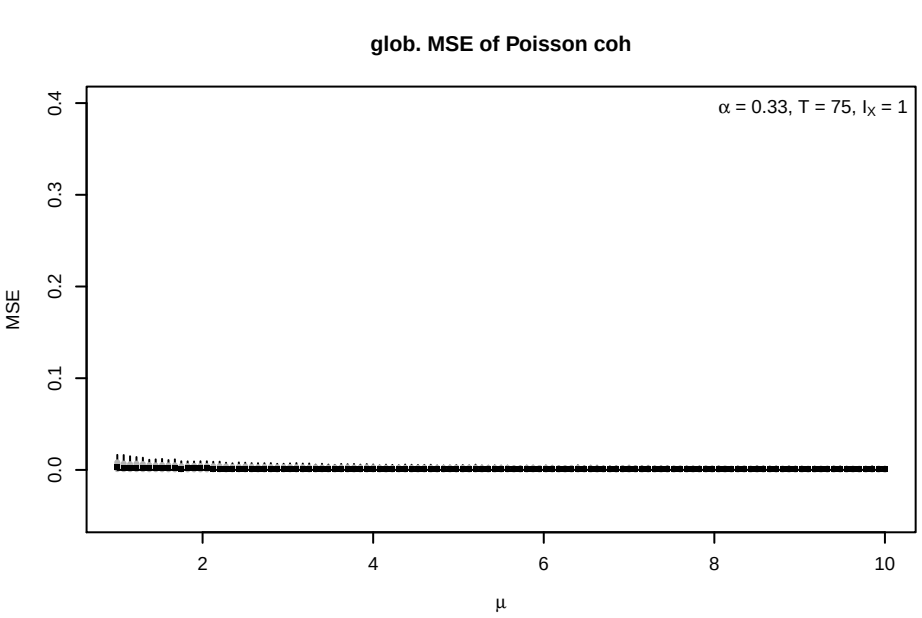
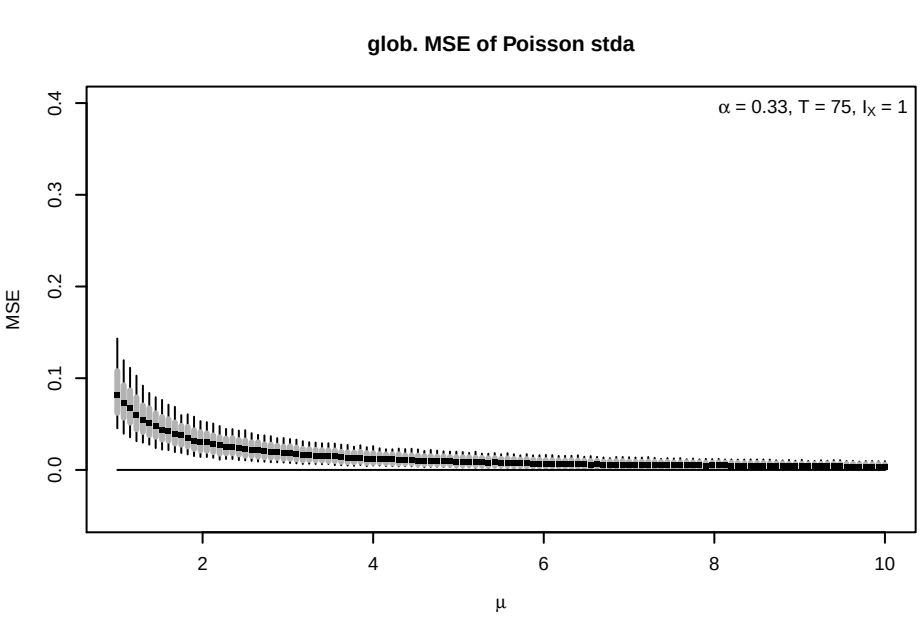
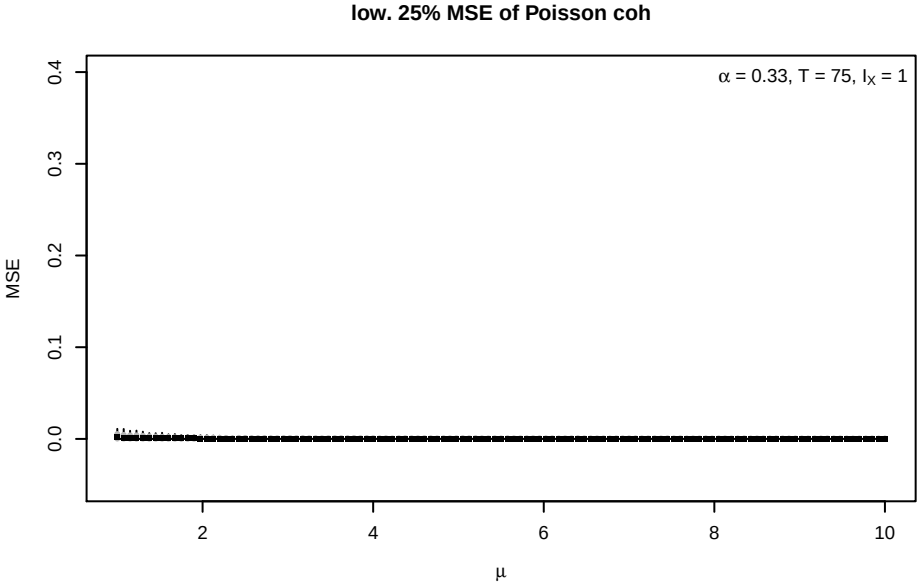
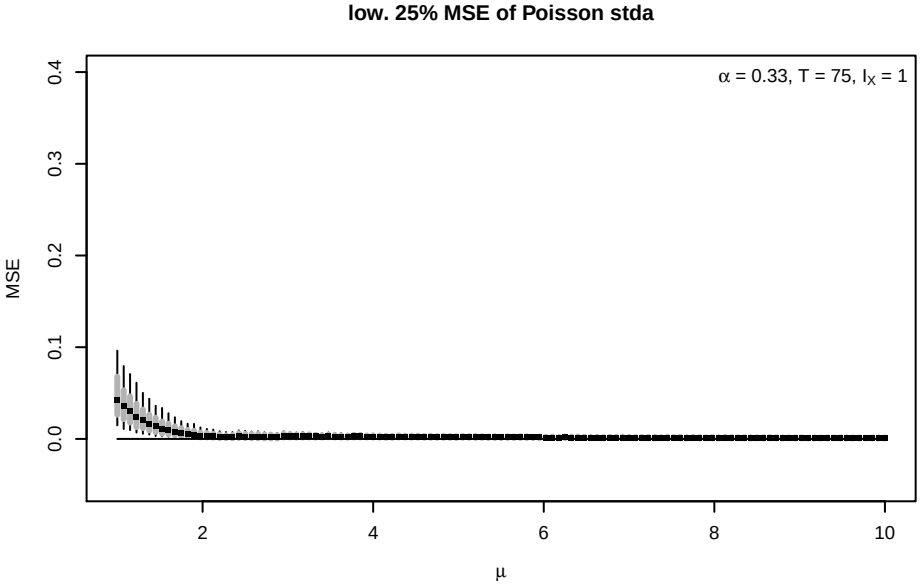
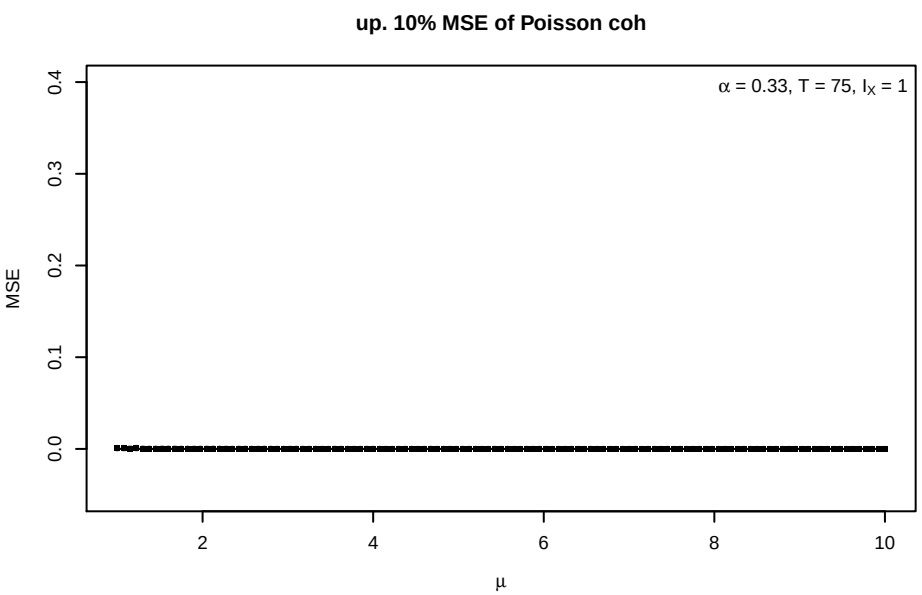
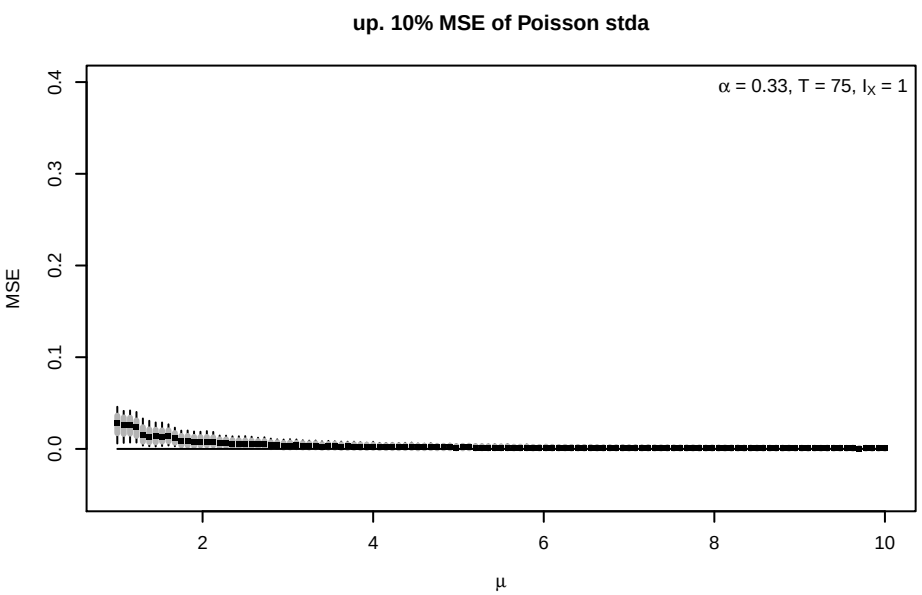

