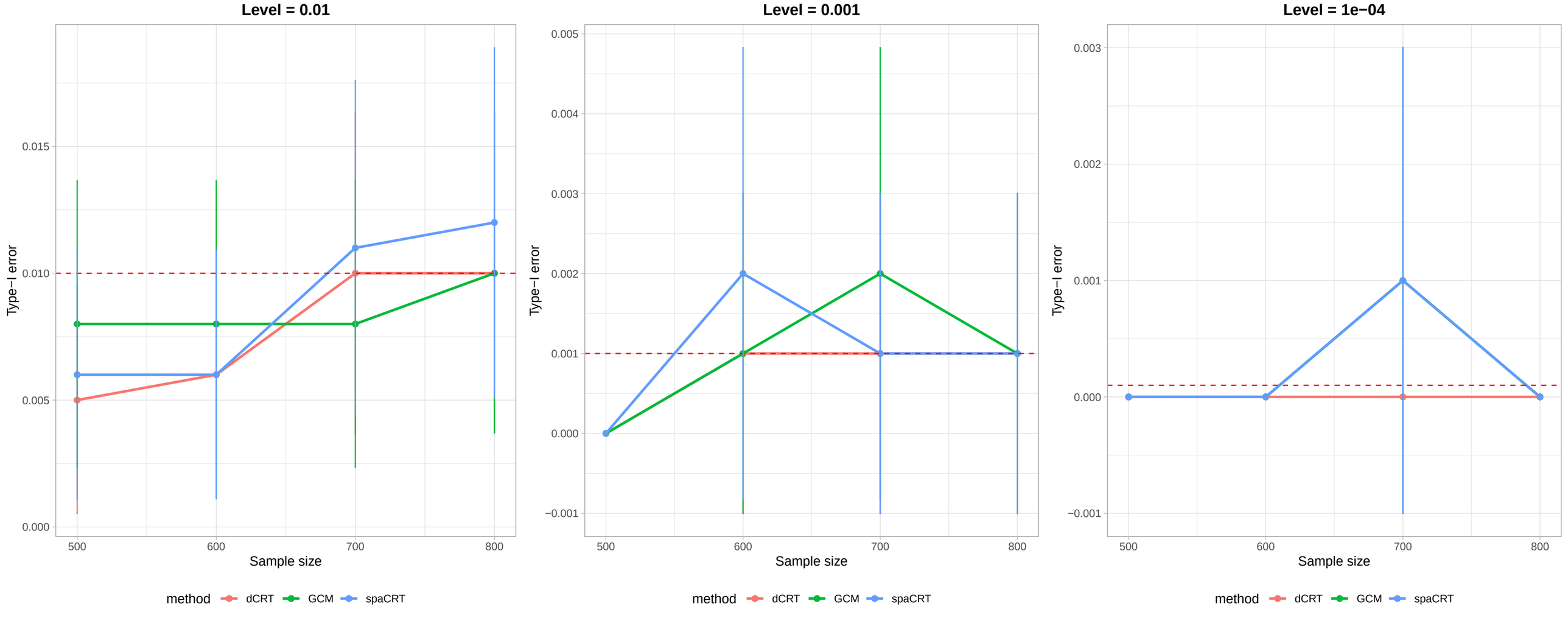
X|Z ~ Bernoulli(expit(−2+Z)), Y|Z ~ Poi(exp(−3+Z))



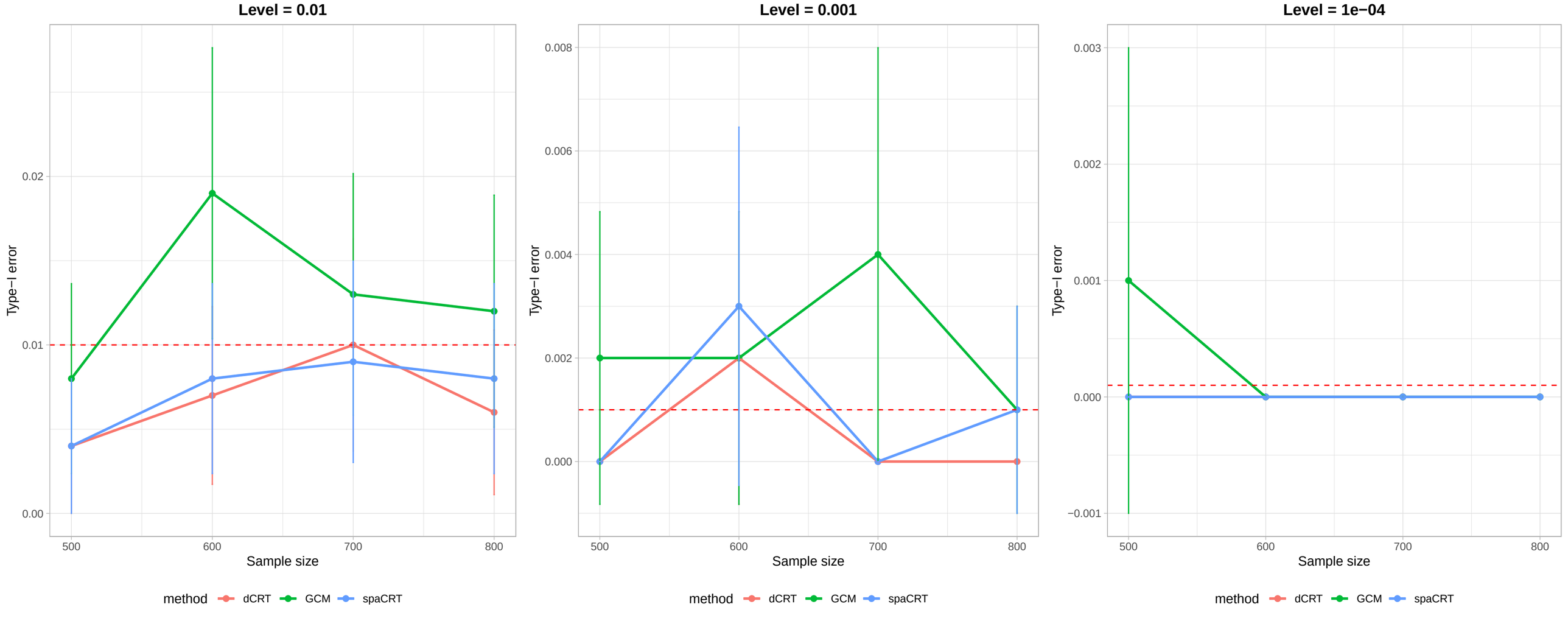
X|Z ~ Bernoulli(expit(−1+Z)), Y|Z ~ Poi(exp(−3+Z))



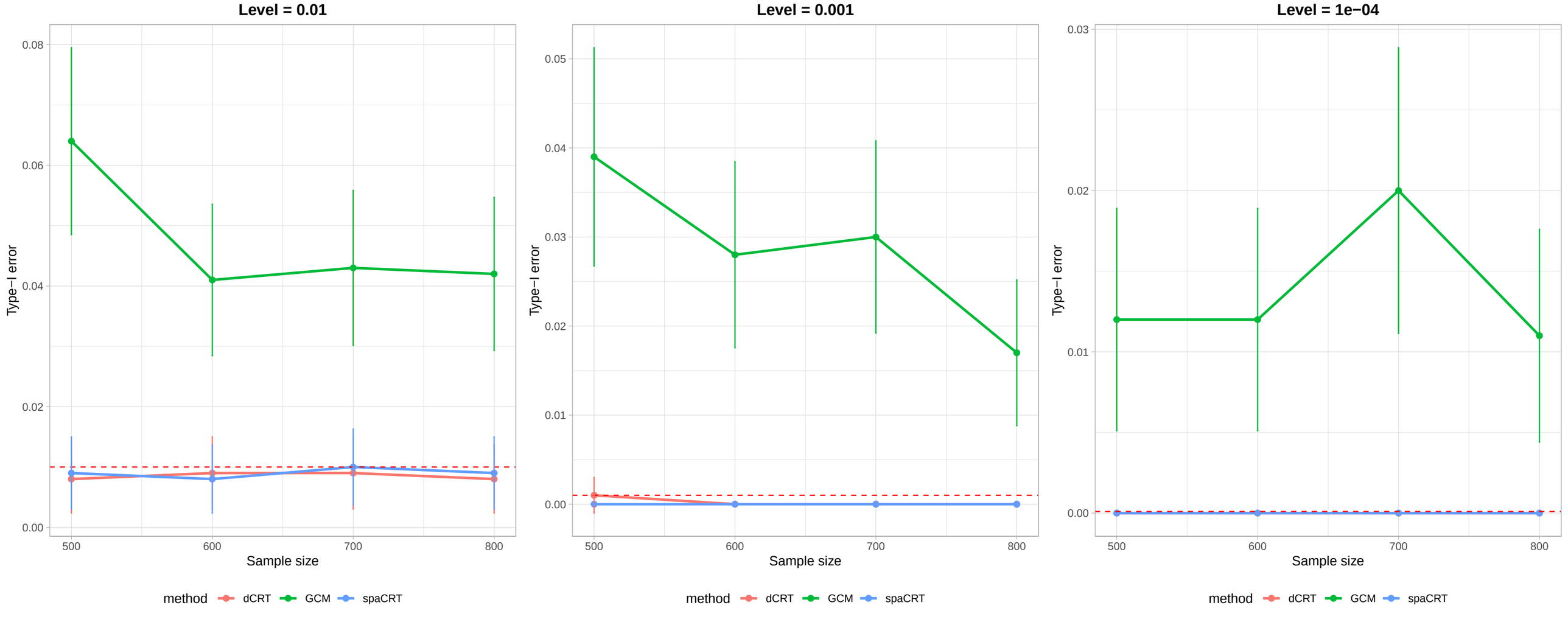
X|Z ~ Bernoulli(expit(0+Z)), Y|Z ~ Poi(exp(−3+Z))

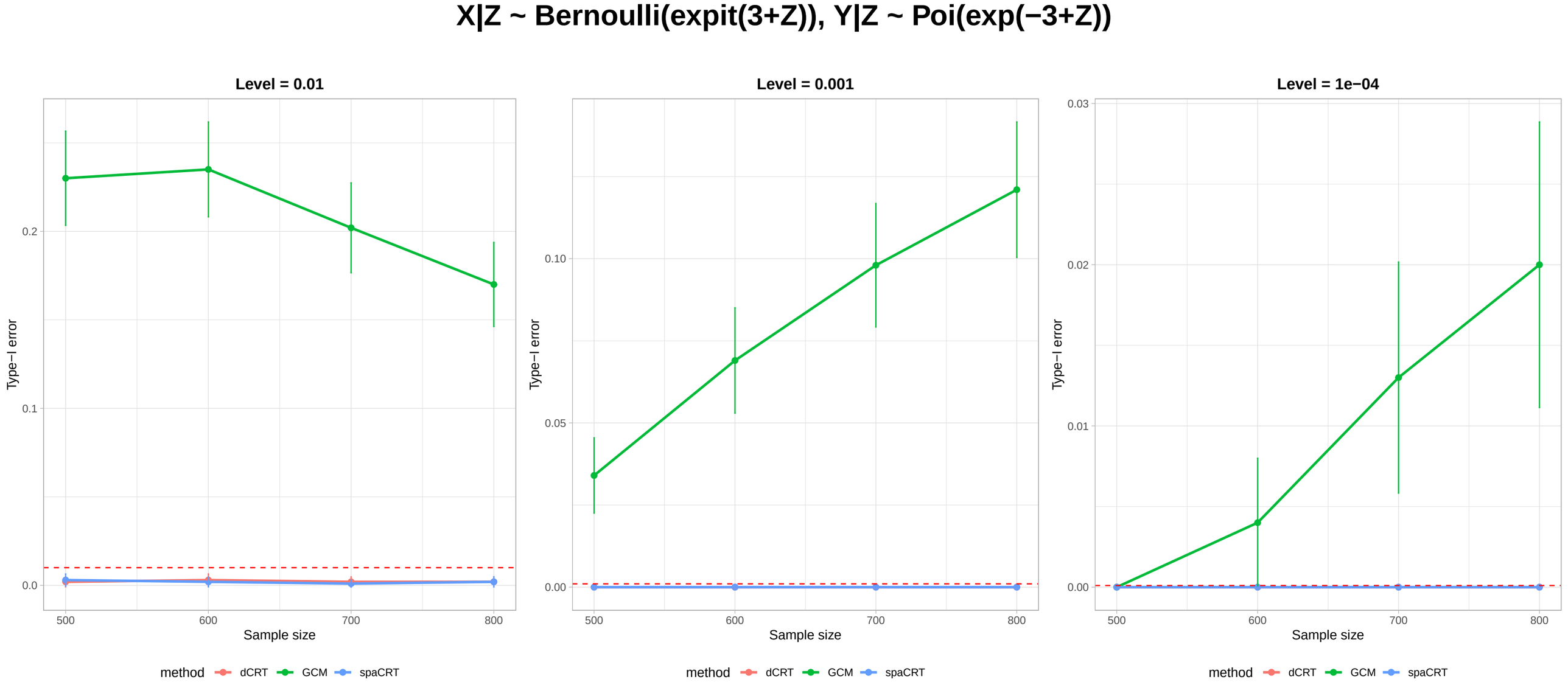


X|Z ~ Bernoulli(expit(1+Z)), Y|Z ~ Poi(exp(−3+Z))

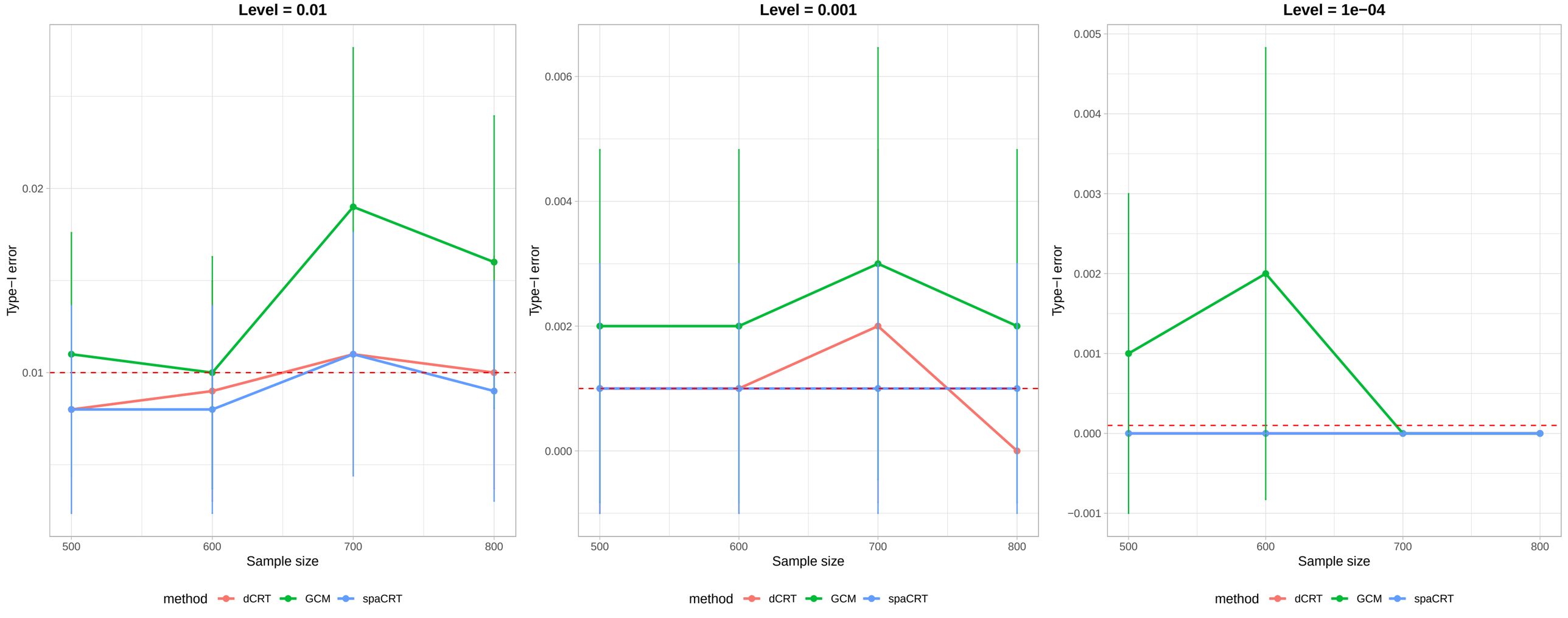


X|Z ~ Bernoulli(expit(2+Z)), Y|Z ~ Poi(exp(−3+Z))

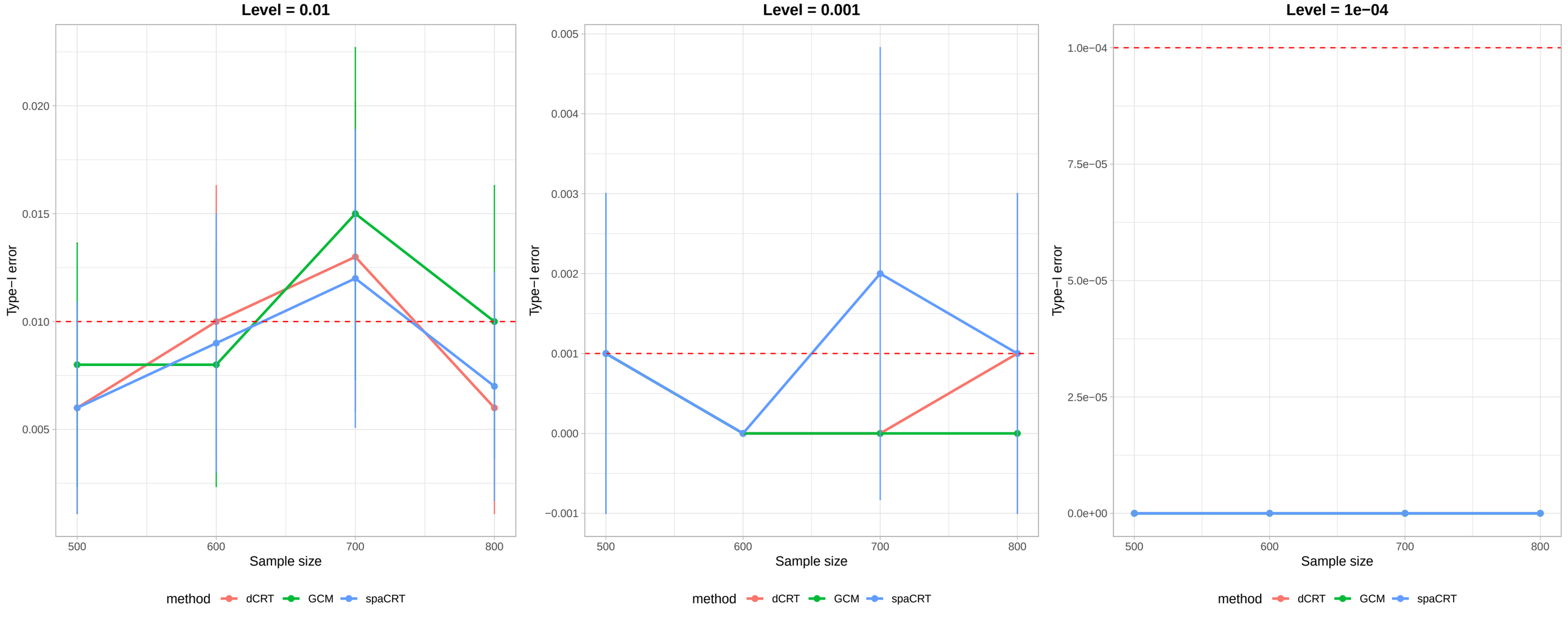



X|Z ~ Bernoulli(expit(3+Z)), Y|Z ~ Poi(exp(−3+Z))
Level = 0.01
Level = 0.001
Level = 1e−04
Type−I error
Sample size
0.0
0.1
0.2
0.00
0.05
0.10
0.01
0.02
0.03
500
600
700
800
method
dCRT
GCM
spaCRT