glob. MSE of Poisson coh
α = 0.33, T = 75, I_X = 1
MSE
μ

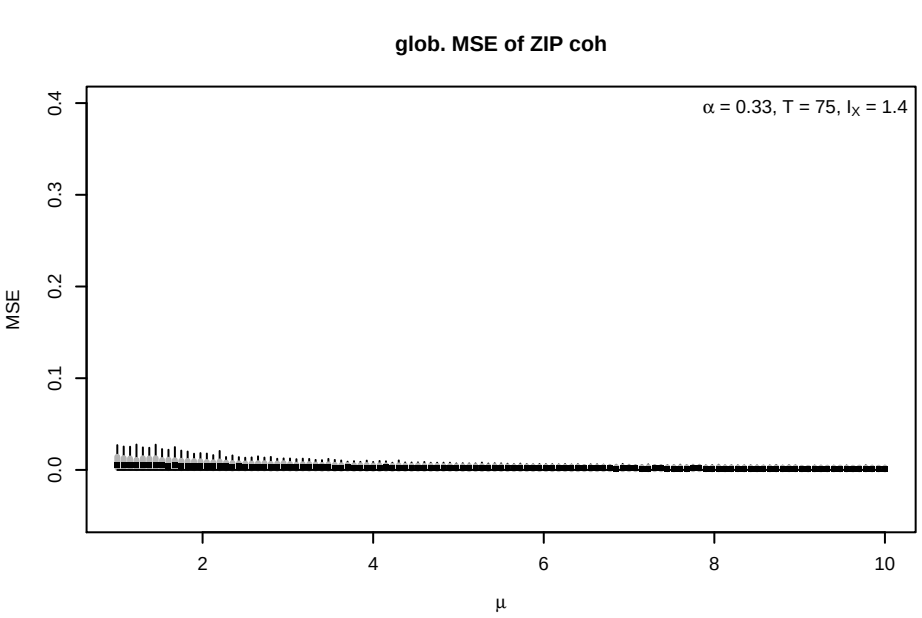

glob. MSE of Poisson stda
α = 0.33, T = 75, I_X = 1
MSE
μ

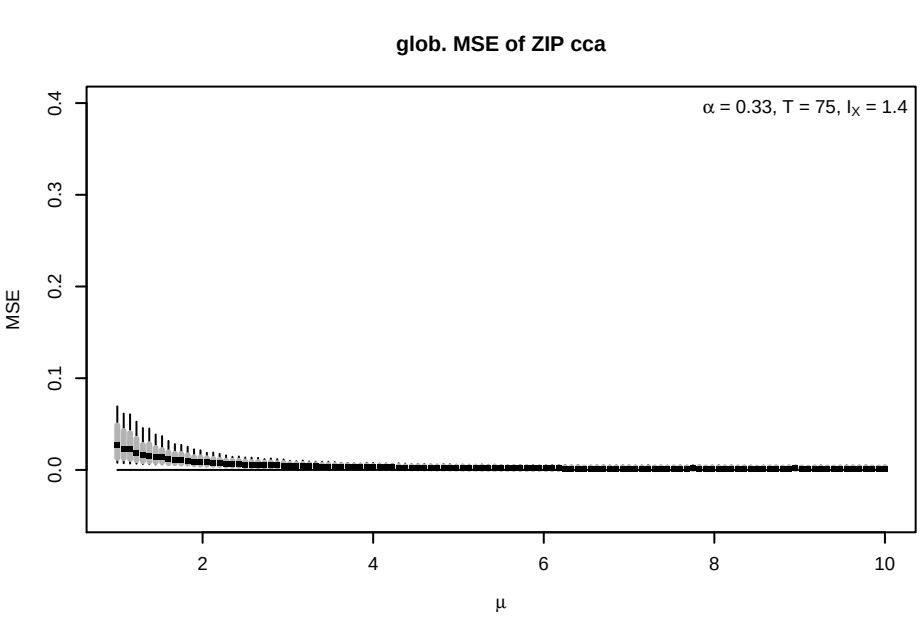

low. 25% MSE of Poisson coh
α = 0.33, T = 75, I_X = 1
MSE
μ

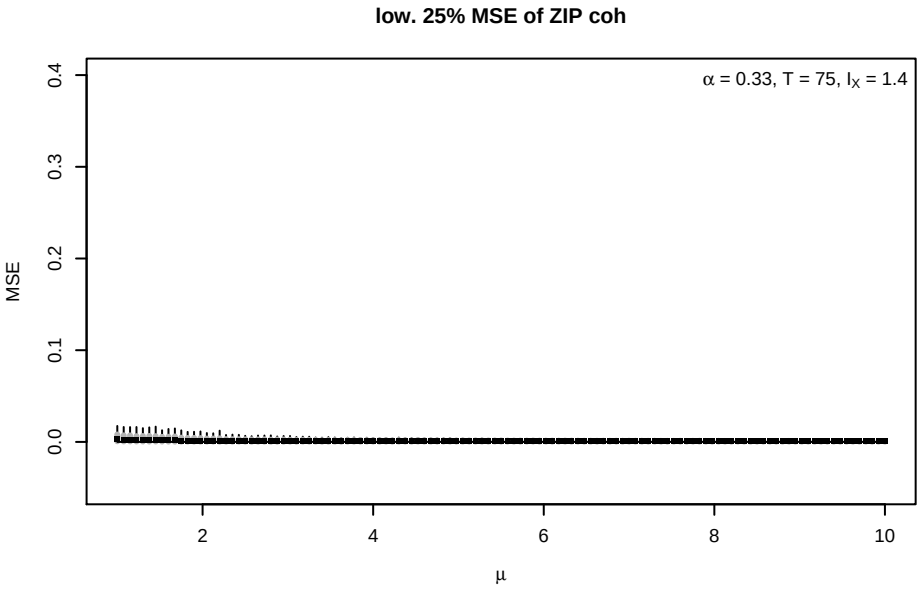

low. 25% MSE of Poisson stda
α = 0.33, T = 75, I_X = 1
MSE
μ

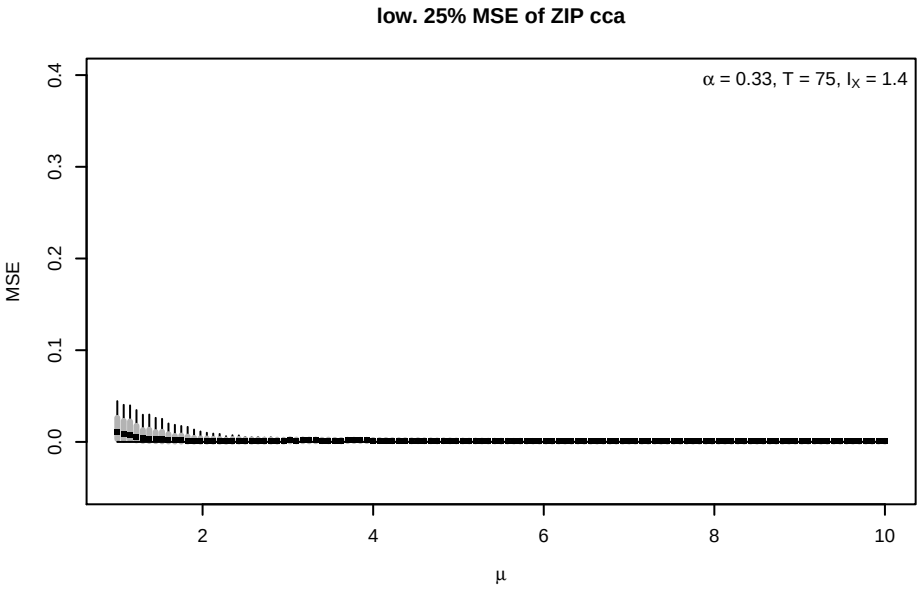

up. 10% MSE of Poisson coh
α = 0.33, T = 75, I_X = 1
MSE
μ

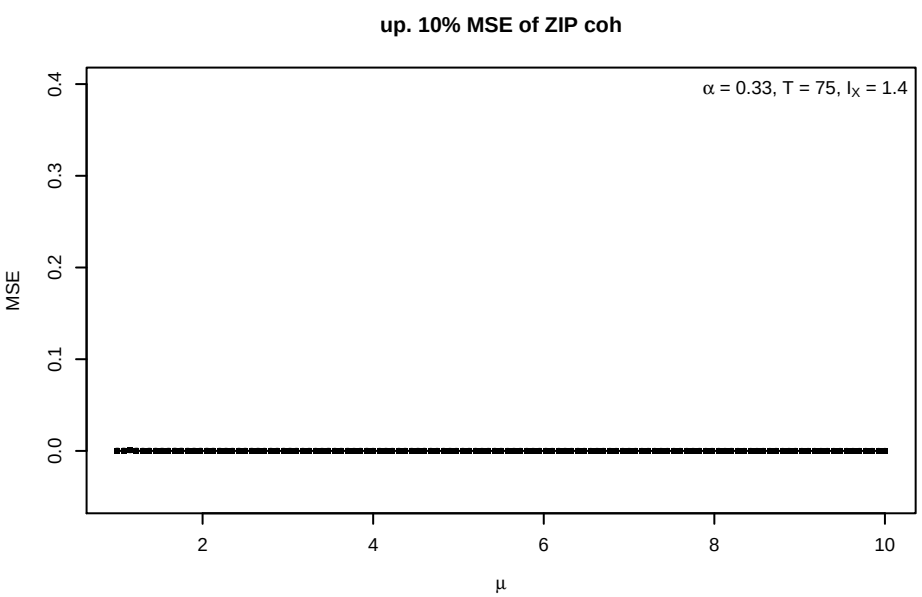

up. 10% MSE of Poisson stda
α = 0.33, T = 75, I_X = 1
MSE
μ

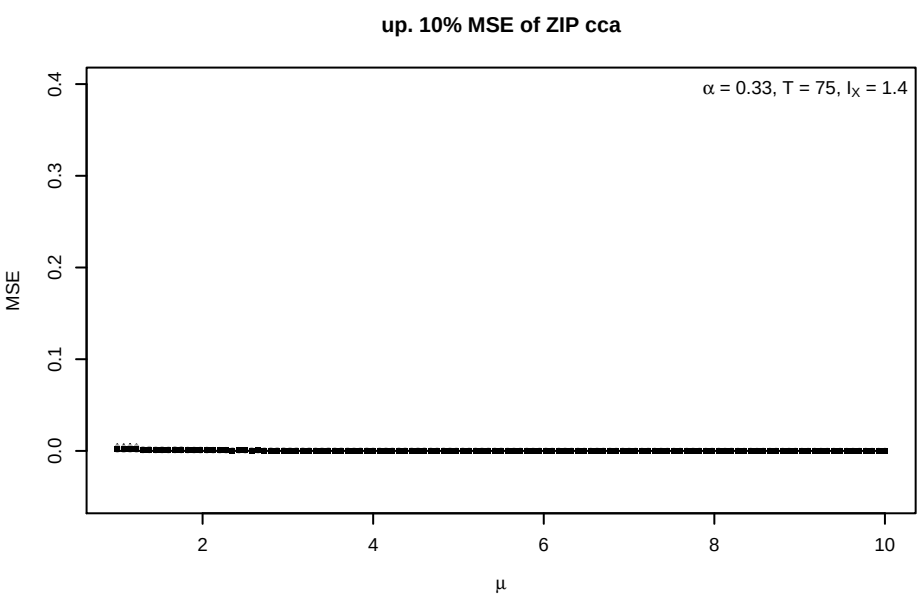

glob. MSE of ZIP coh
α = 0.33, T = 75, I_X = 1.4
MSE
0.0
0.1
0.2
0.3
0.4
2
4
6
8
10
μ

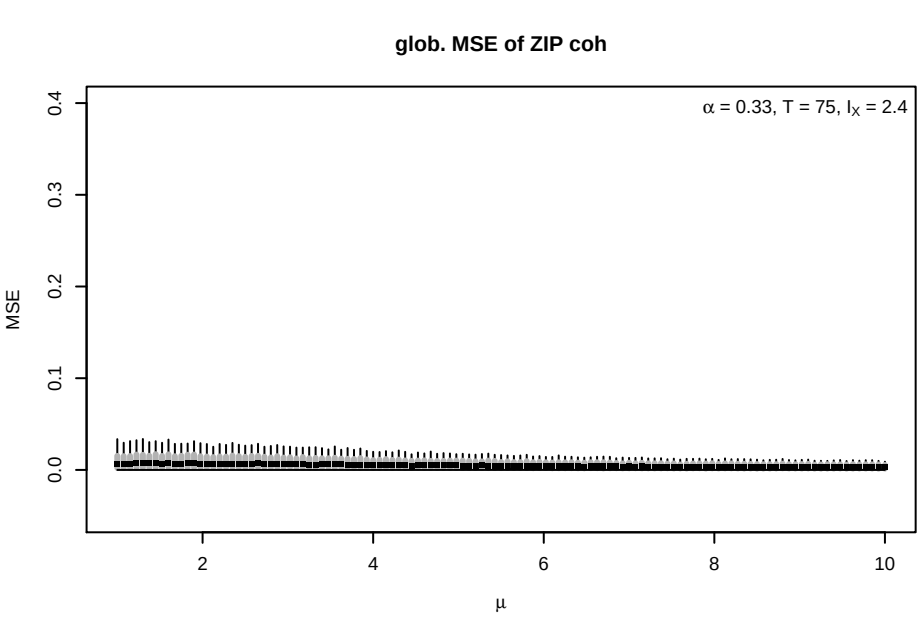

glob. MSE of ZIP cca
α = 0.33, T = 75, I_X = 1.4
MSE
0.0
0.1
0.2
0.3
0.4
2
4
6
8
10
μ


low. 25% MSE of ZIP coh
α = 0.33, T = 75, I_X = 1.4
MSE
0.0
0.1
0.2
0.3
0.4
2
4
6
8
10
μ


low. 25% MSE of ZIP cca
α = 0.33, T = 75, I_X = 1.4
MSE
0.0
0.1
0.2
0.3
0.4
2
4
6
8
10
μ


up. 10% MSE of ZIP coh
α = 0.33, T = 75, I_X = 1.4
MSE
0.0
0.1
0.2
0.3
0.4
2
4
6
8
10
μ


up. 10% MSE of ZIP cca
α = 0.33, T = 75, I_X = 1.4
MSE
0.0
0.1
0.2
0.3
0.4
2
4
6
8
10
μ


glob. MSE of ZIP coh
α = 0.33, T = 75, I_X = 2.4
MSE
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0.1
0.2
0.3
0.4
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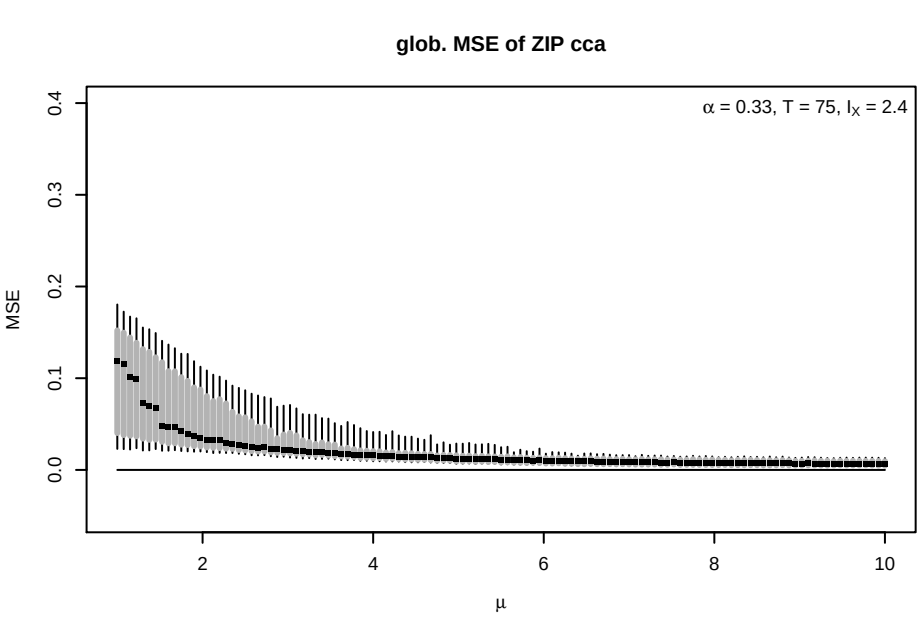
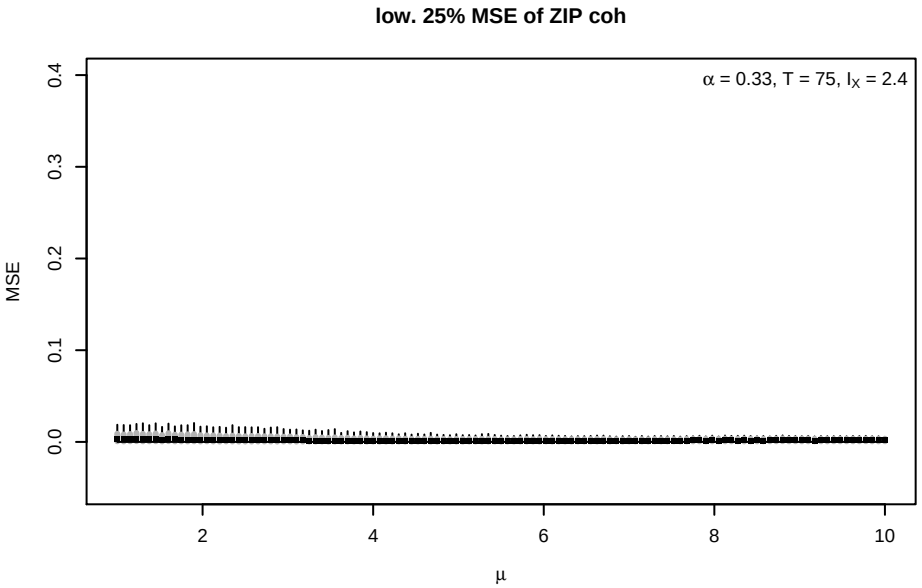
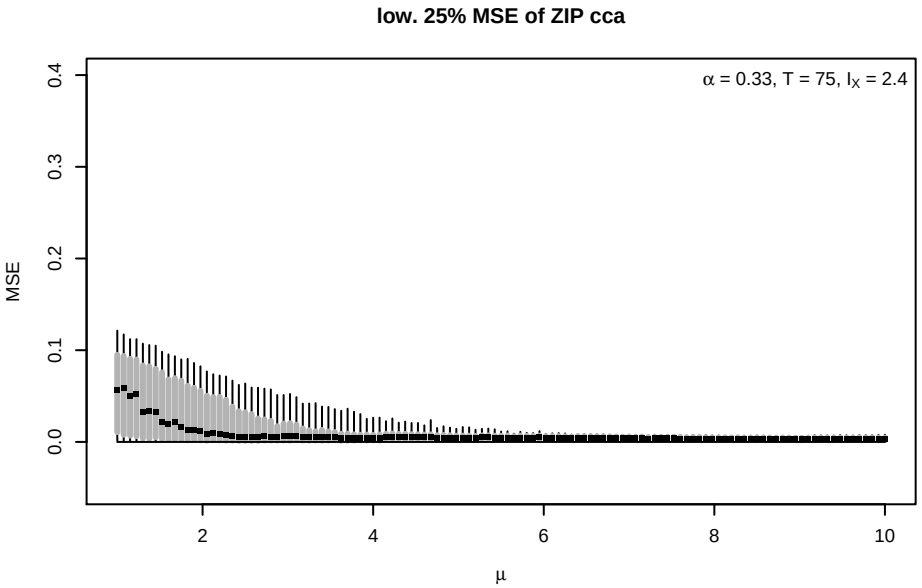
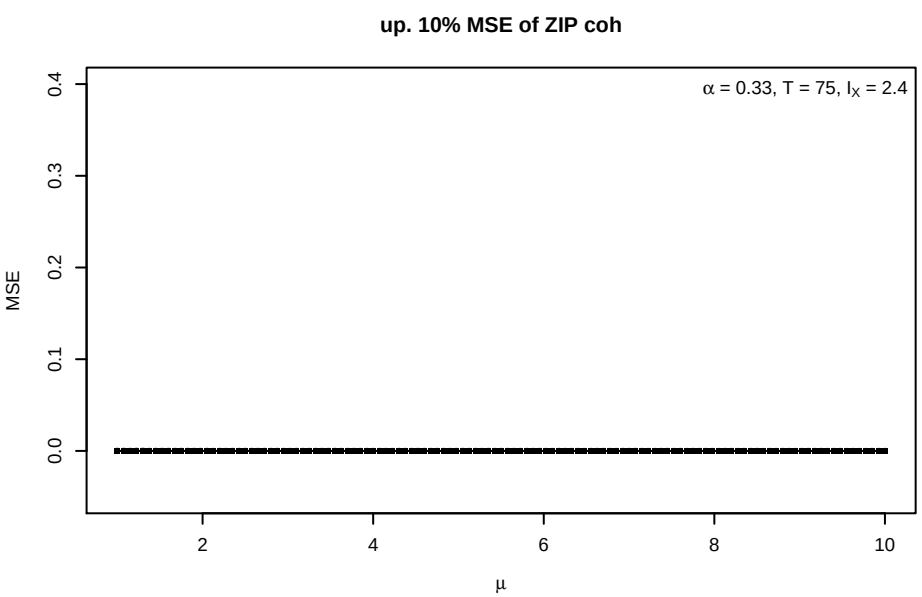
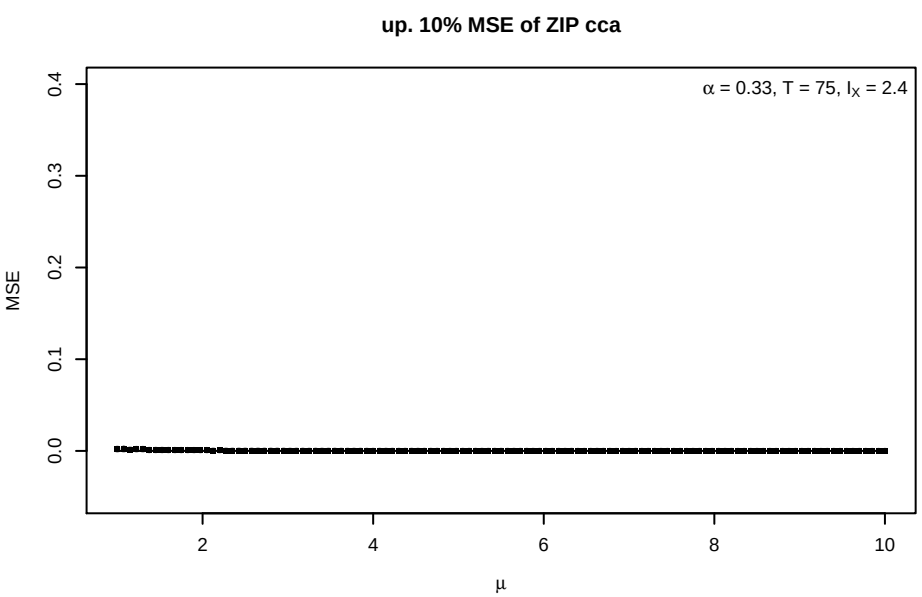
4
6
8
10
μ