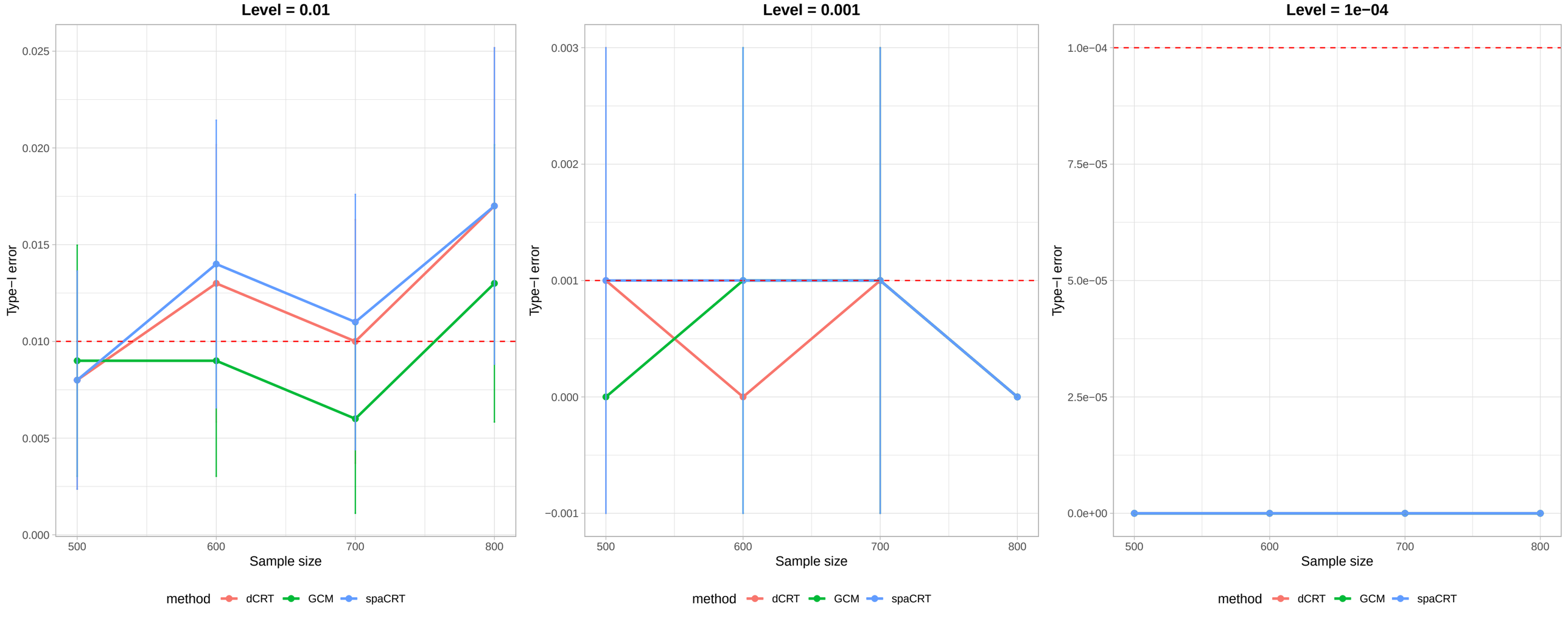
X|Z ~ Bernoulli(expit(−3+Z)), Y|Z ~ Poi(exp(−2+Z))



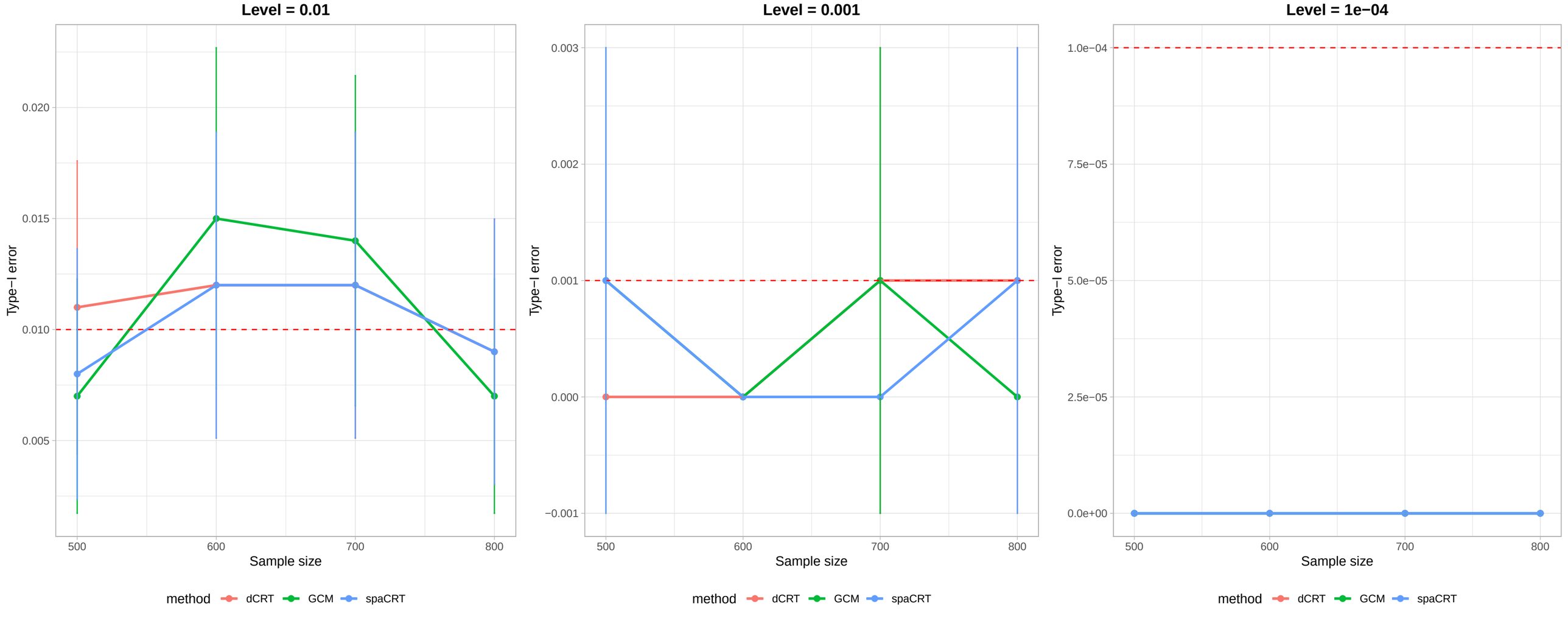
X|Z ~ Bernoulli(expit(−2+Z)), Y|Z ~ Poi(exp(−2+Z))



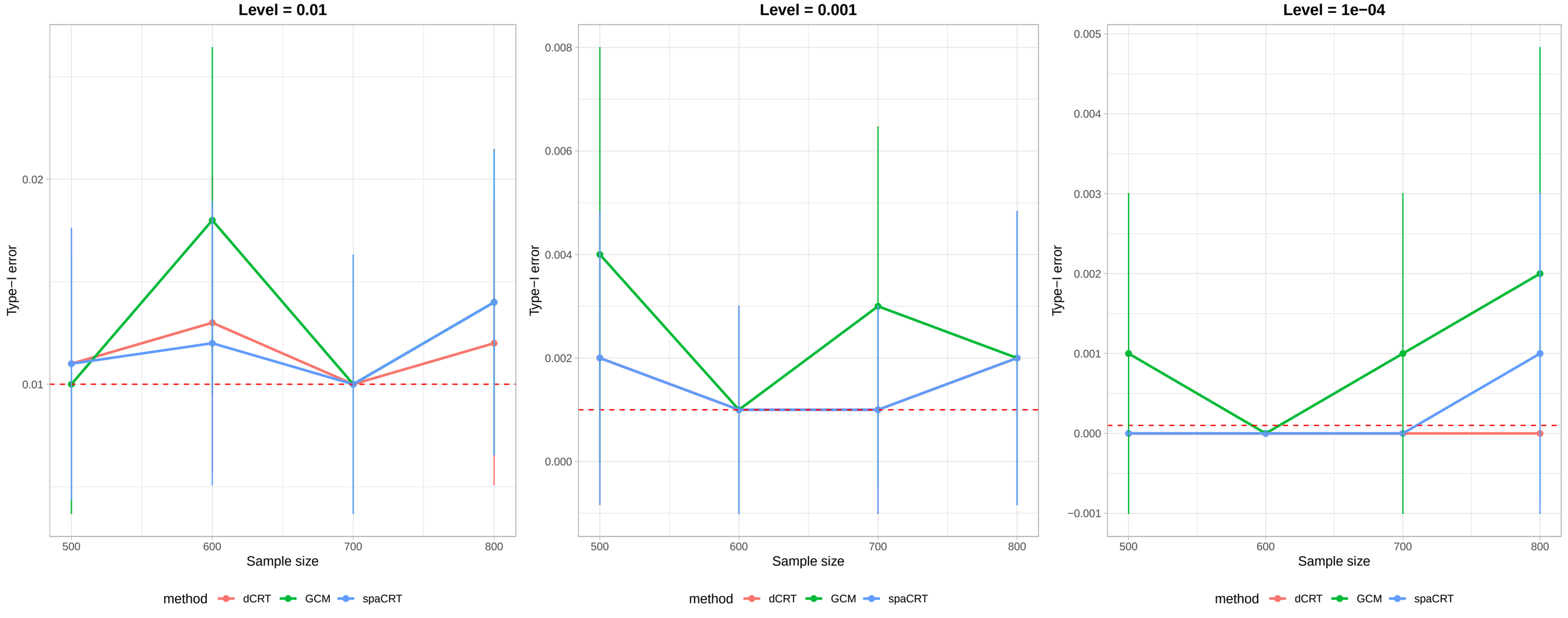
X|Z ~ Bernoulli(expit(−1+Z)), Y|Z ~ Poi(exp(−2+Z))



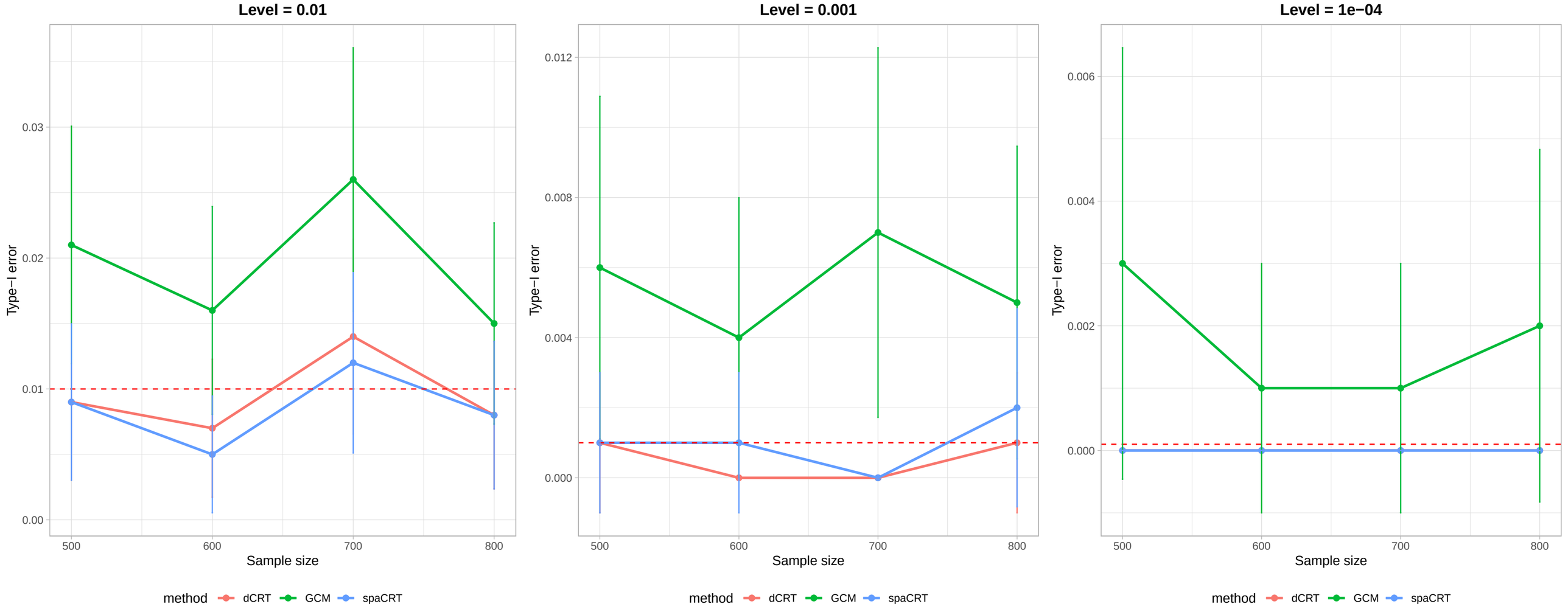
X|Z ~ Bernoulli(expit(0+Z)), Y|Z ~ Poi(exp(−2+Z))



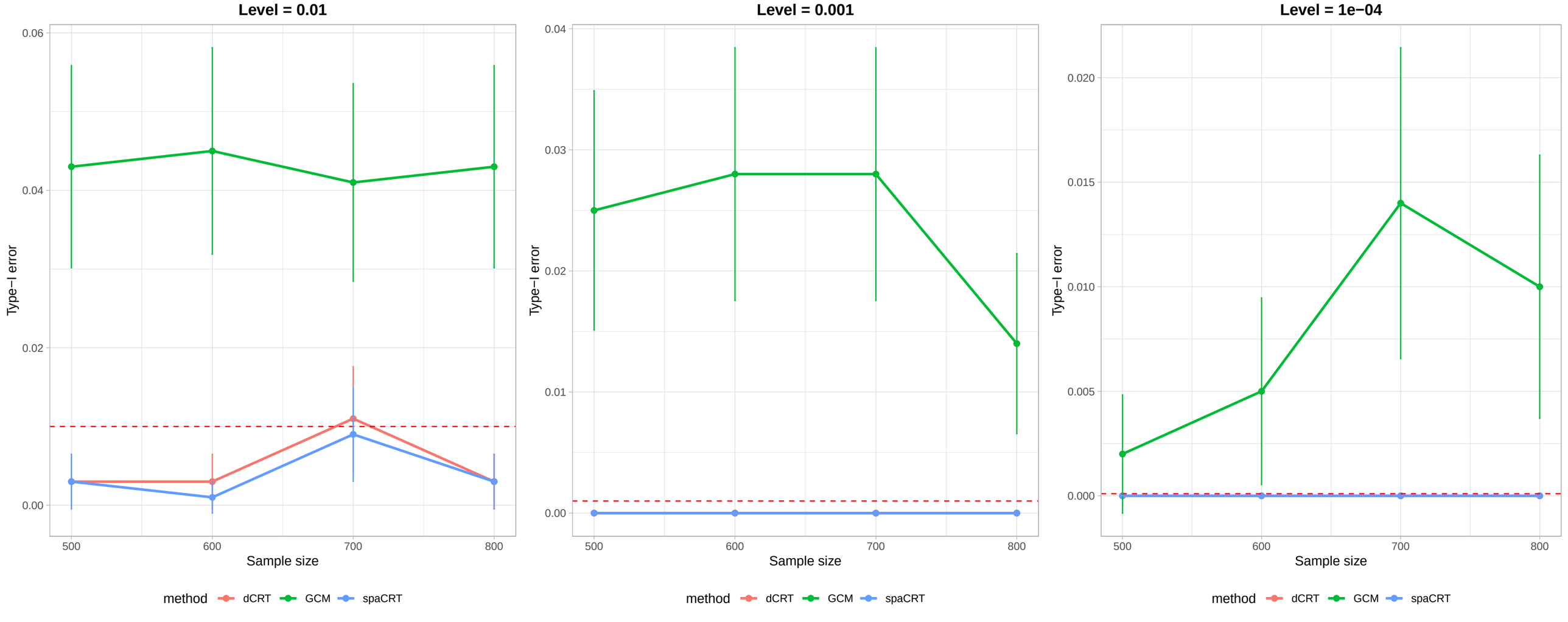
X|Z ~ Bernoulli(expit(1+Z)), Y|Z ~ Poi(exp(−2+Z))



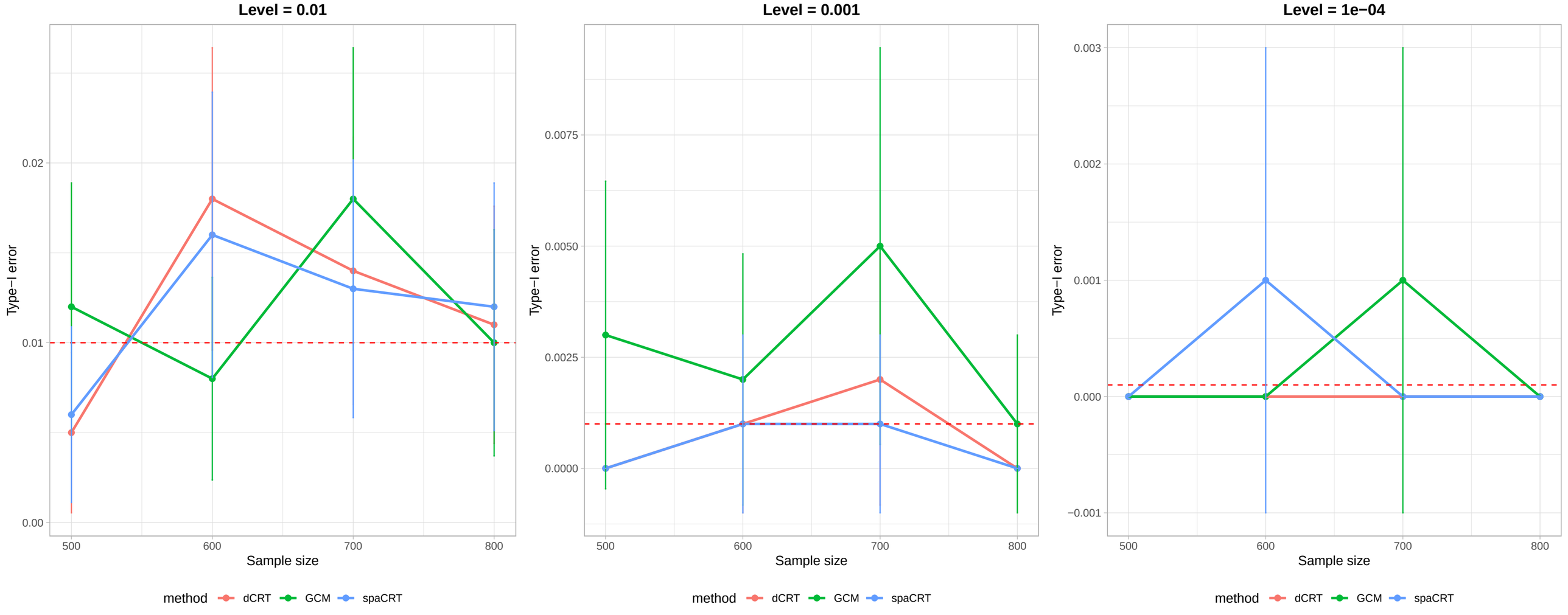
X|Z ~ Bernoulli(expit(2+Z)), Y|Z ~ Poi(exp(−2+Z))



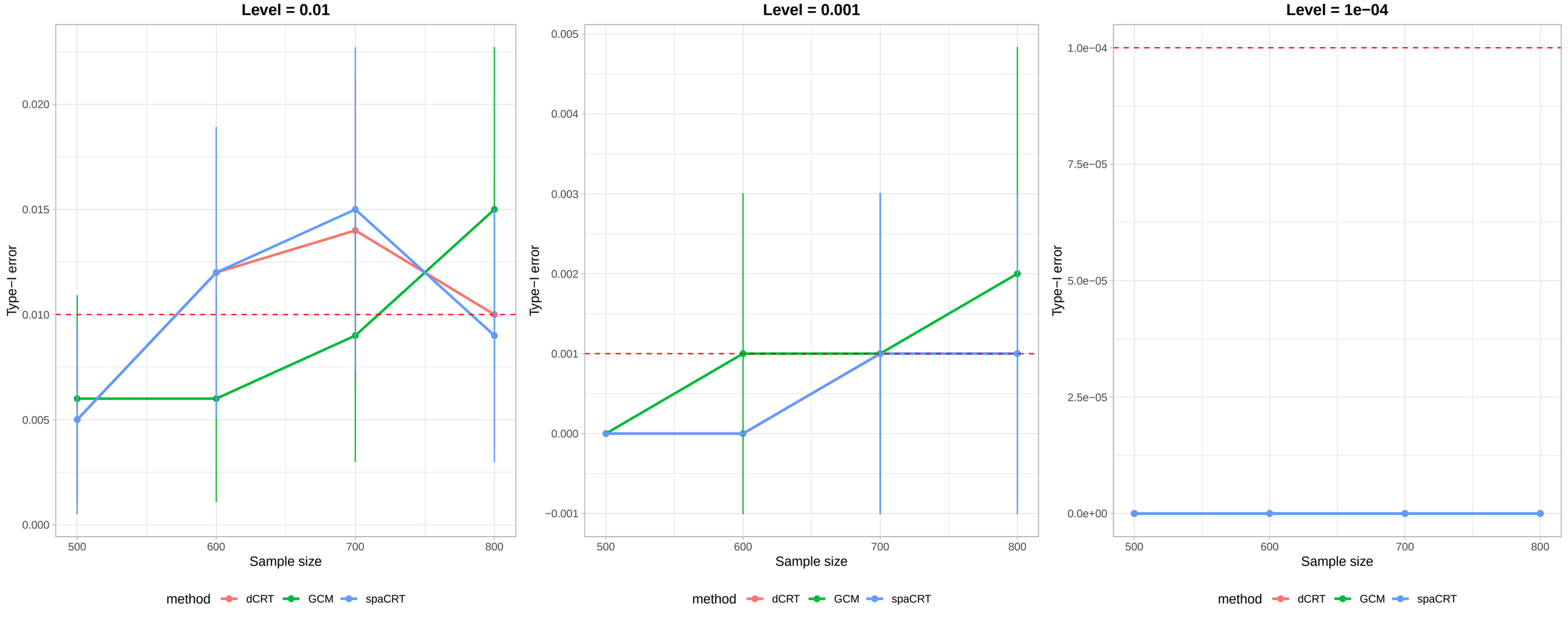
X|Z ~ Bernoulli(expit(3+Z)), Y|Z ~ Poi(exp(−2+Z))



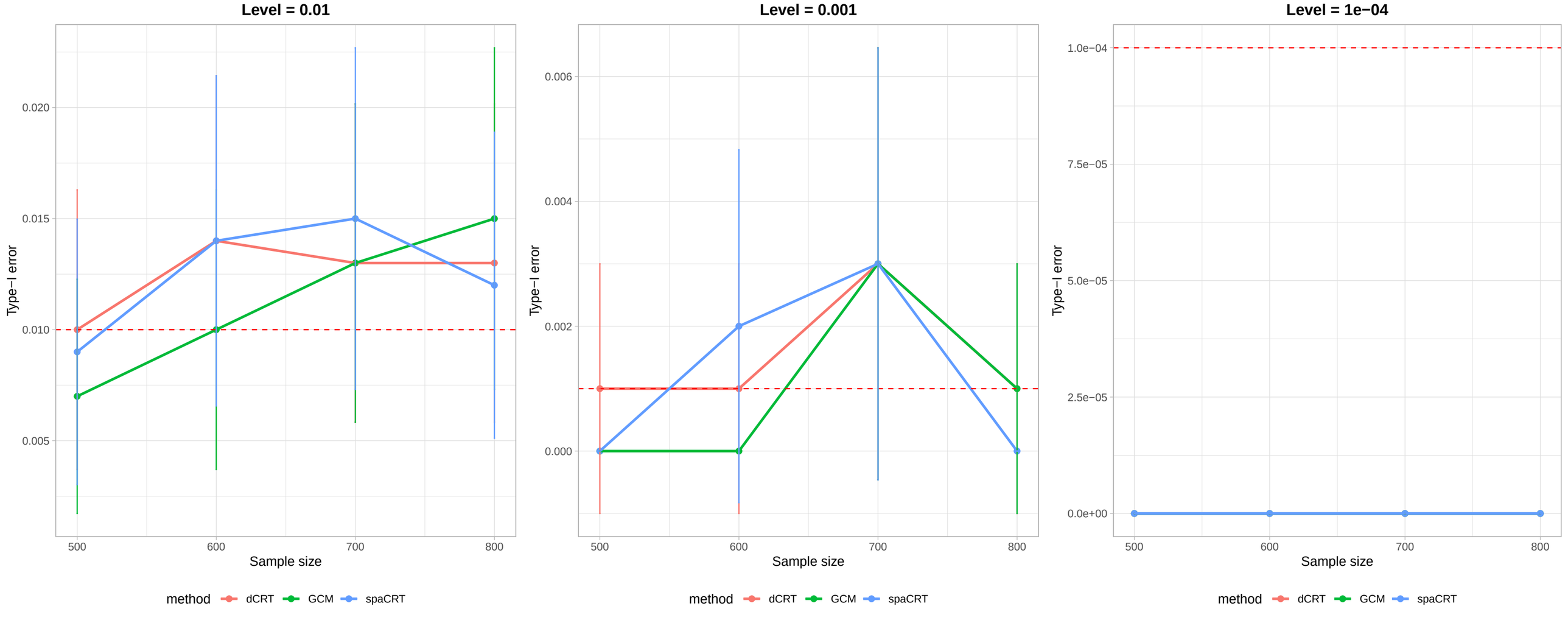
X|Z ~ Bernoulli(expit(−3+Z)), Y|Z ~ Poi(exp(−1+Z))



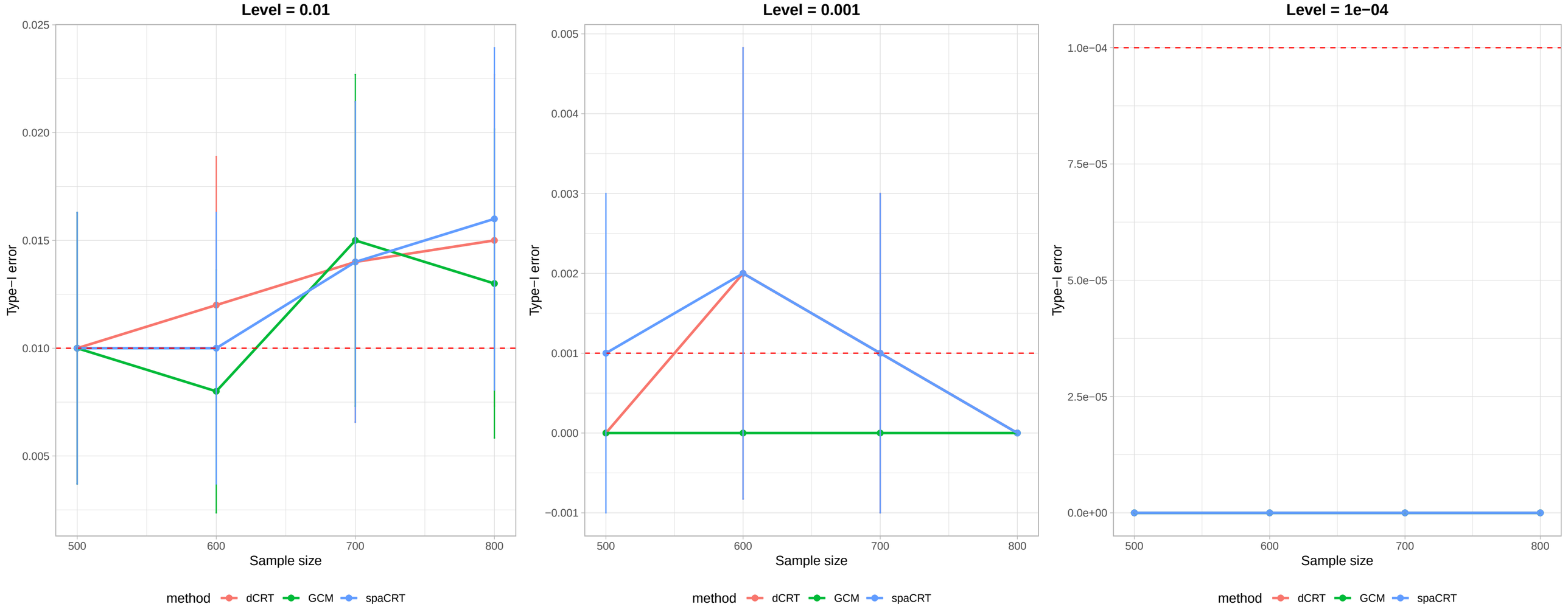
X|Z ~ Bernoulli(expit(−2+Z)), Y|Z ~ Poi(exp(−1+Z))



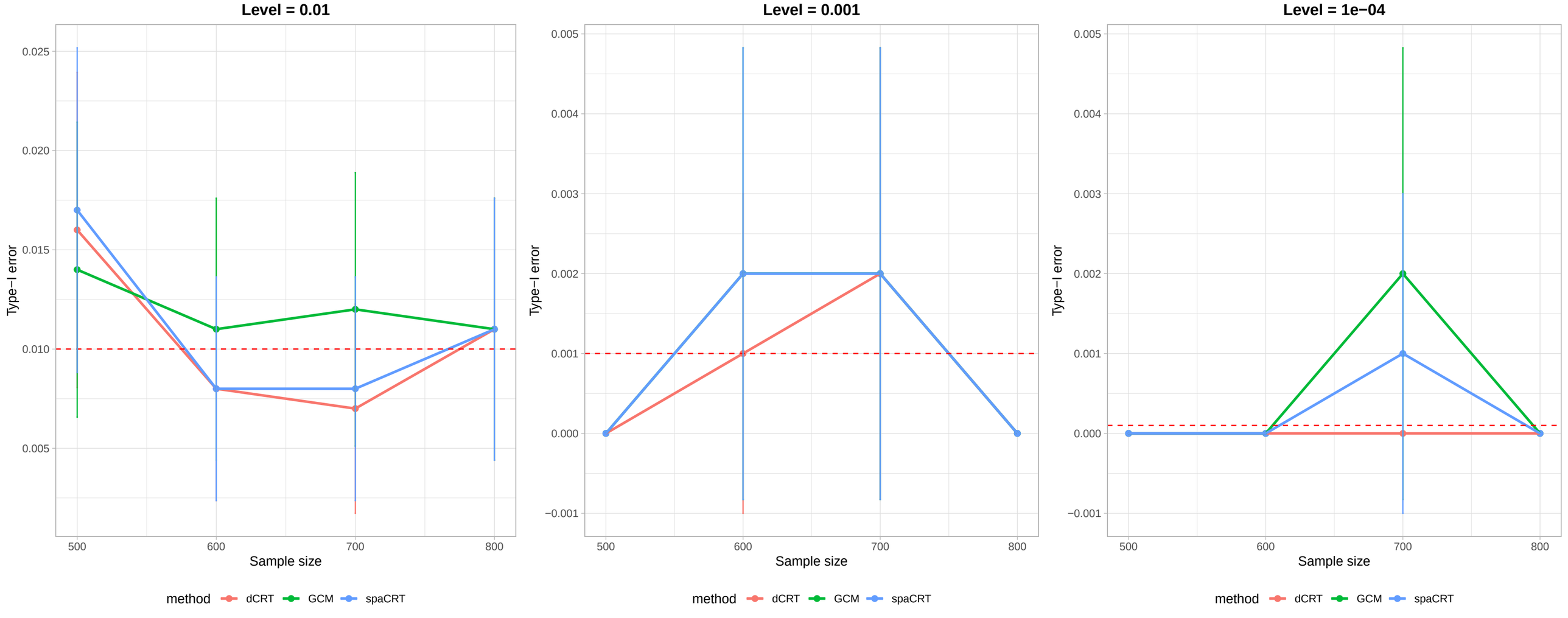
X|Z ~ Bernoulli(expit(−1+Z)), Y|Z ~ Poi(exp(−1+Z))



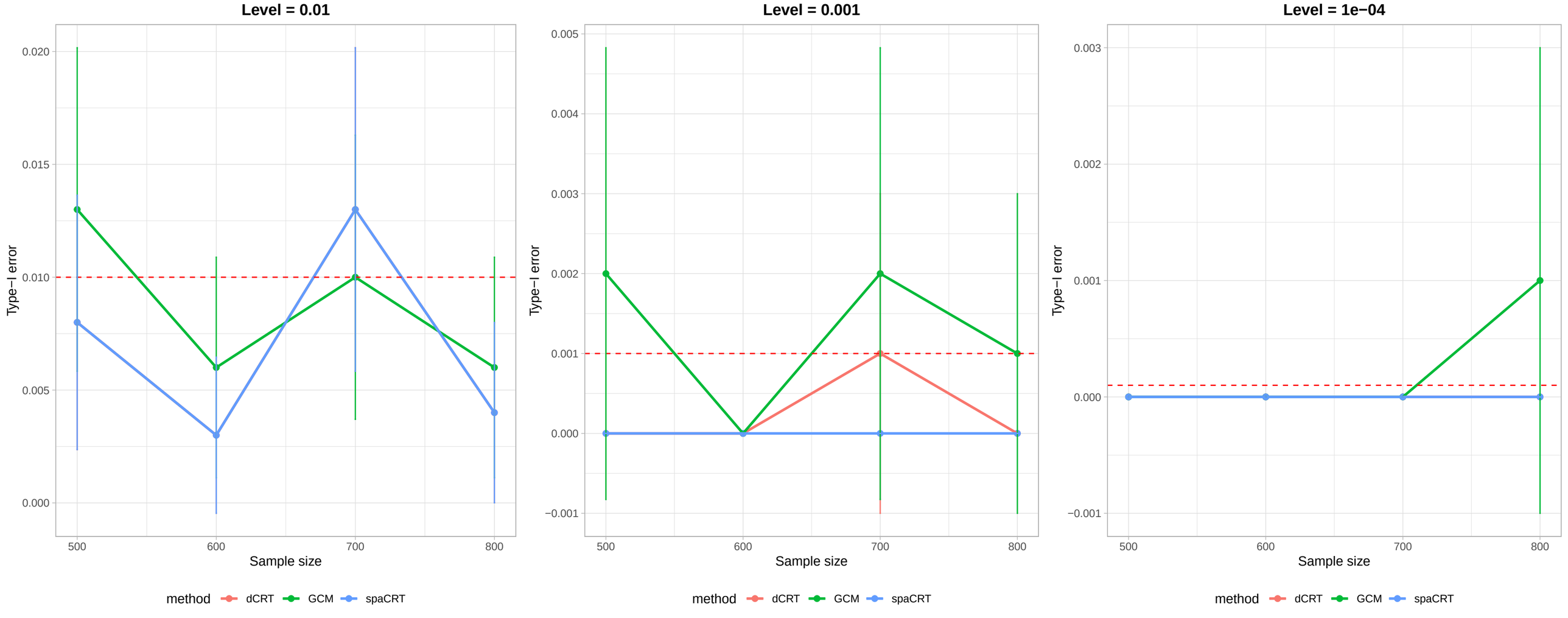
X|Z ~ Bernoulli(expit(0+Z)), Y|Z ~ Poi(exp(−1+Z))