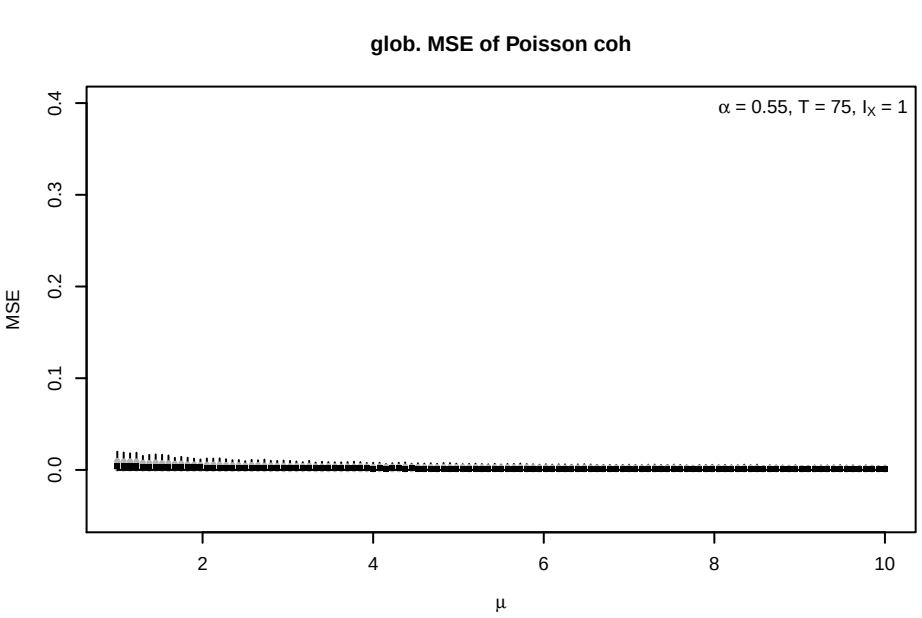

glob. MSE of ZIP cca
α = 0.33, T = 75, I_X = 2.4
MSE
0.0
0.1
0.2
0.3
0.4
2
4
6
8
10
μ

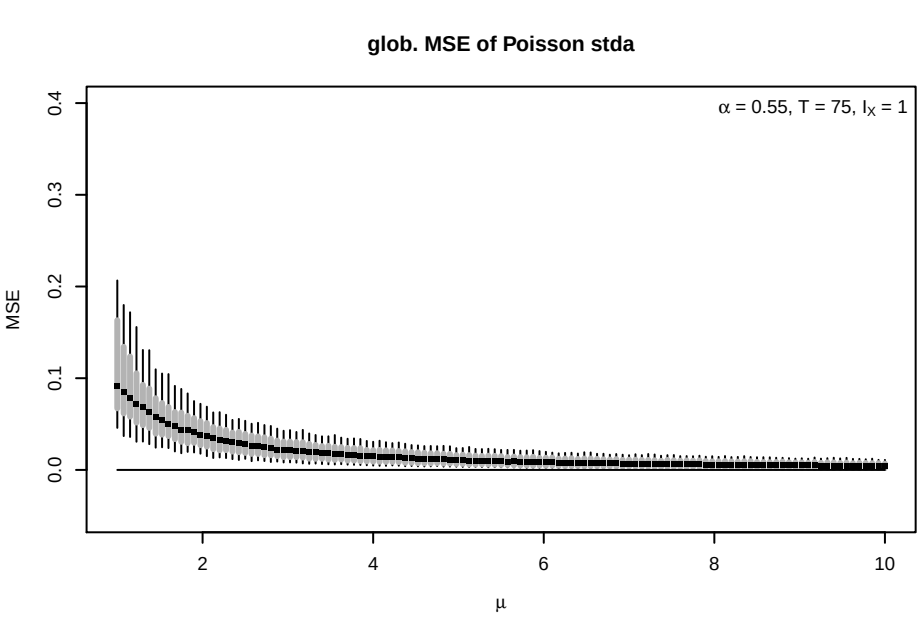

low. 25% MSE of ZIP coh
α = 0.33, T = 75, I_X = 2.4
MSE
0.0
0.1
0.2
0.3
0.4
2
4
6
8
10
μ

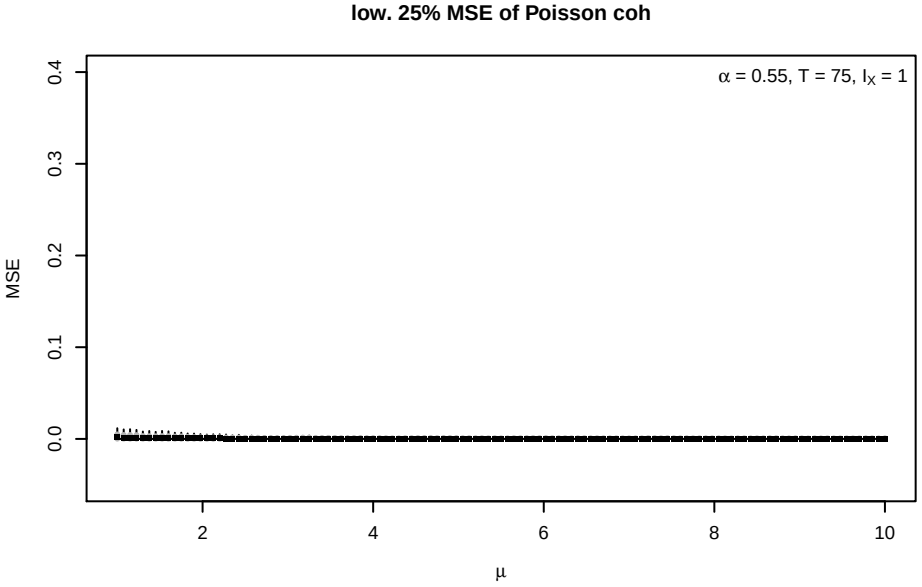

low. 25% MSE of ZIP cca
α = 0.33, T = 75, I_X = 2.4
MSE
0.0
0.1
0.2
0.3
0.4
2
4
6
8
10
μ

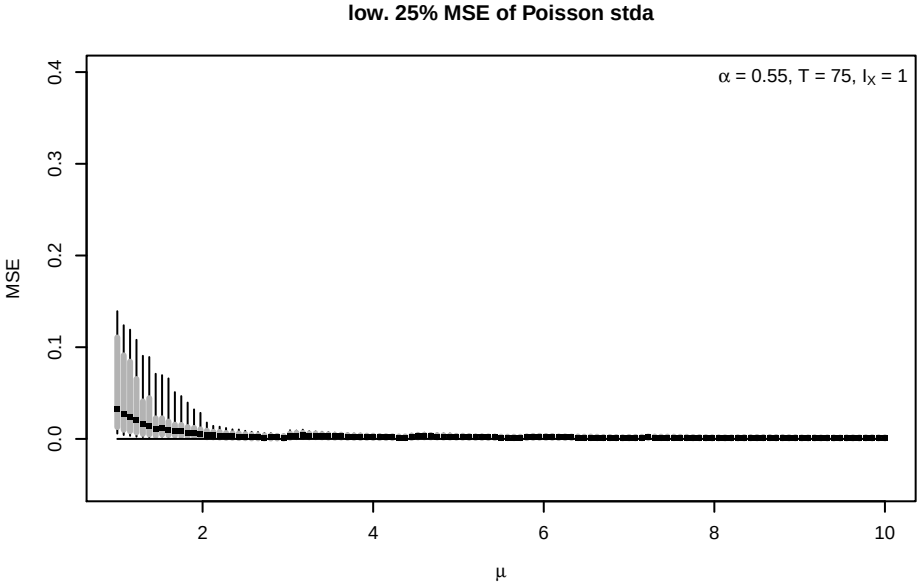

up. 10% MSE of ZIP coh
α = 0.33, T = 75, I_X = 2.4
MSE
0.0
0.1
0.2
0.3
0.4
2
4
6
8
10
μ