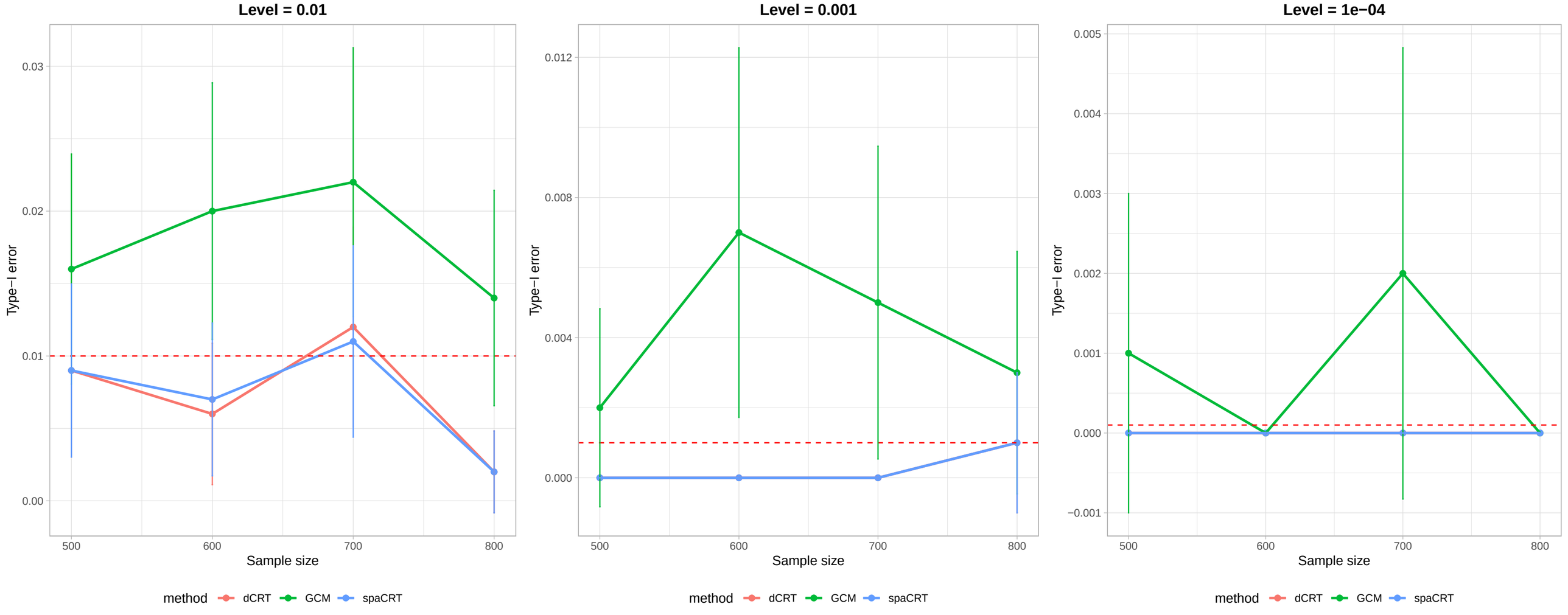
X|Z ~ Bernoulli(expit(1+Z)), Y|Z ~ Poi(exp(−1+Z))

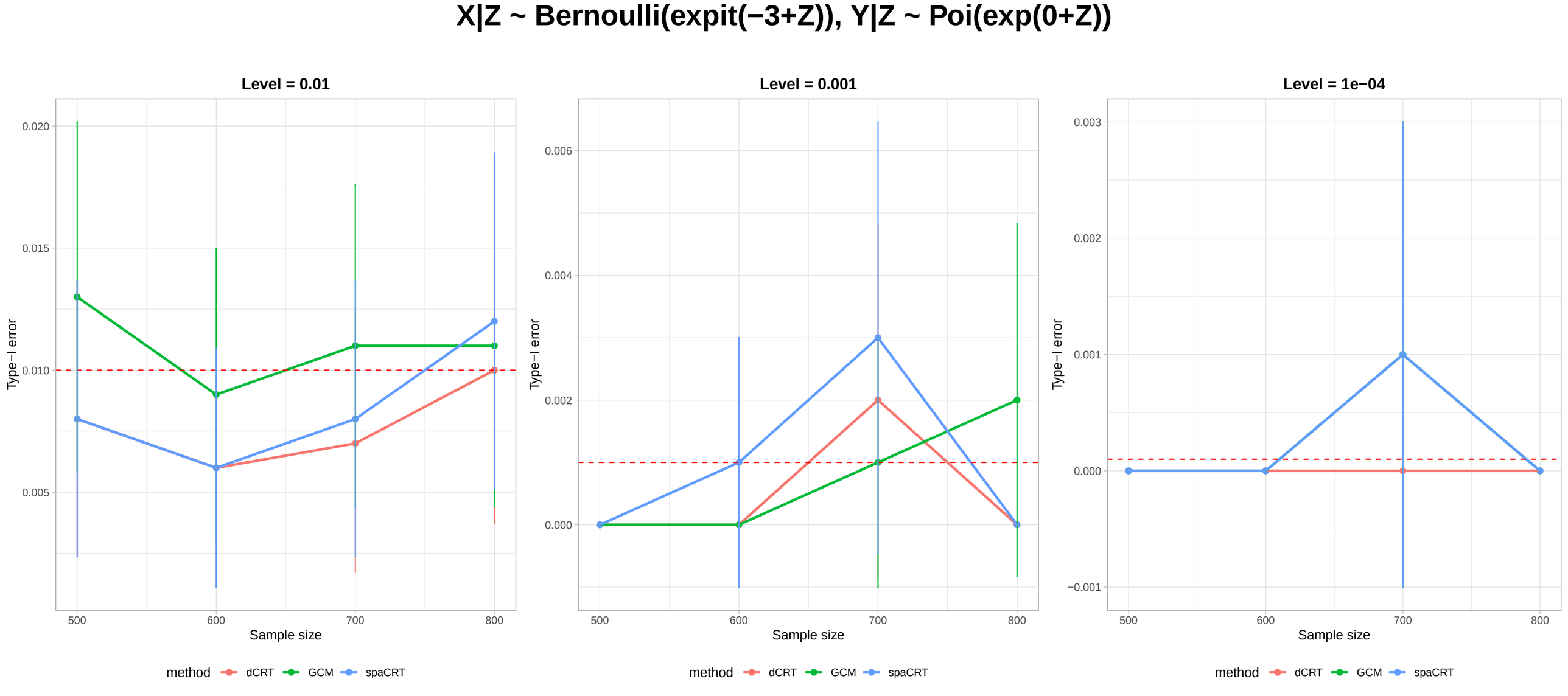


X|Z ~ Bernoulli(expit(2+Z)), Y|Z ~ Poi(exp(−1+Z))

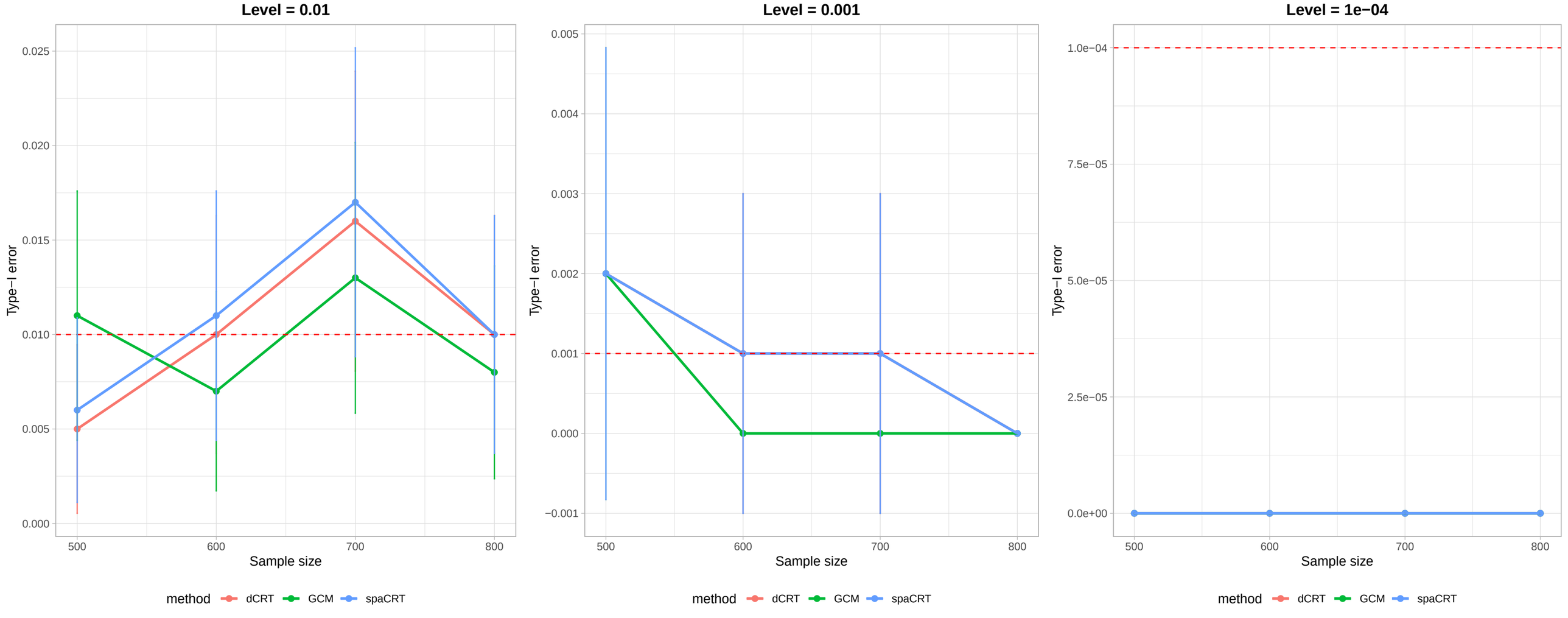


X|Z ~ Bernoulli(expit(3+Z)), Y|Z ~ Poi(exp(−1+Z))

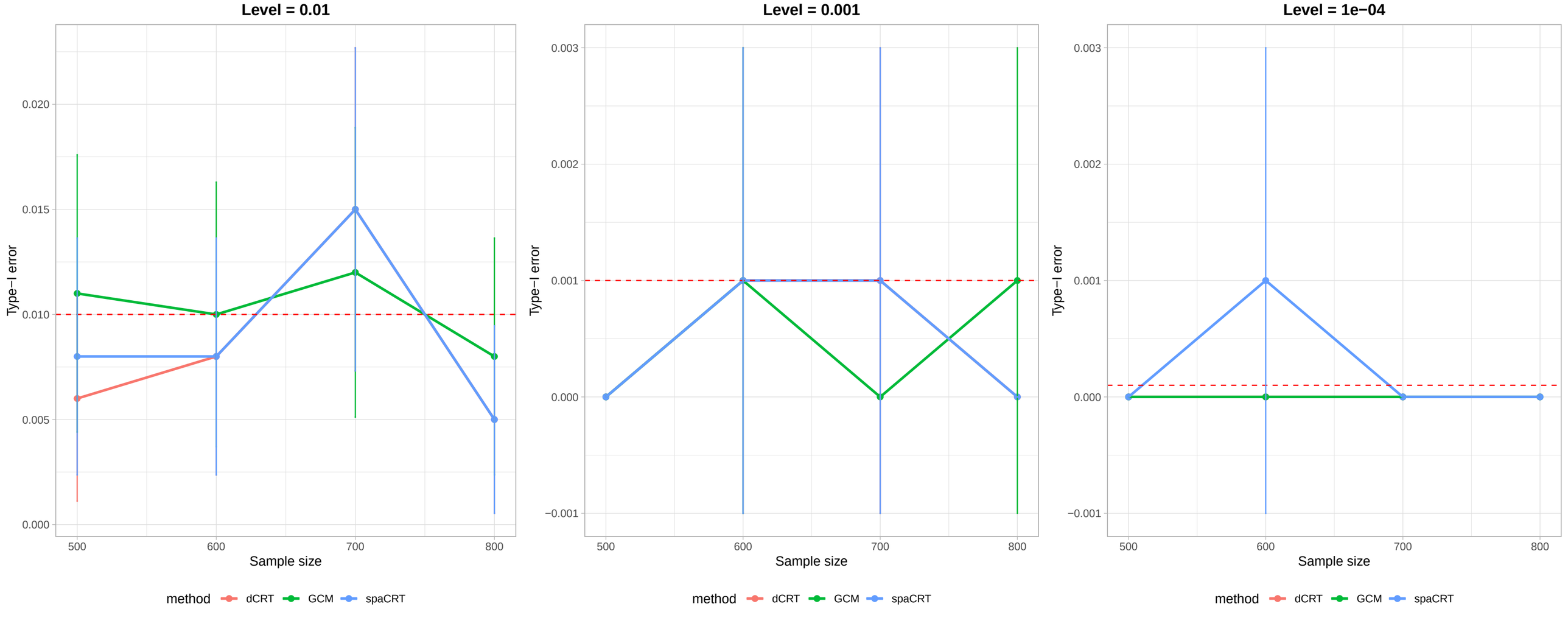



X|Z ~ Bernoulli(expit(−3+Z)), Y|Z ~ Poi(exp(0+Z))
Level = 0.01
Level = 0.001
Level = 1e−04
Type−I error
Sample size
0.020
0.015
0.010
0.005
0.006
0.004
0.002
0.000
0.003
0.001
−0.001
500
600
700
800
method
dCRT
GCM
spaCRT

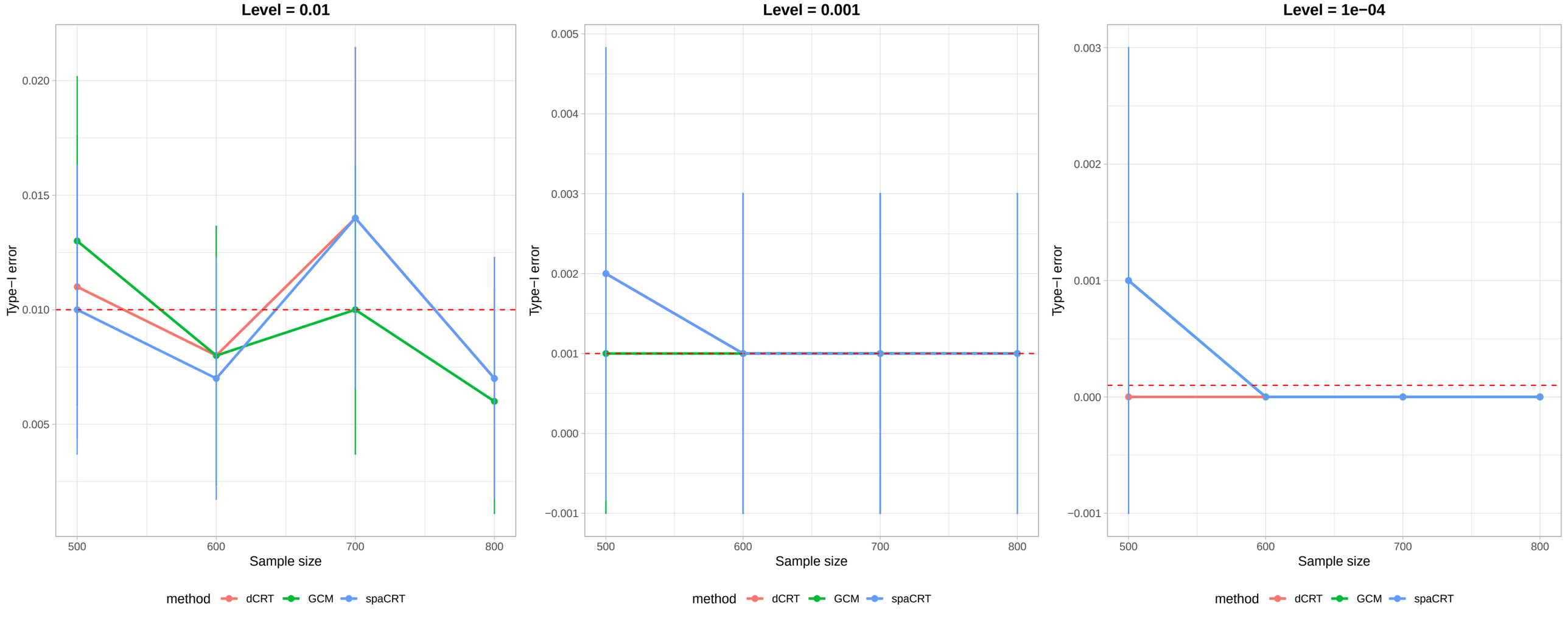
X|Z ~ Bernoulli(expit(−2+Z)), Y|Z ~ Poi(exp(0+Z))



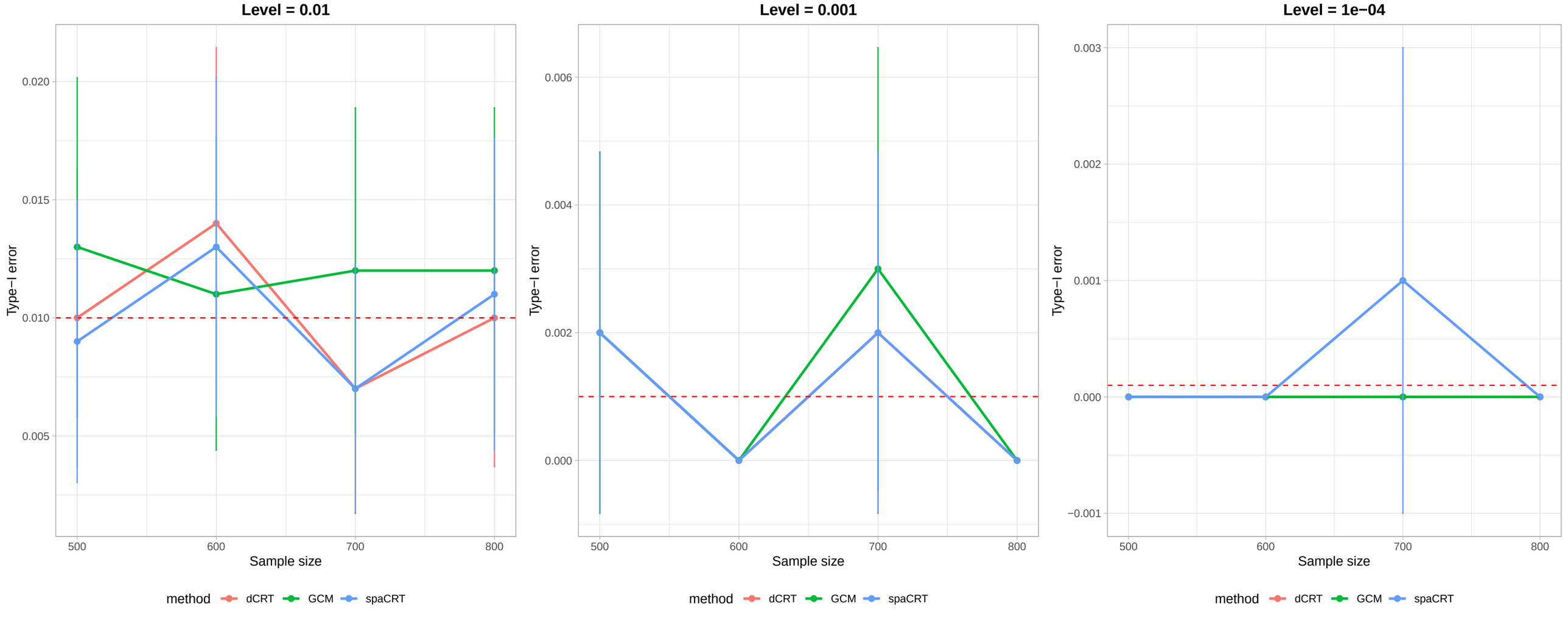
X|Z ~ Bernoulli(expit(−1+Z)), Y|Z ~ Poi(exp(0+Z))



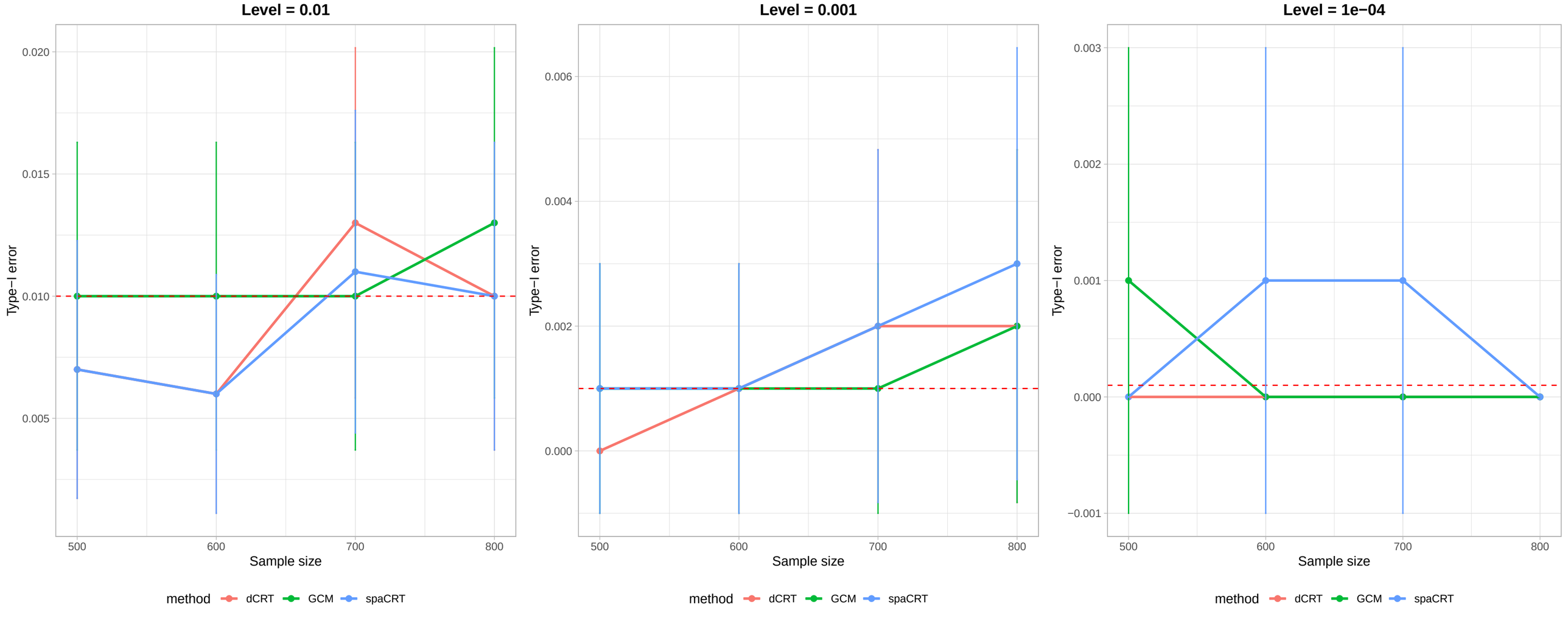
X|Z ~ Bernoulli(expit(0+Z)), Y|Z ~ Poi(exp(0+Z))



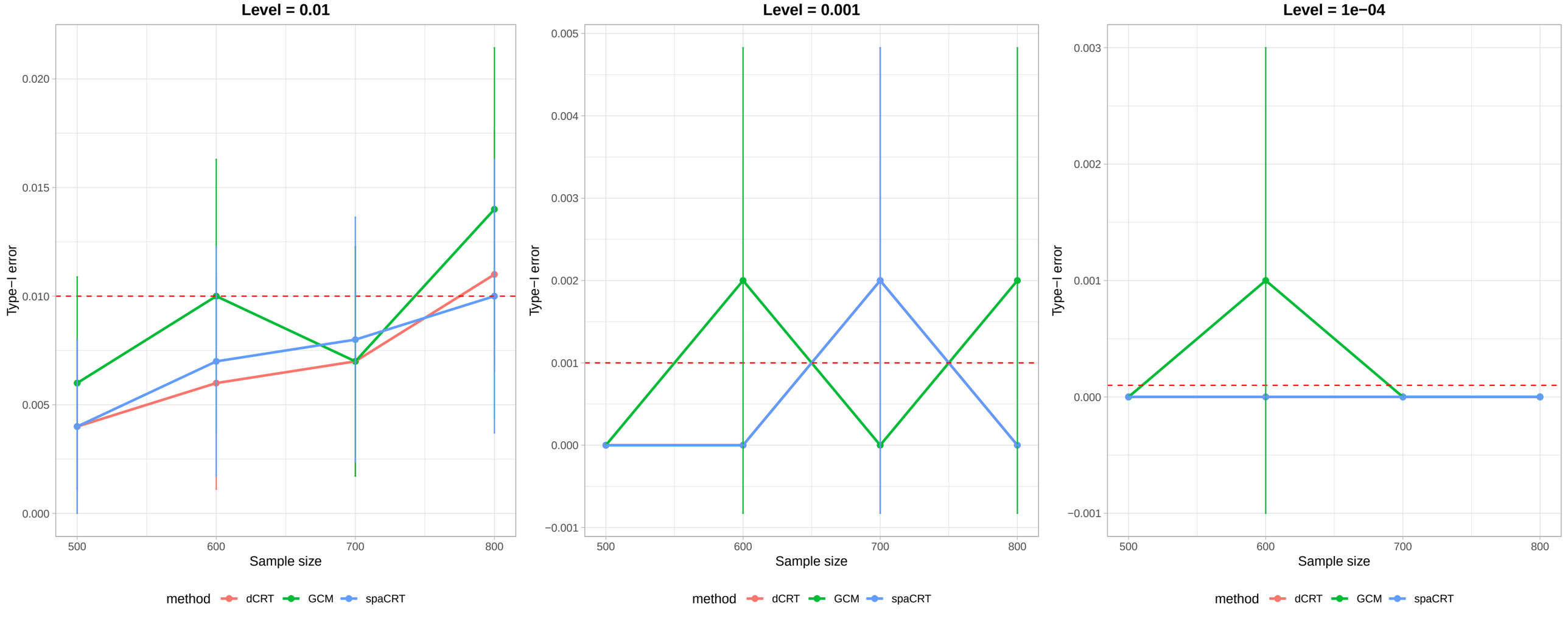
X|Z ~ Bernoulli(expit(1+Z)), Y|Z ~ Poi(exp(0+Z))



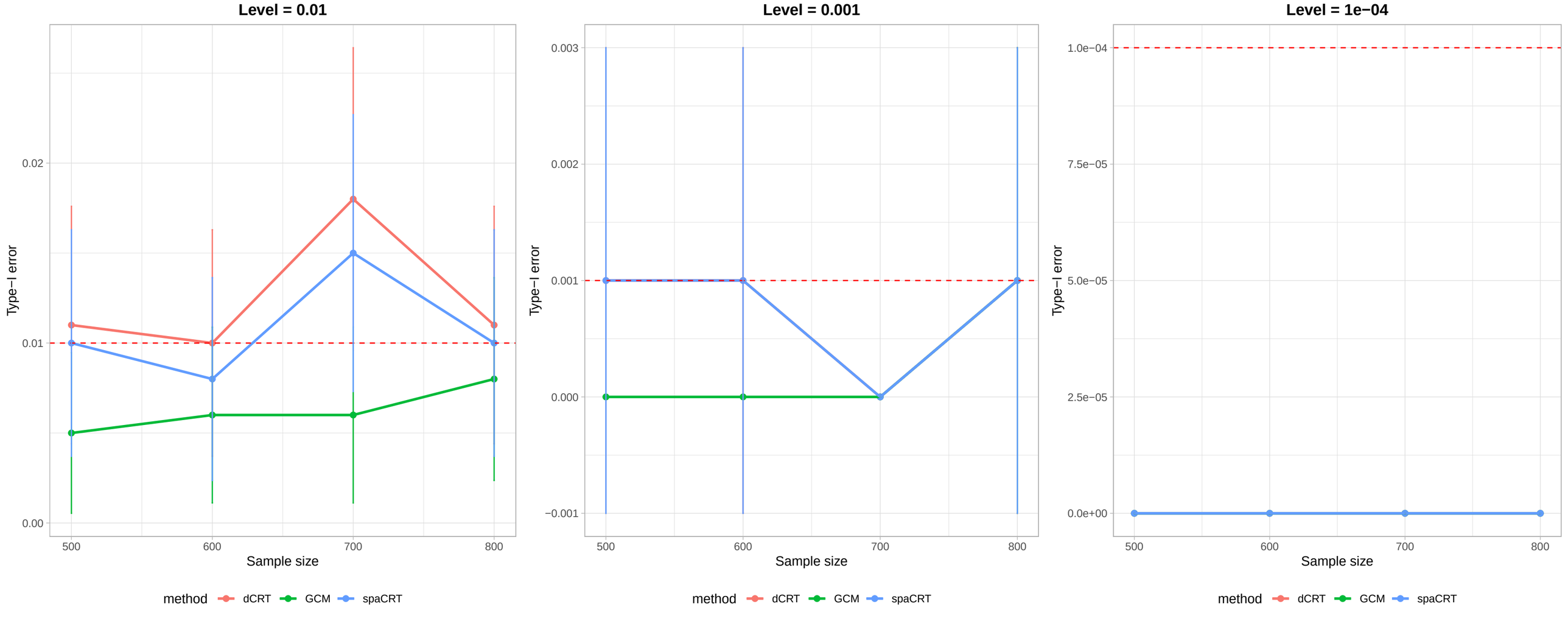
X|Z ~ Bernoulli(expit(2+Z)), Y|Z ~ Poi(exp(0+Z))



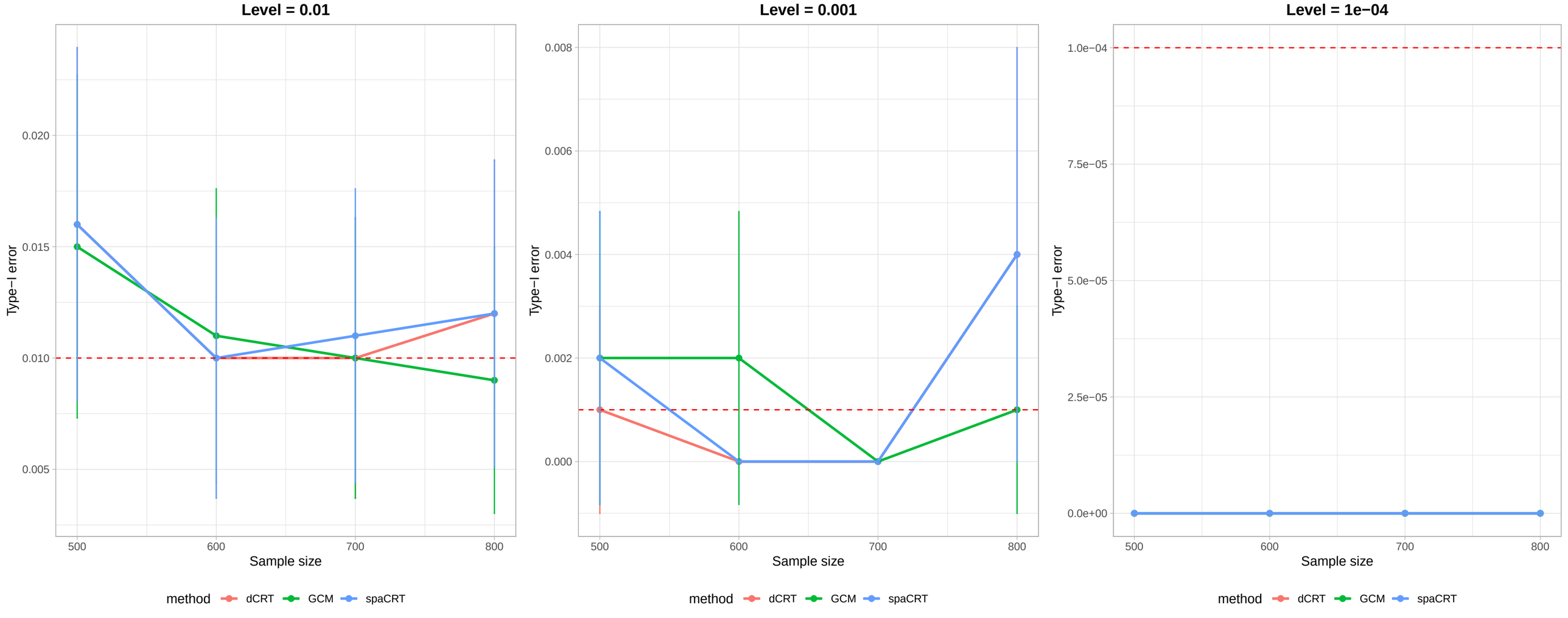
X|Z ~ Bernoulli(expit(3+Z)), Y|Z ~ Poi(exp(0+Z))



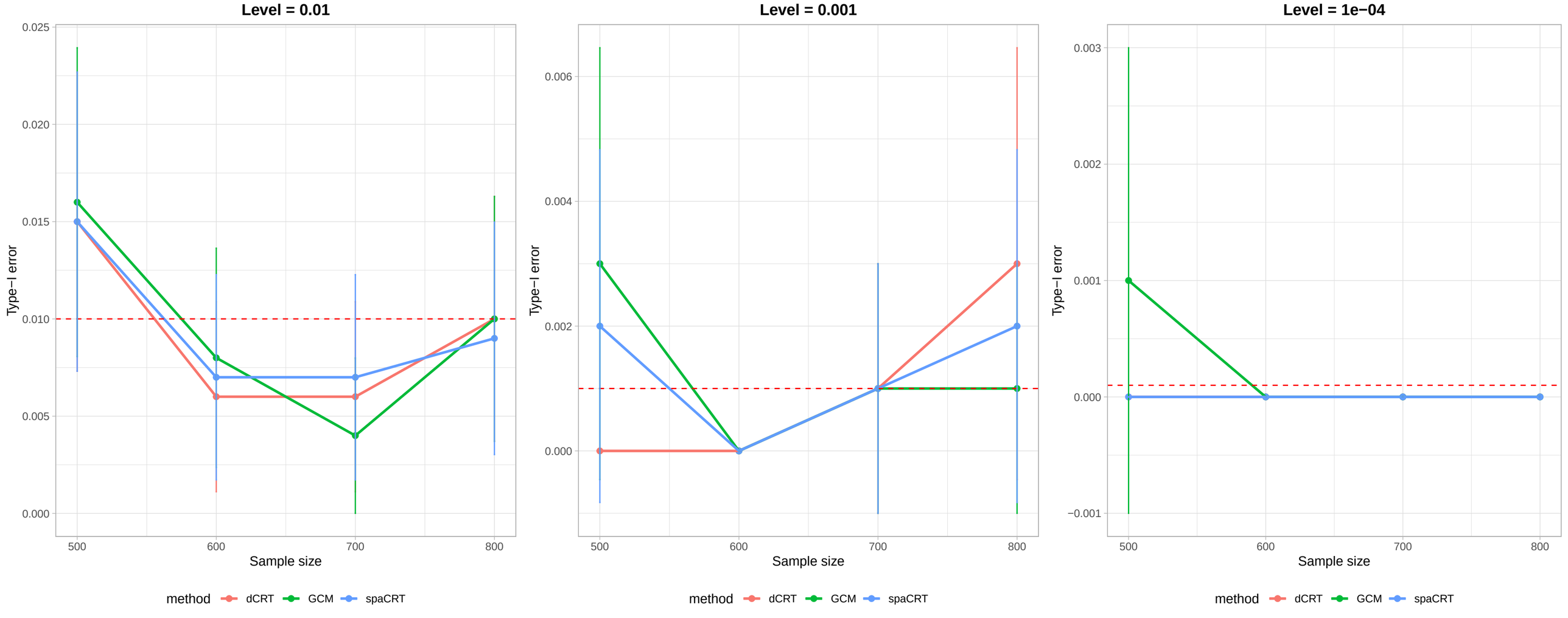
X|Z ~ Bernoulli(expit(−3+Z)), Y|Z ~ Poi(exp(1+Z))