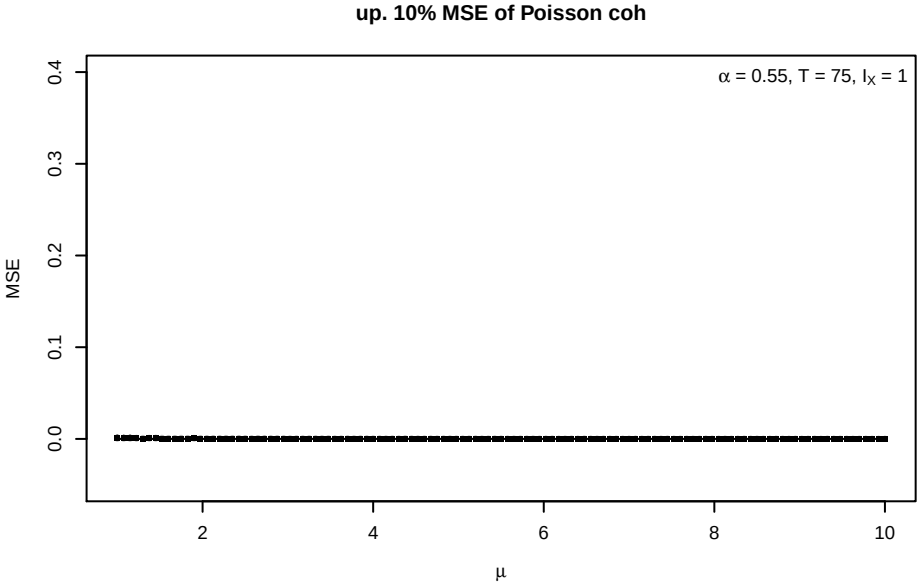

up. 10% MSE of ZIP cca
α = 0.33, T = 75, I_X = 2.4
MSE
0.0
0.1
0.2
0.3
0.4
2
4
6
8
10
μ