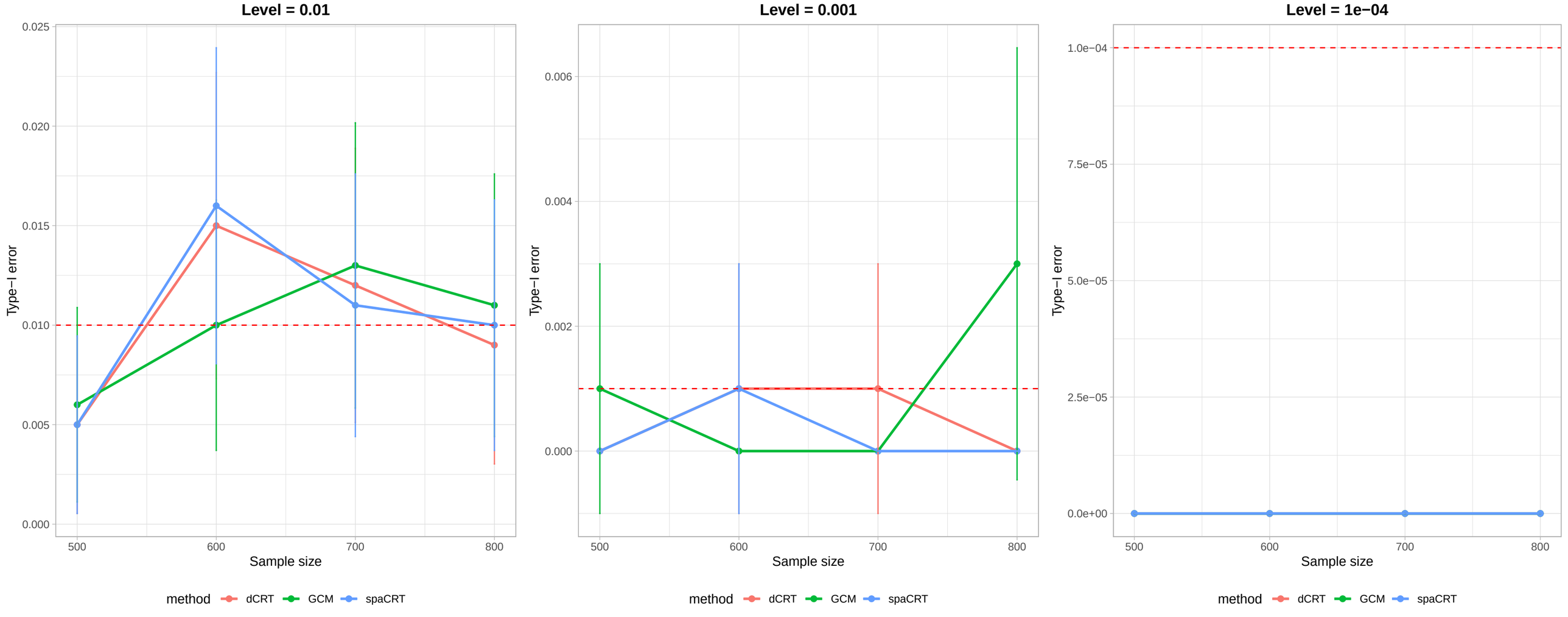
X|Z ~ Bernoulli(expit(−2+Z)), Y|Z ~ Poi(exp(1+Z))



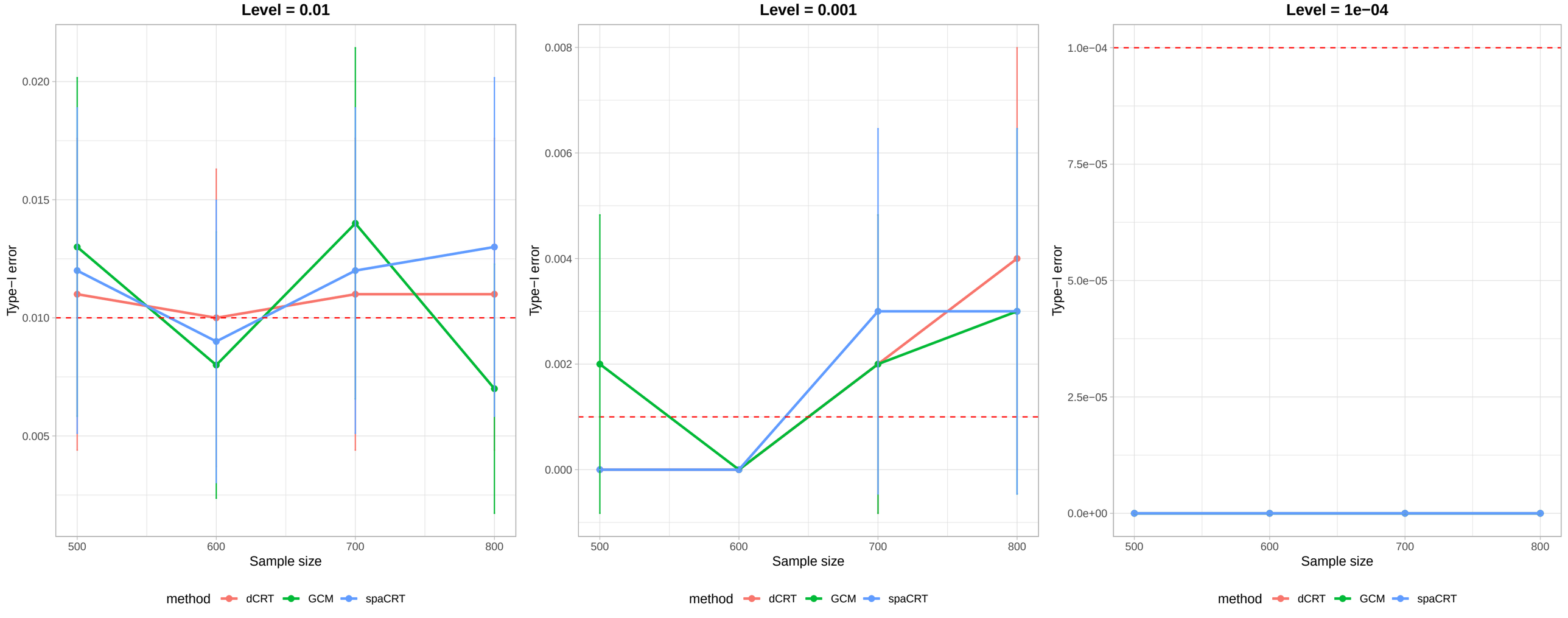
X|Z ~ Bernoulli(expit(−1+Z)), Y|Z ~ Poi(exp(1+Z))



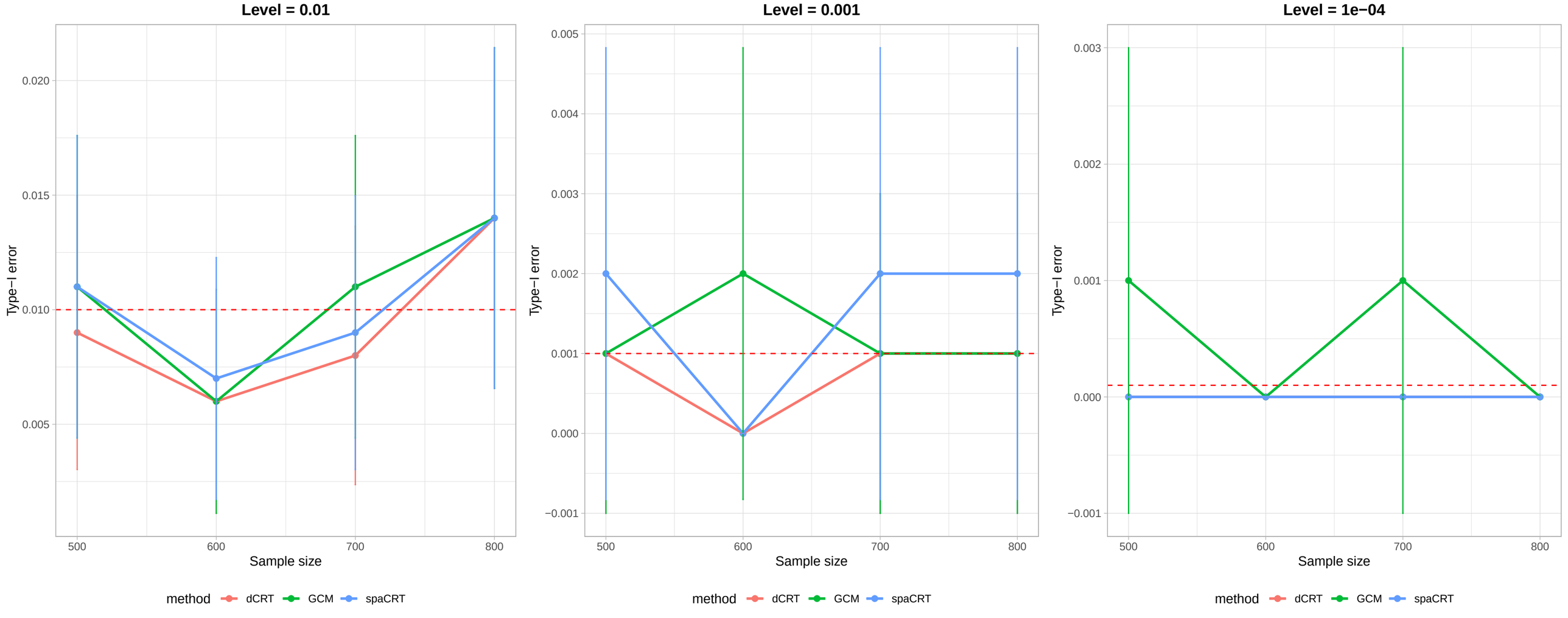
X|Z ~ Bernoulli(expit(0+Z)), Y|Z ~ Poi(exp(1+Z))



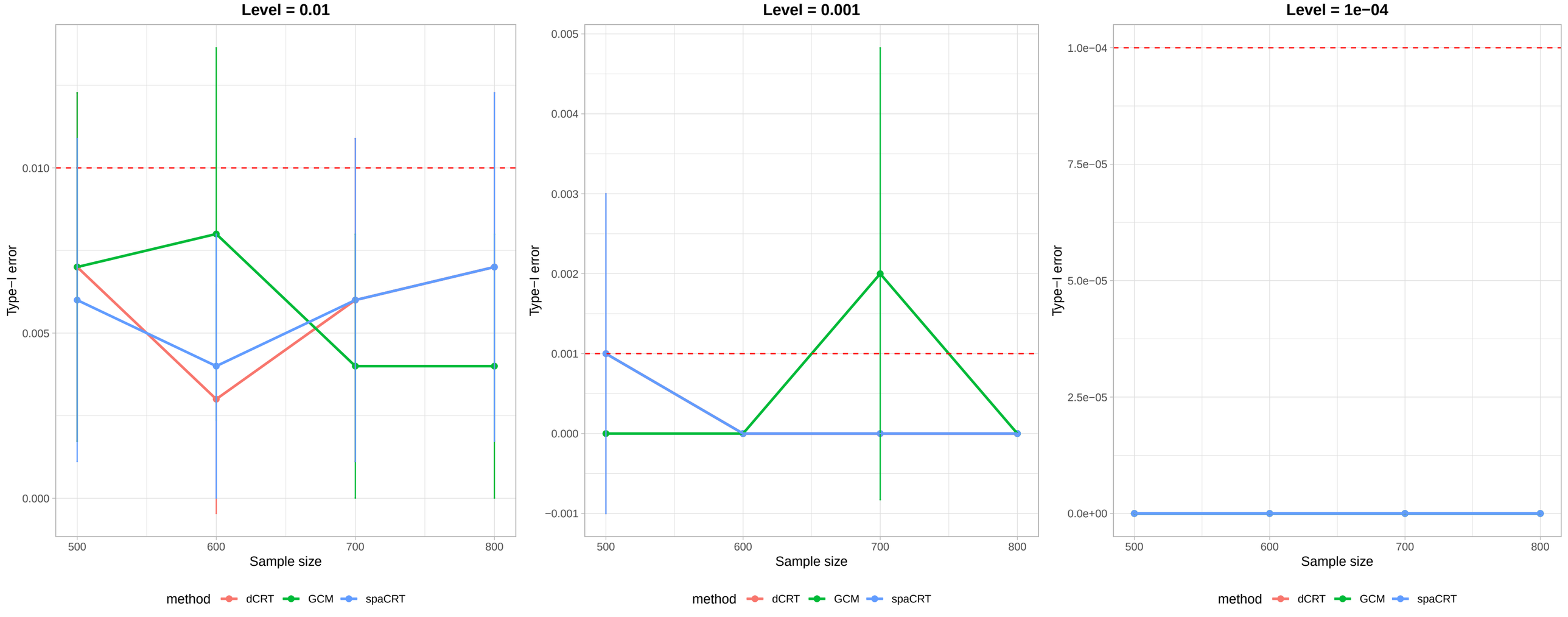
X|Z ~ Bernoulli(expit(1+Z)), Y|Z ~ Poi(exp(1+Z))

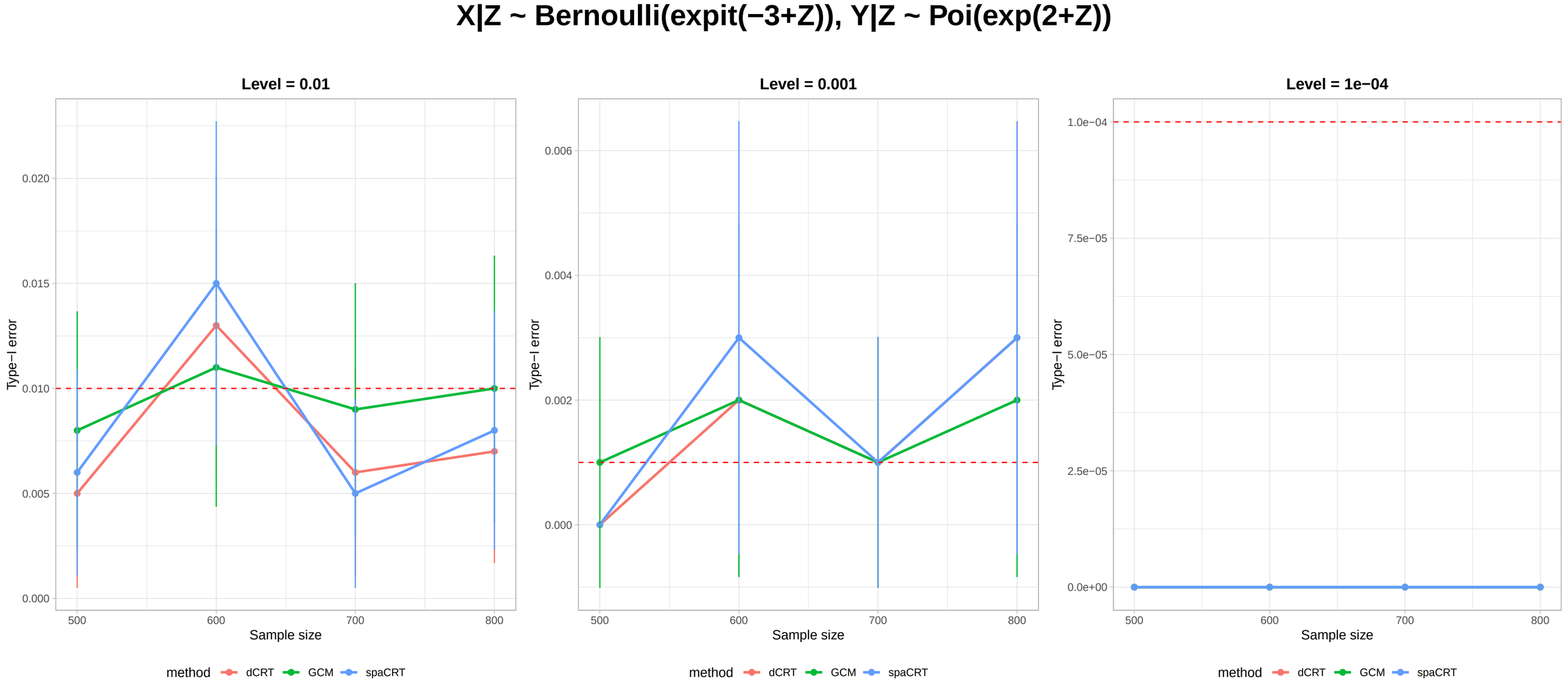


X|Z ~ Bernoulli(expit(2+Z)), Y|Z ~ Poi(exp(1+Z))

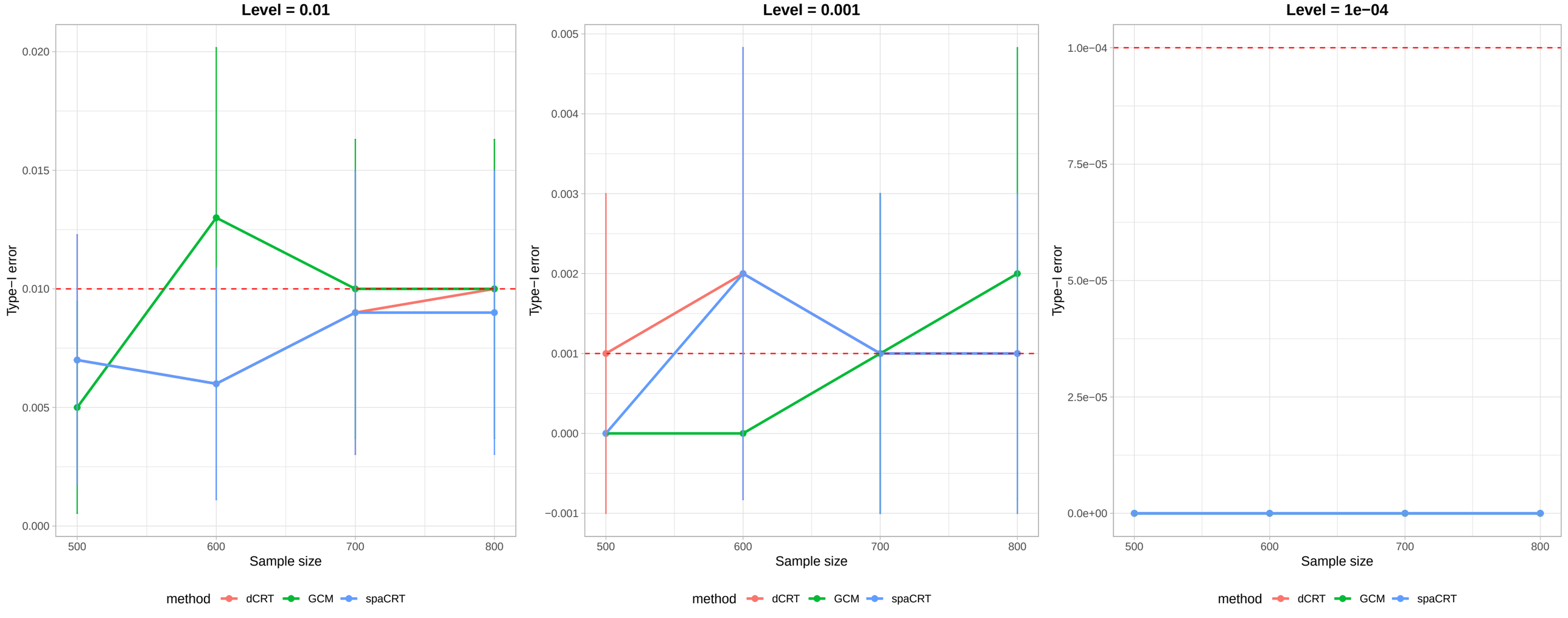


X|Z ~ Bernoulli(expit(3+Z)), Y|Z ~ Poi(exp(1+Z))