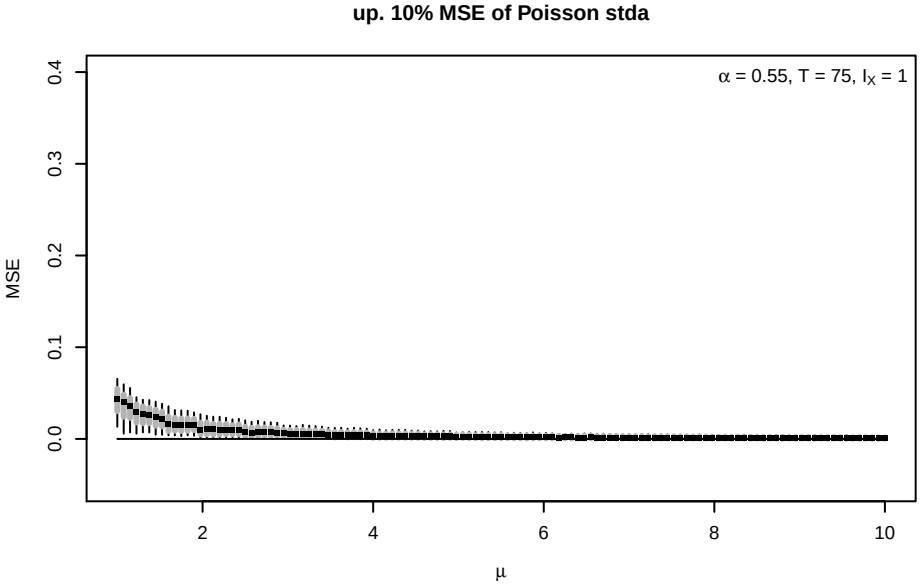

glob. MSE of Poisson coh
α = 0.55, T = 75, I_X = 1
MSE
μ

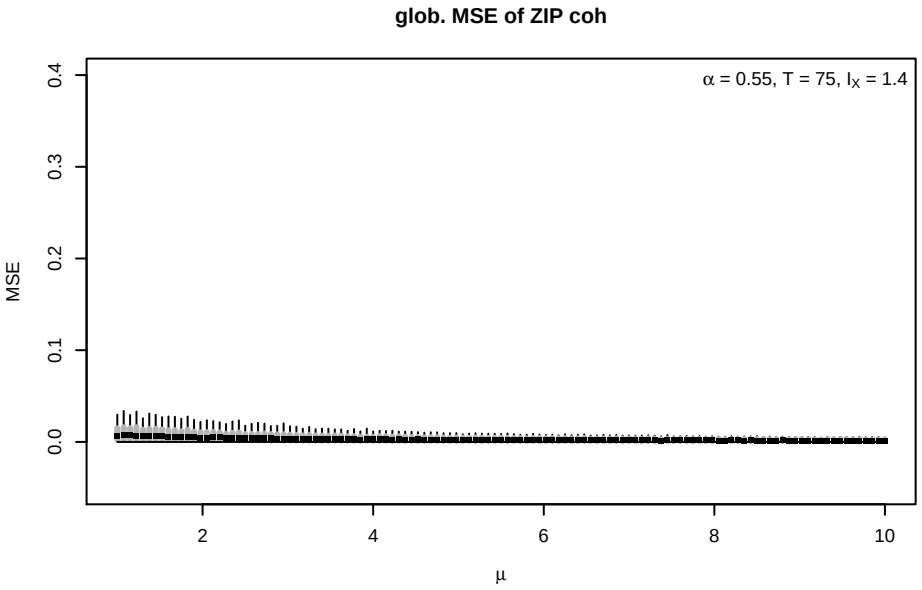

glob. MSE of Poisson stda
α = 0.55, T = 75, I_X = 1
MSE
μ

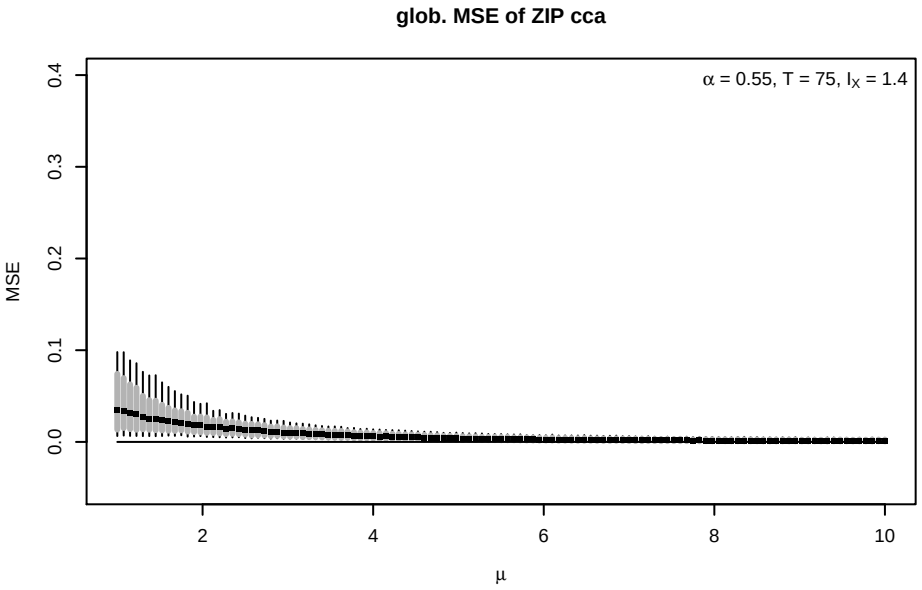

low. 25% MSE of Poisson coh
α = 0.55, T = 75, I_X = 1
MSE
μ

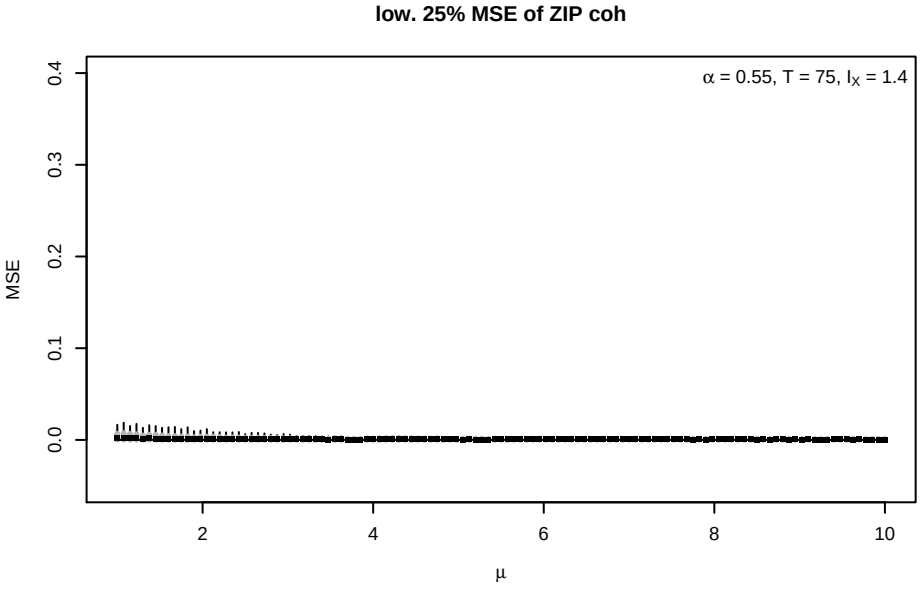

low. 25% MSE of Poisson stda
α = 0.55, T = 75, I_X = 1
MSE
μ

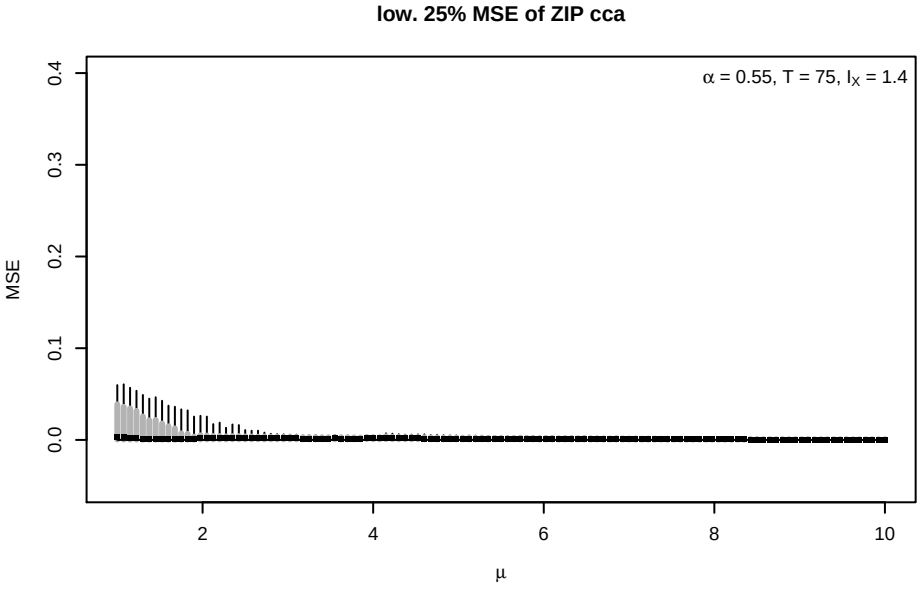

up. 10% MSE of Poisson coh
α = 0.55, T = 75, I_X = 1
MSE
μ

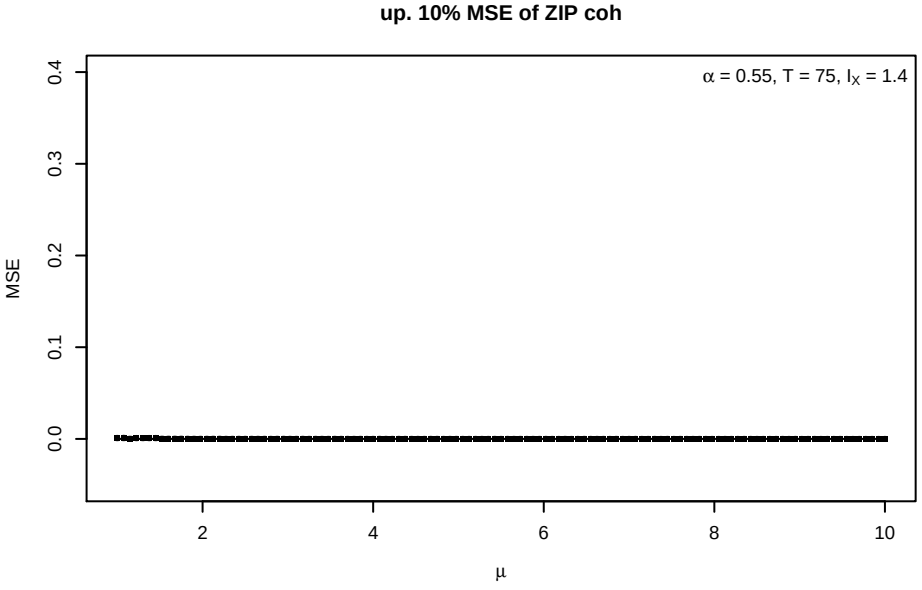

up. 10% MSE of Poisson stda
α = 0.55, T = 75, I_X = 1
MSE
μ

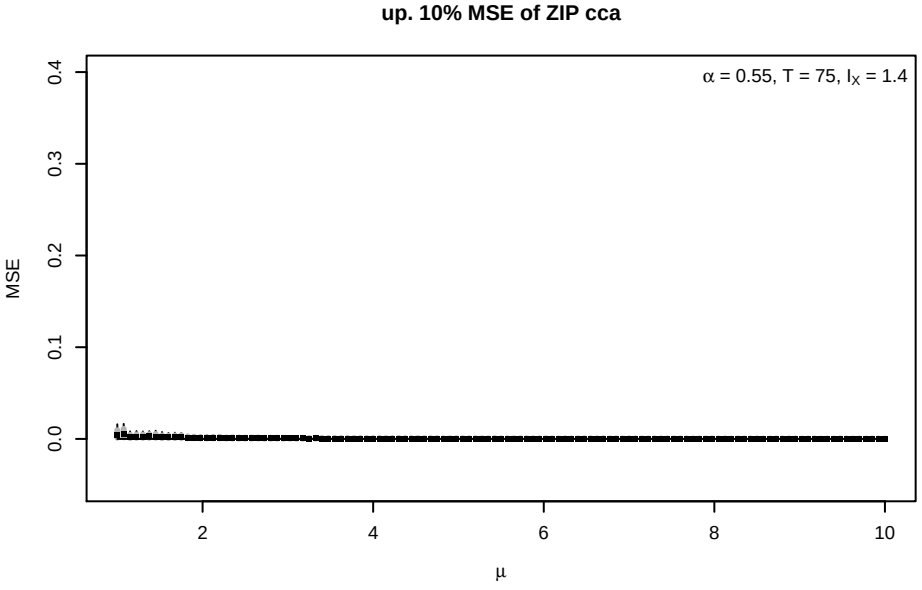

glob. MSE of ZIP coh
α = 0.55, T = 75, I_X = 1.4
MSE
μ

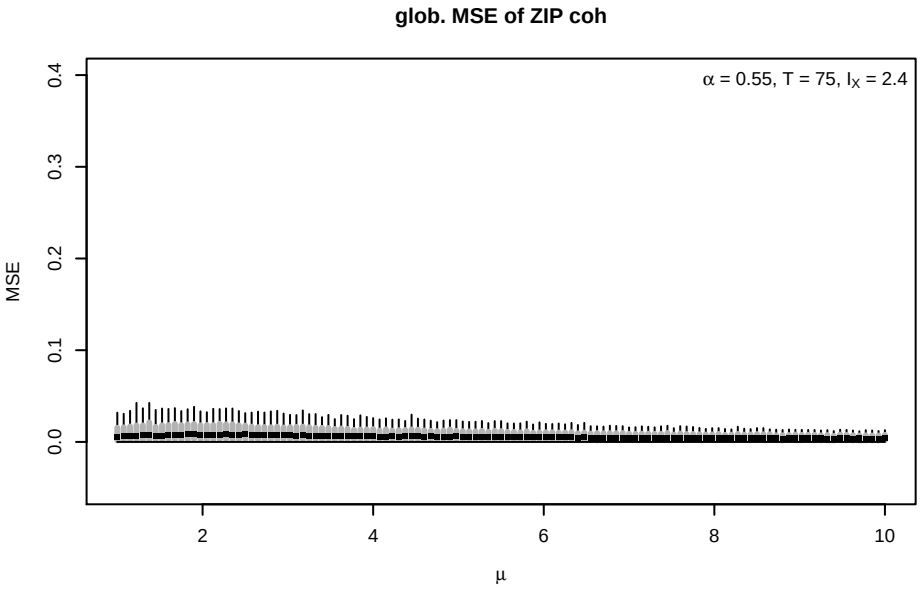