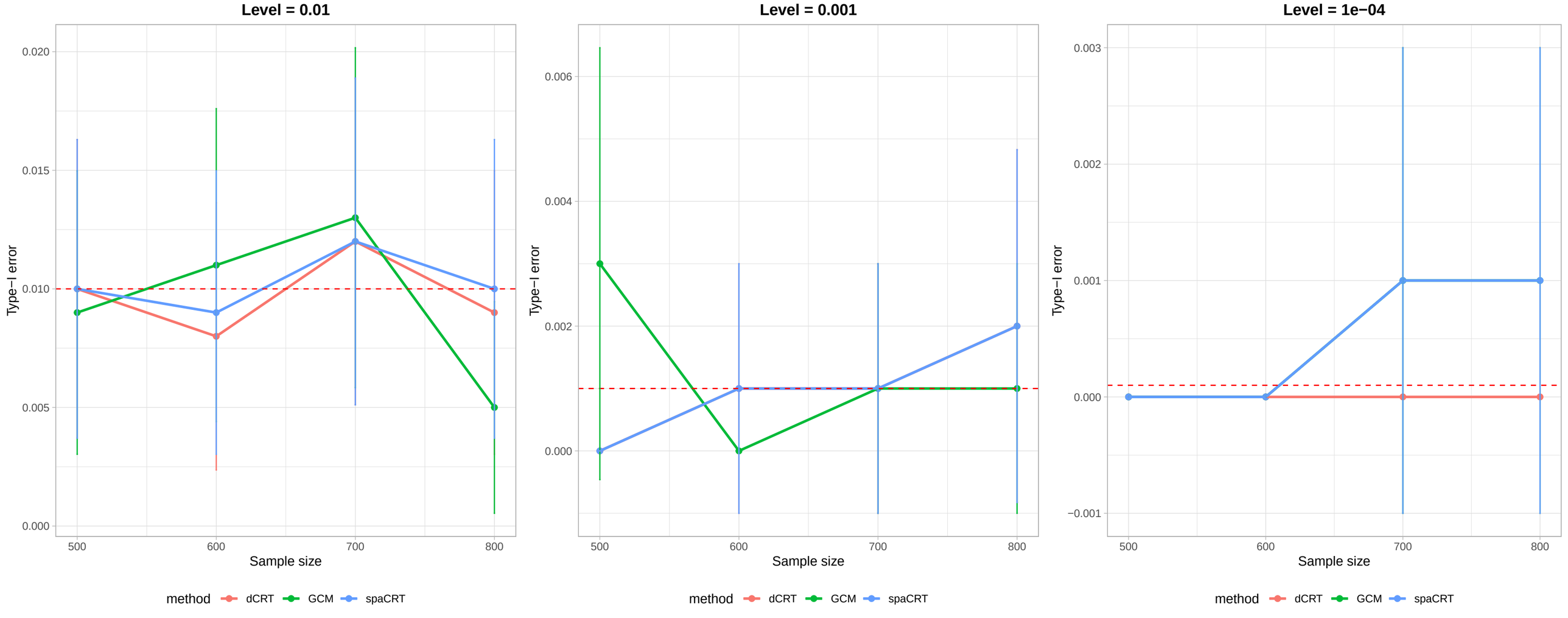



X|Z ~ Bernoulli(expit(−3+Z)), Y|Z ~ Poi(exp(2+Z))
Level = 0.01
Level = 0.001
Level = 1e−04
Type−I error
Sample size
0.020
0.015
0.010
0.005
0.000
0.006
0.004
0.002
1.0e−04
7.5e−05
5.0e−05
2.5e−05
0.0e+00
500
600
700
800
method
dCRT
GCM
spaCRT

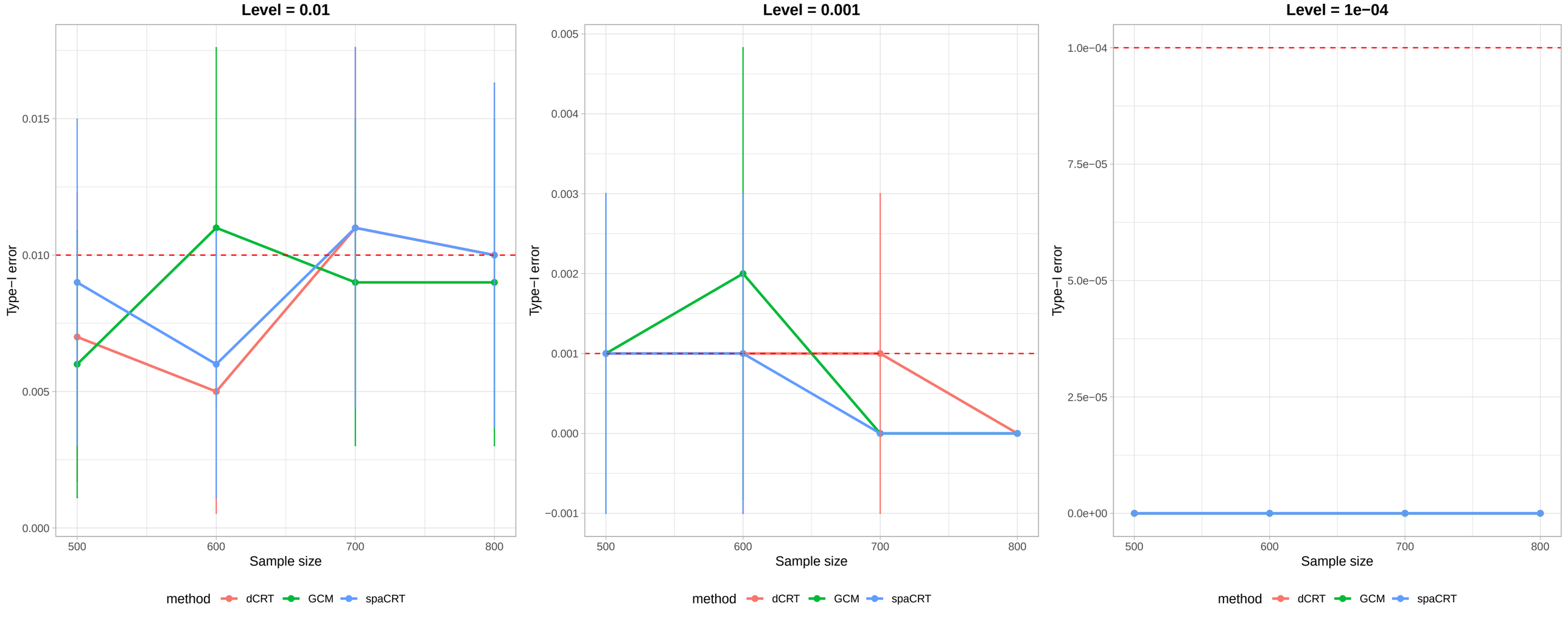
X|Z ~ Bernoulli(expit(−2+Z)), Y|Z ~ Poi(exp(2+Z))



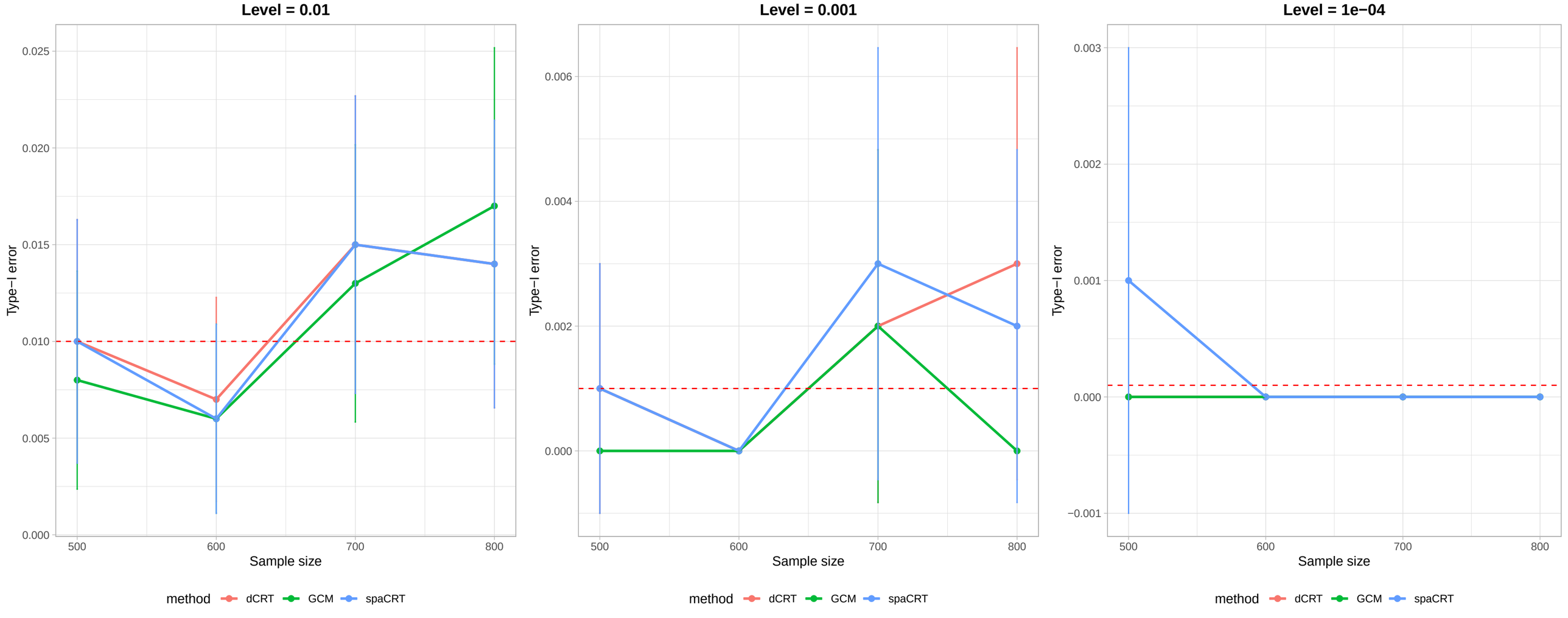
X|Z ~ Bernoulli(expit(−1+Z)), Y|Z ~ Poi(exp(2+Z))



X|Z ~ Bernoulli(expit(0+Z)), Y|Z ~ Poi(exp(2+Z))



X|Z ~ Bernoulli(expit(1+Z)), Y|Z ~ Poi(exp(2+Z))



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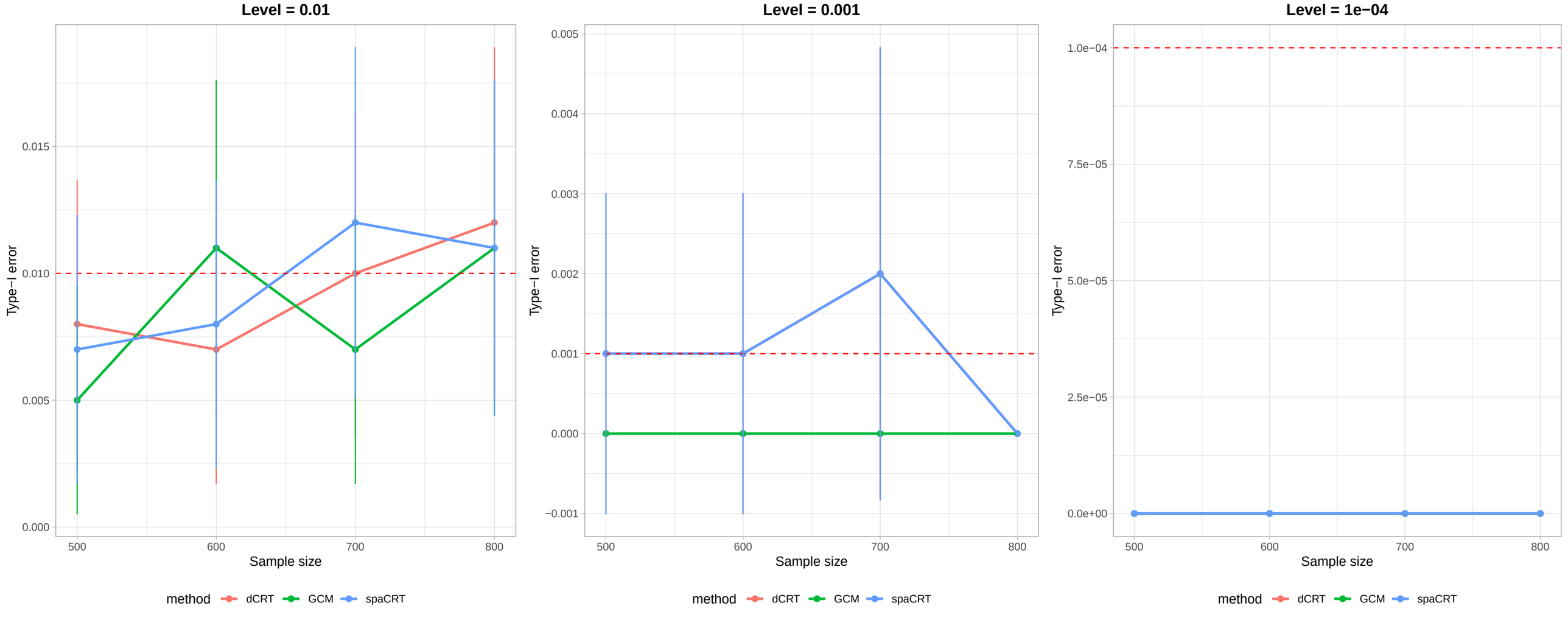
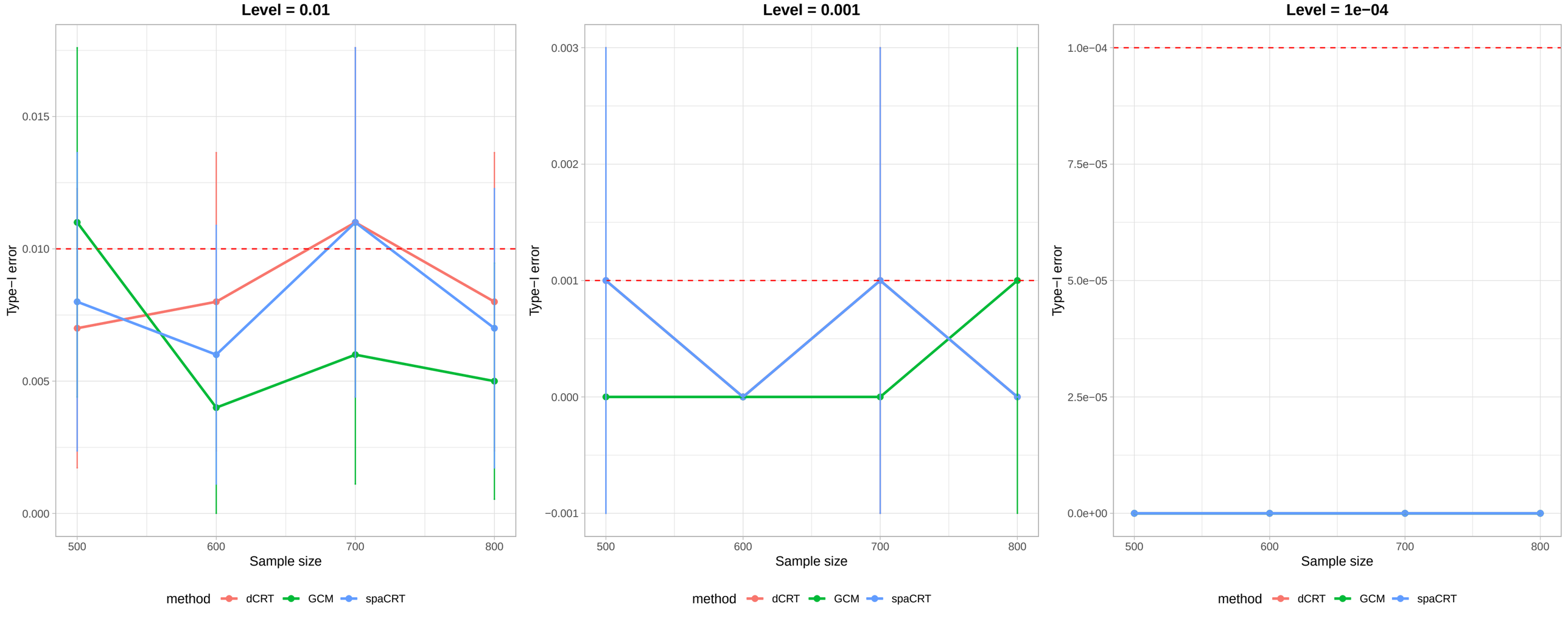
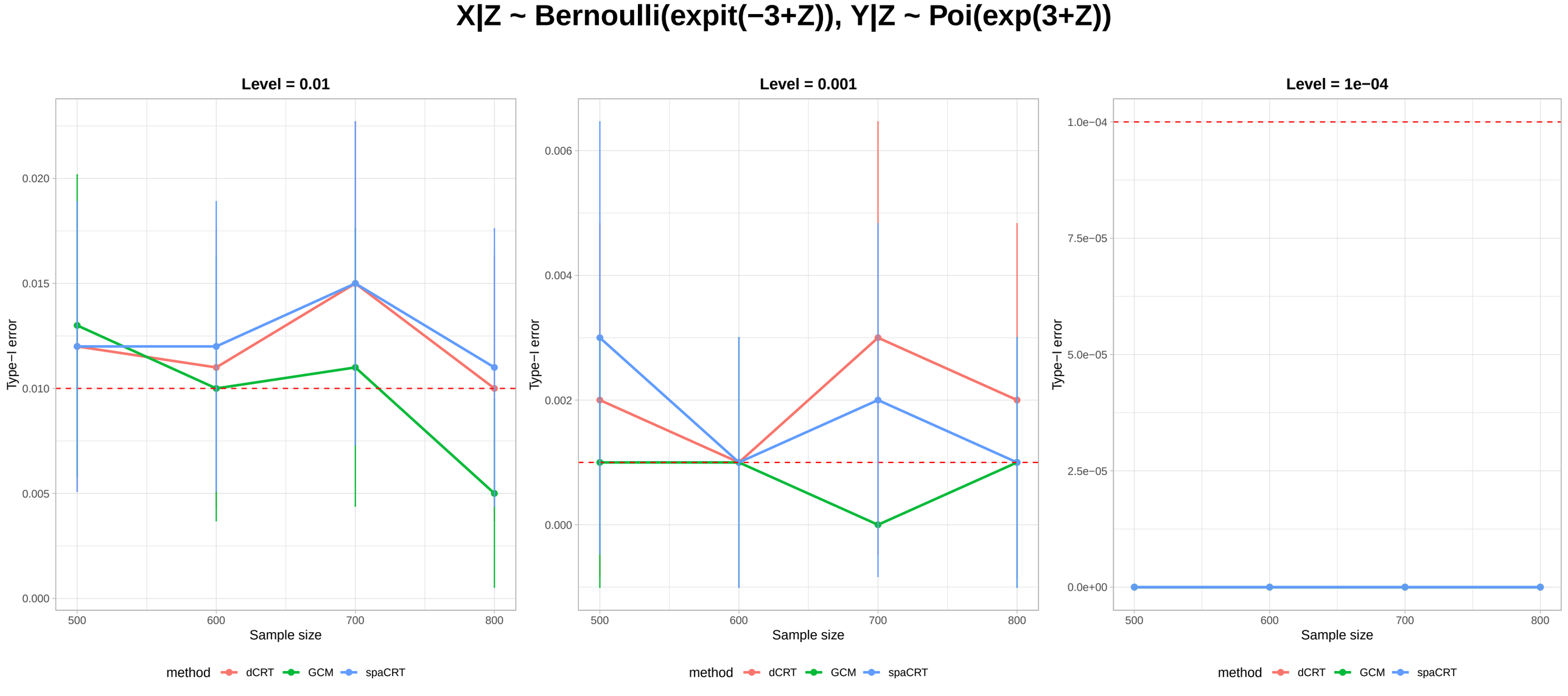
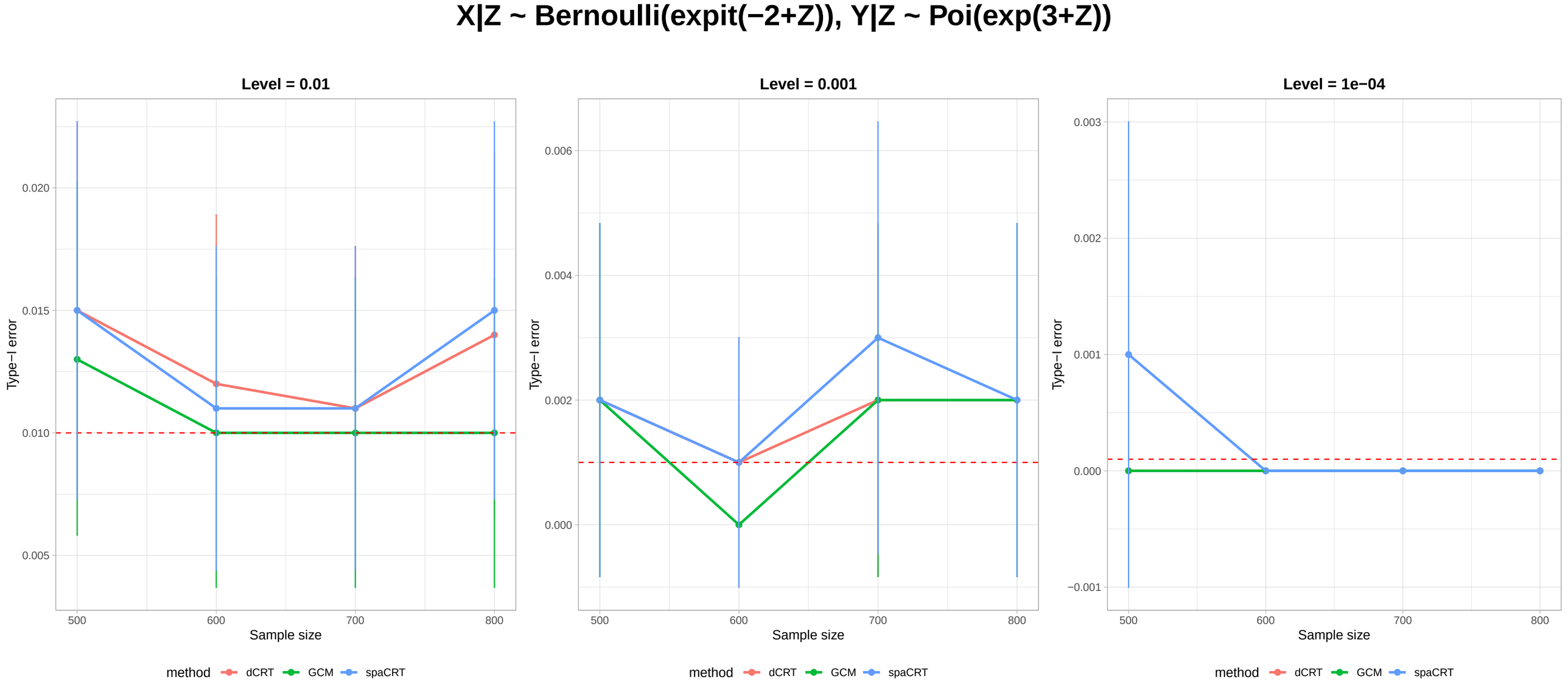