glob. MSE of ZIP cca
α = 0.55, T = 75, I_X = 1.4
MSE
μ

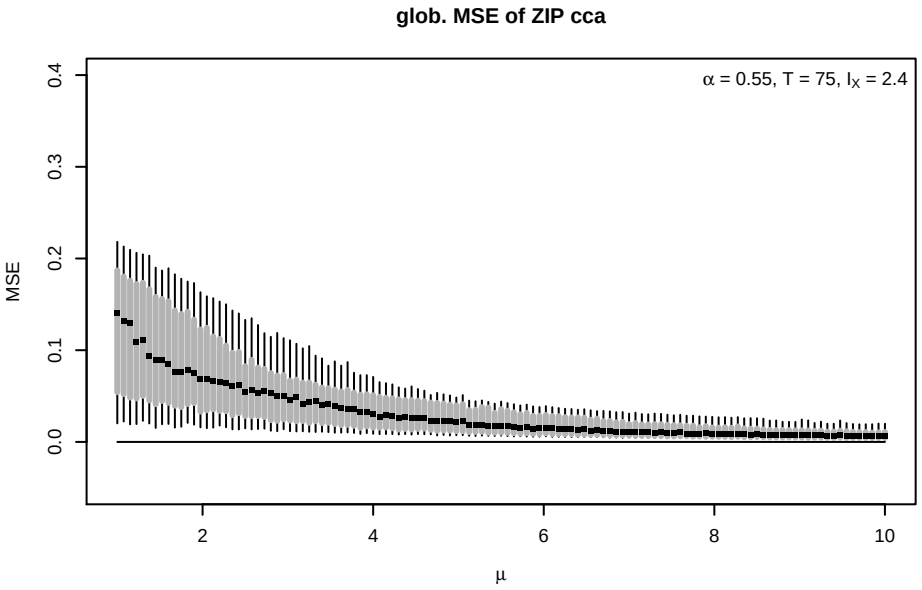

low. 25% MSE of ZIP coh
α = 0.55, T = 75, I_X = 1.4
MSE
μ

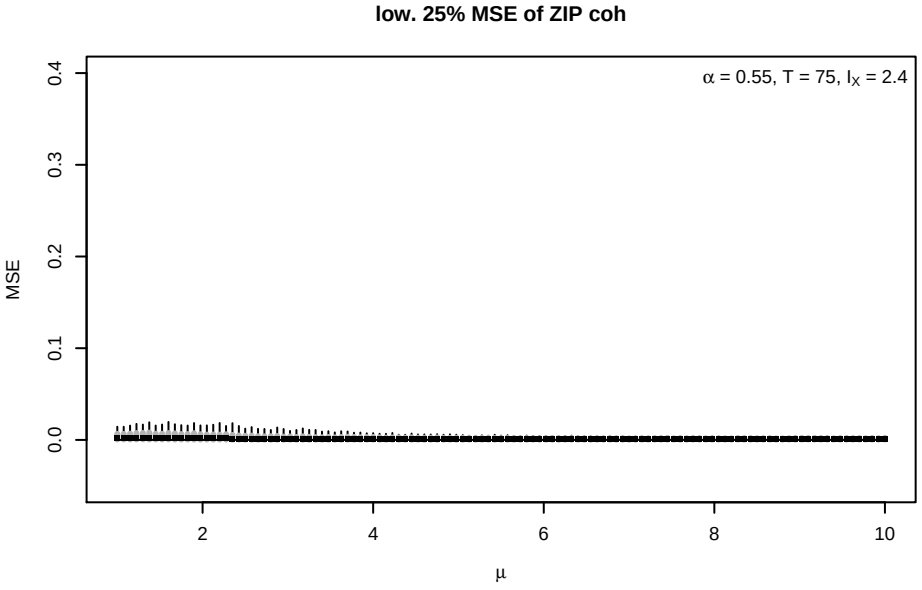

low. 25% MSE of ZIP cca
α = 0.55, T = 75, I_X = 1.4
MSE
μ

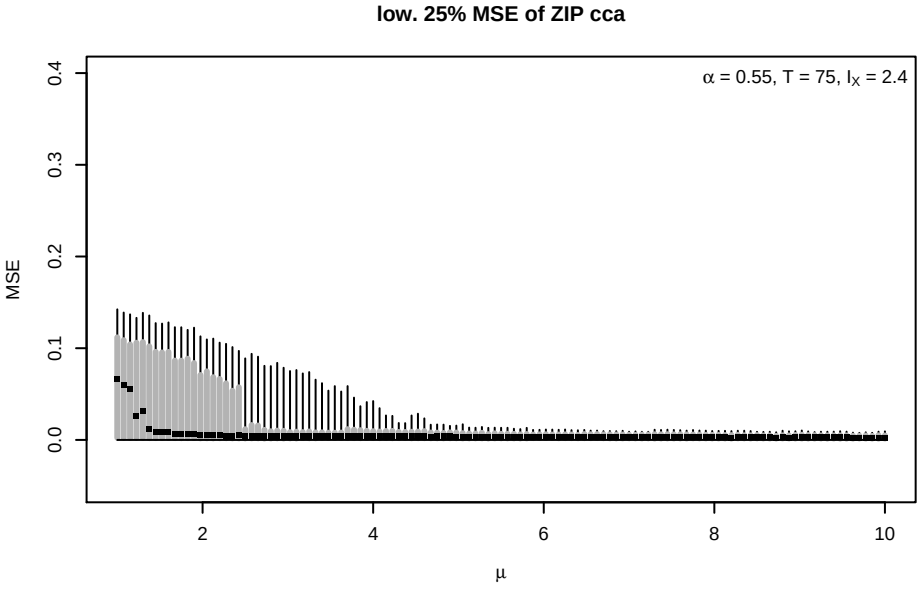

up. 10% MSE of ZIP coh
α = 0.55, T = 75, I_X = 1.4
MSE
μ

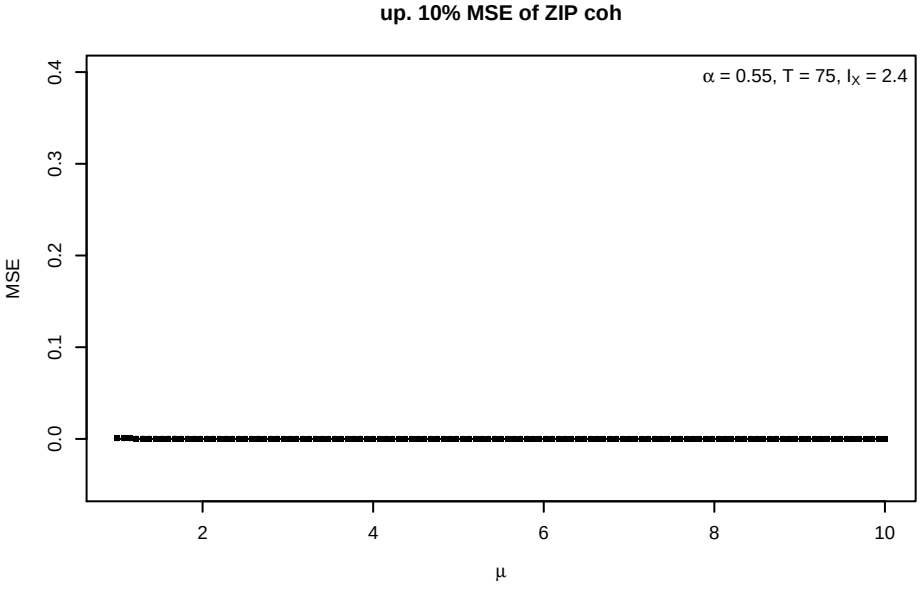

up. 10% MSE of ZIP cca
α = 0.55, T = 75, I_X = 1.4
MSE
μ

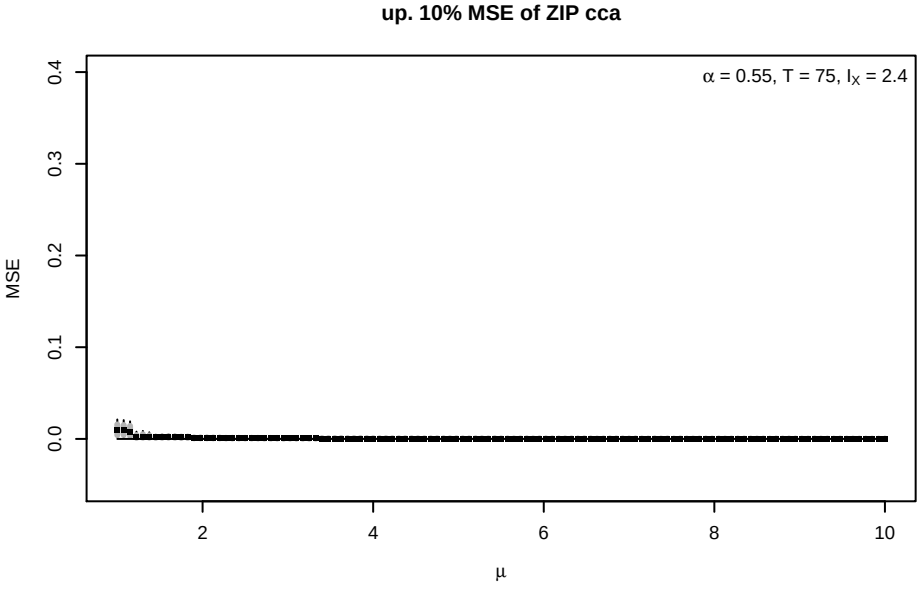

glob. MSE of ZIP coh
α = 0.55, T = 75, I_X = 2.4
MSE
μ

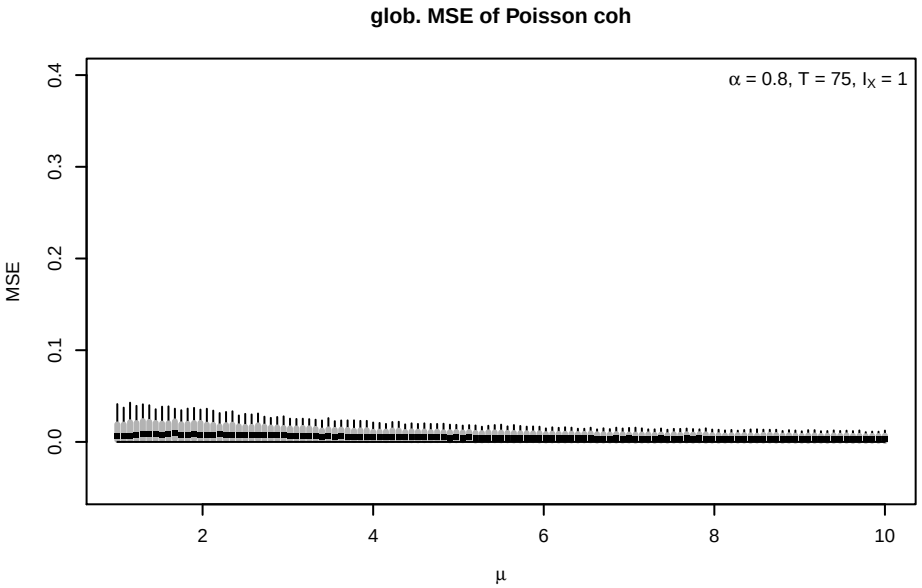

glob. MSE of ZIP cca
α = 0.55, T = 75, I_X = 2.4
MSE
μ

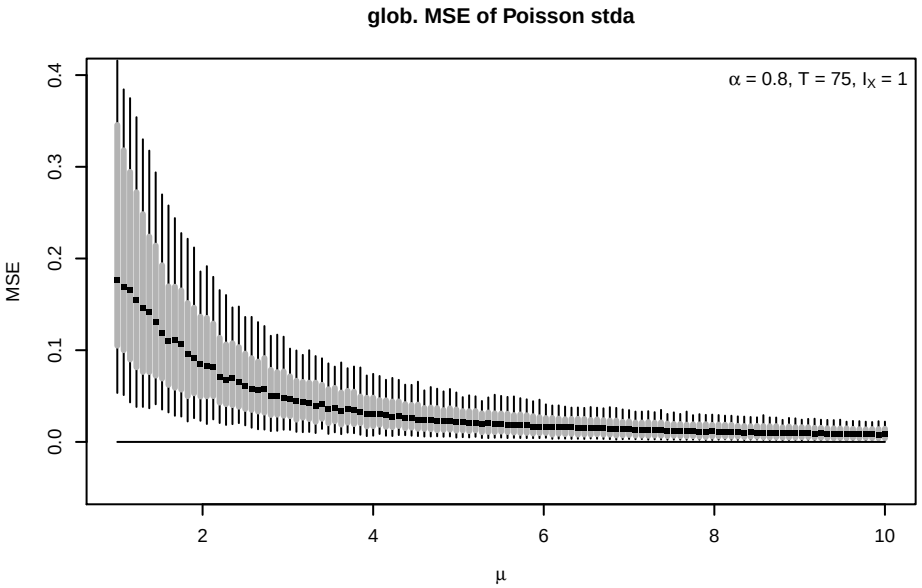

low. 25% MSE of ZIP coh