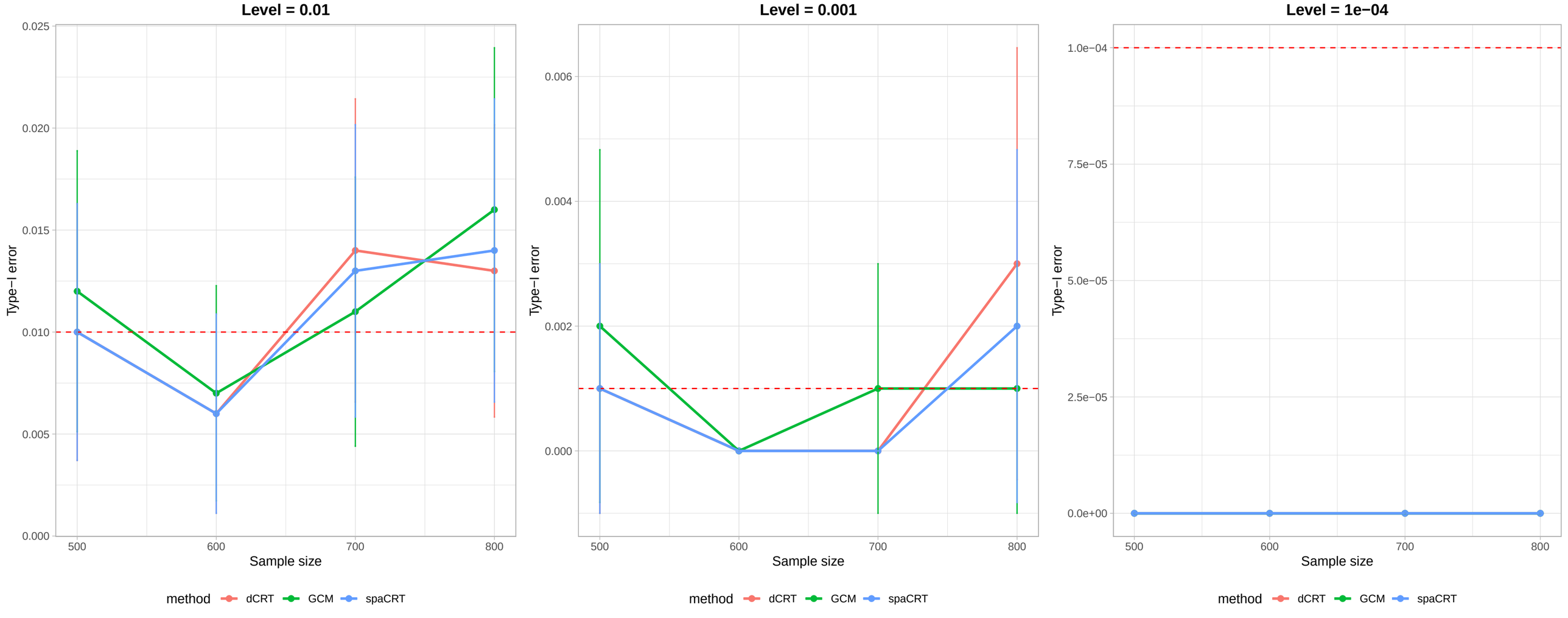
X|Z ~ Bernoulli(expit(3+Z)), Y|Z ~ Poi(exp(2+Z))



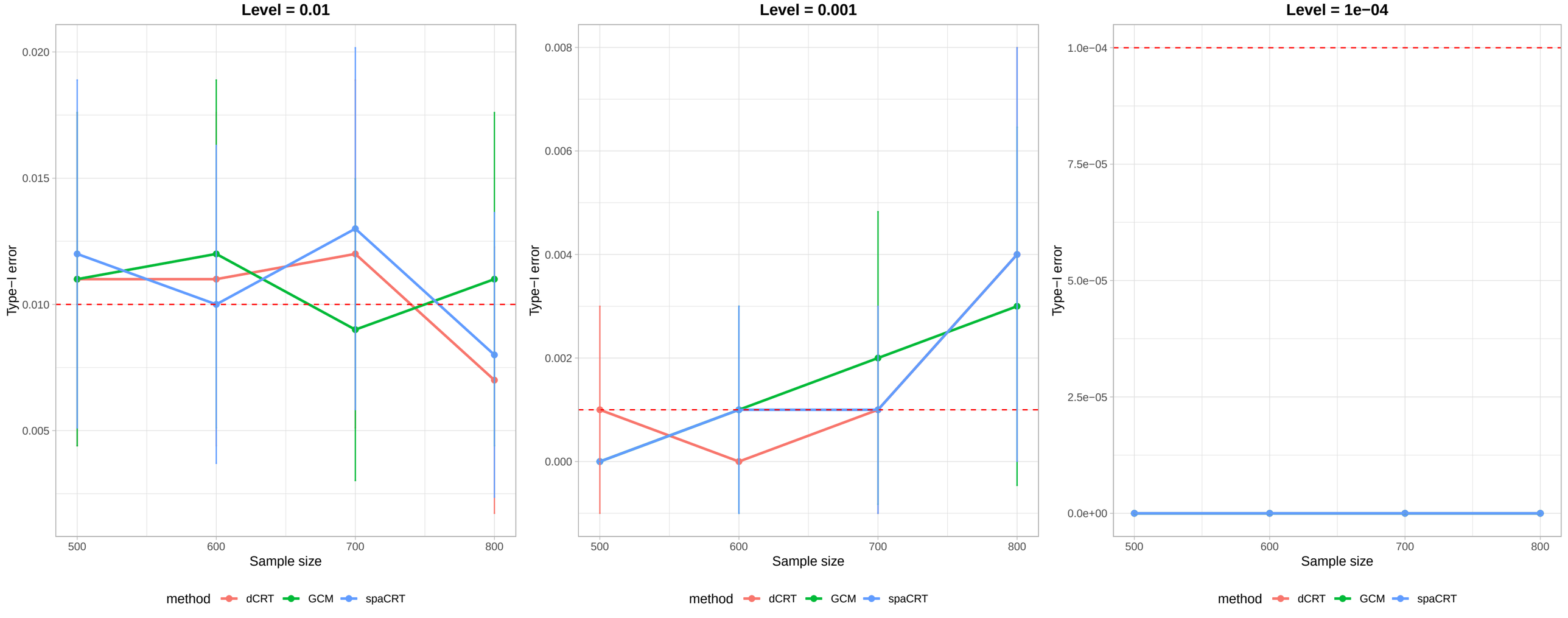

X|Z ~ Bernoulli(expit(−3+Z)), Y|Z ~ Poi(exp(3+Z))
Level = 0.01
Level = 0.001
Level = 1e−04
Type−I error
Sample size
0.020
0.015
0.010
0.005
0.000
0.006
0.004
0.002
1.0e−04
7.5e−05
5.0e−05
2.5e−05
0.0e+00
500
600
700
800
method
dCRT
GCM
spaCRT


X|Z ~ Bernoulli(expit(−2+Z)), Y|Z ~ Poi(exp(3+Z))
Level = 0.01
Level = 0.001
Level = 1e−04
Type−I error
Sample size
0.020
0.015
0.010
0.005
0.006
0.004
0.002
0.000
0.003
0.001
−0.001
500
600
700
800
method
dCRT
GCM
spaCRT

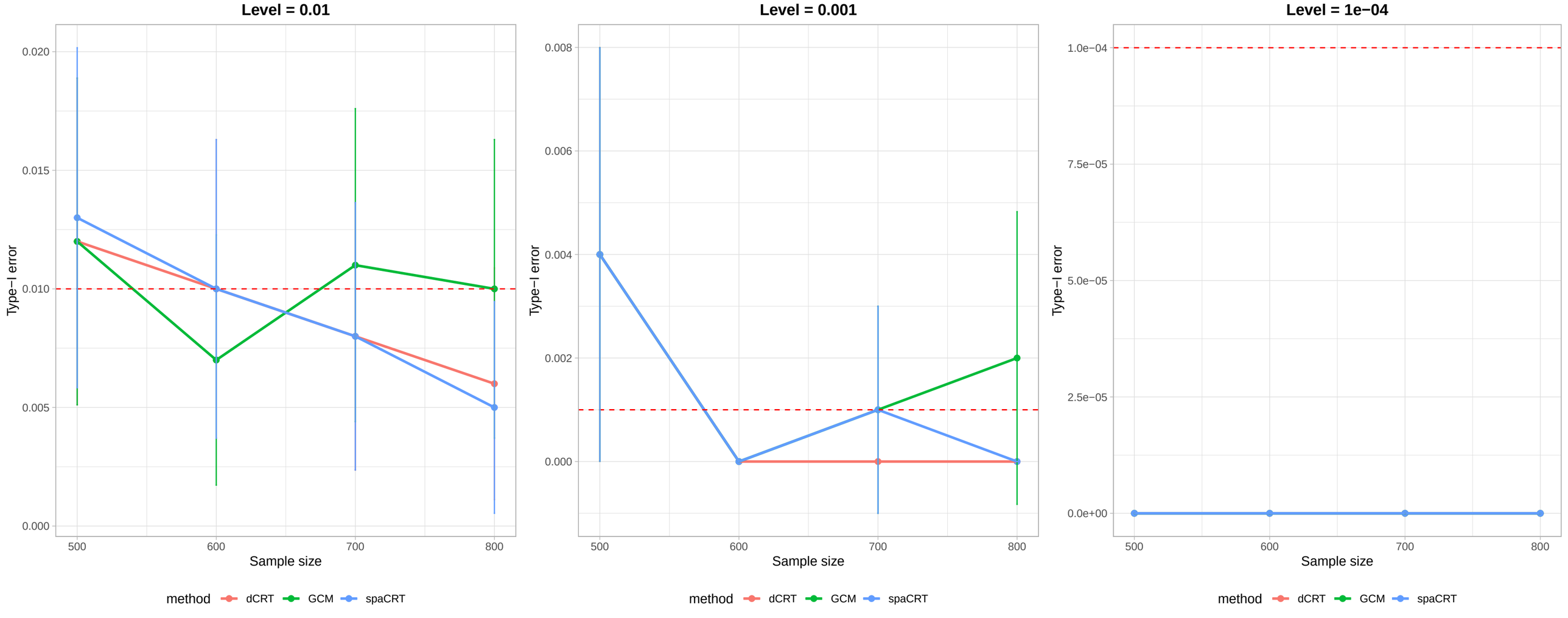
X|Z ~ Bernoulli(expit(−1+Z)), Y|Z ~ Poi(exp(3+Z))



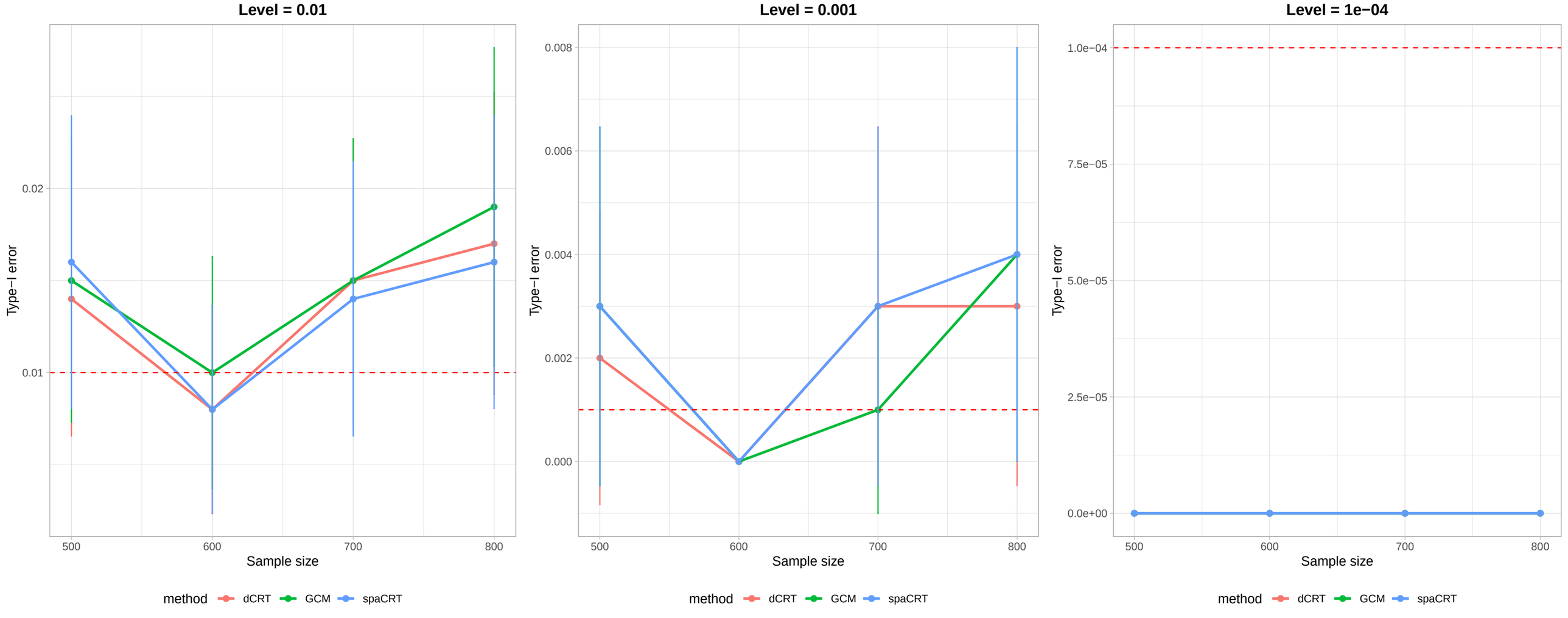
X|Z ~ Bernoulli(expit(0+Z)), Y|Z ~ Poi(exp(3+Z))



X|Z ~ Bernoulli(expit(1+Z)), Y|Z ~ Poi(exp(3+Z))



X|Z ~ Bernoulli(expit(2+Z)), Y|Z ~ Poi(exp(3+Z))



X|Z ~ Bernoulli(expit(3+Z)), Y|Z ~ Poi(exp(3+Z))