α = 0.55, T = 75, I_X = 2.4
MSE
μ

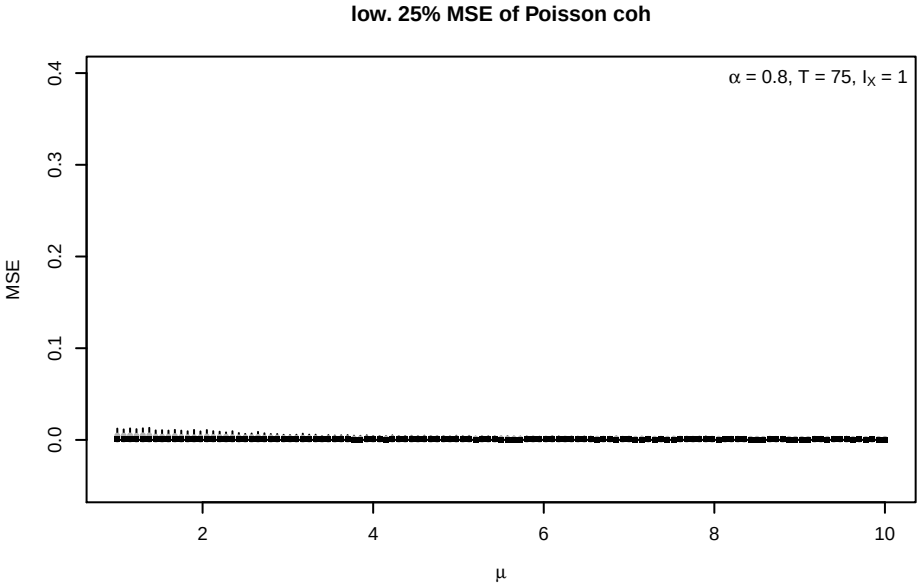

low. 25% MSE of ZIP cca
α = 0.55, T = 75, I_X = 2.4
MSE
μ

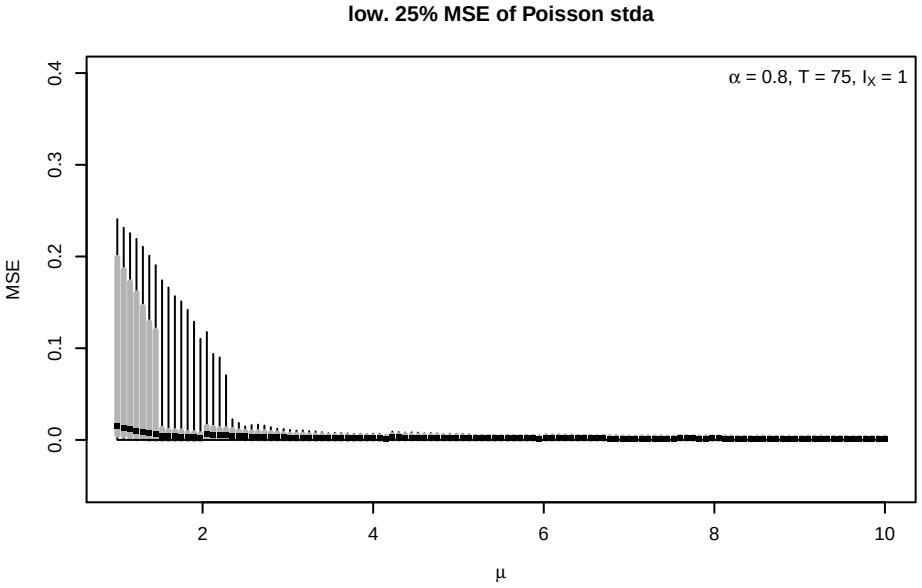

up. 10% MSE of ZIP coh
α = 0.55, T = 75, I_X = 2.4
MSE
μ

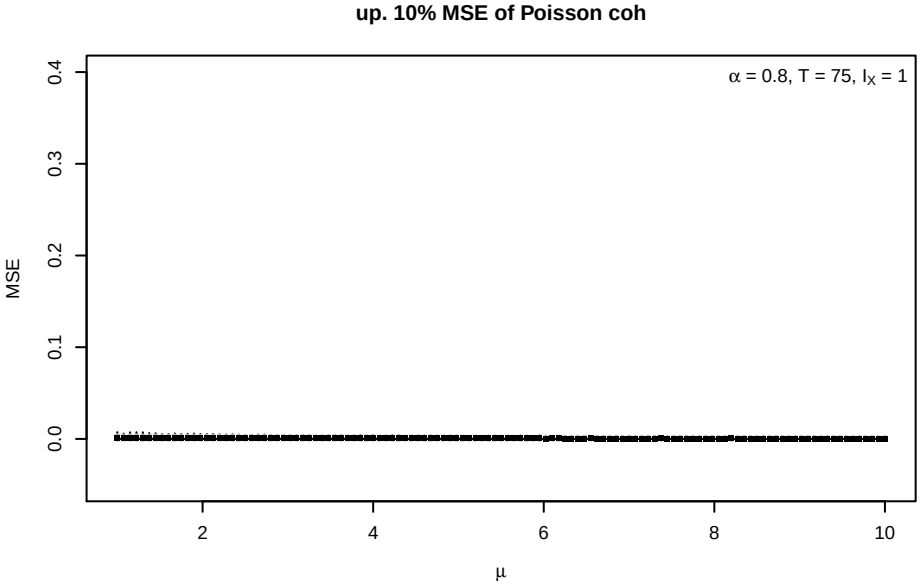

up. 10% MSE of ZIP cca
α = 0.55, T = 75, I_X = 2.4
MSE
μ

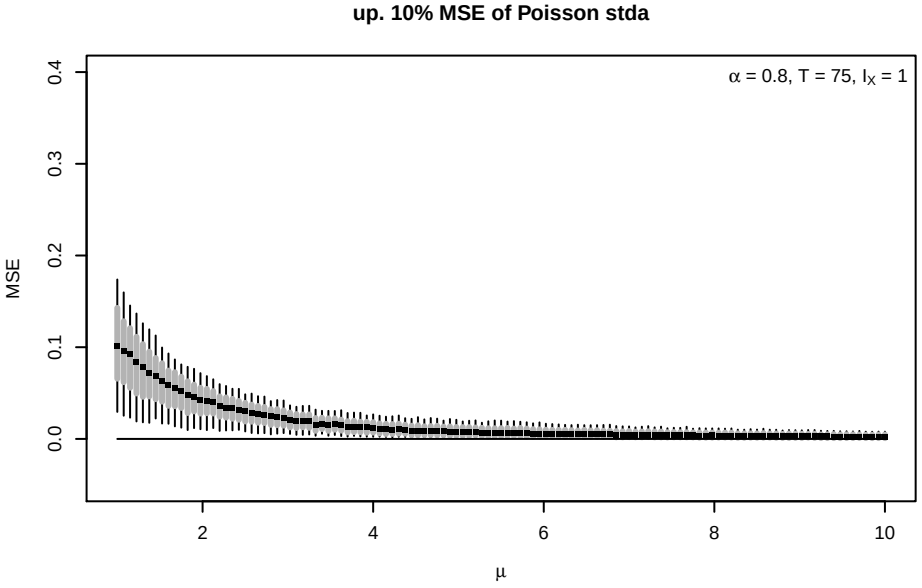

glob. MSE of Poisson coh
α = 0.8, T = 75, I_X = 1
MSE
μ

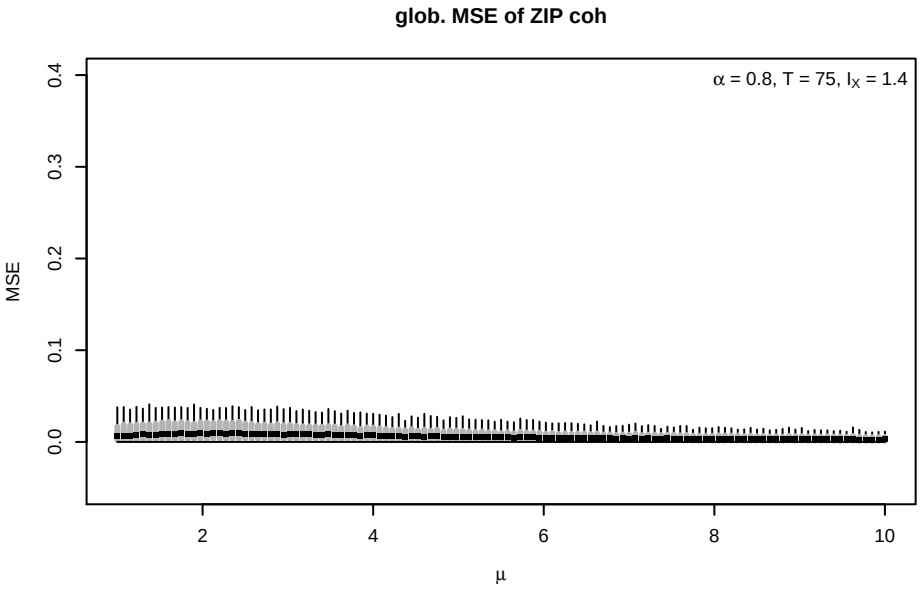

glob. MSE of Poisson stda
α = 0.8, T = 75, I_X = 1
MSE
μ

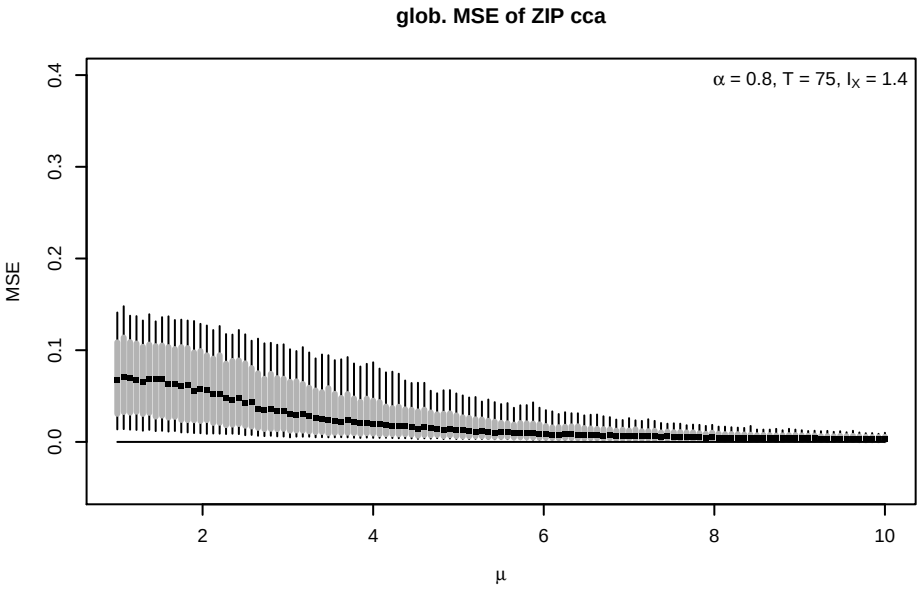

low. 25% MSE of Poisson coh
α = 0.8, T = 75, I_X = 1
MSE
μ

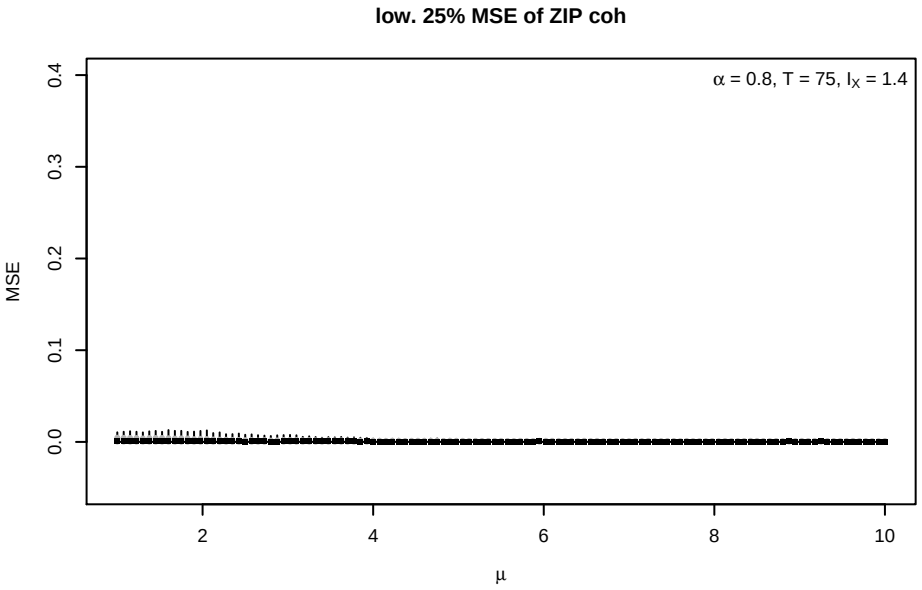

low. 25% MSE of Poisson stda
α = 0.8, T = 75, I_X = 1
MSE
μ

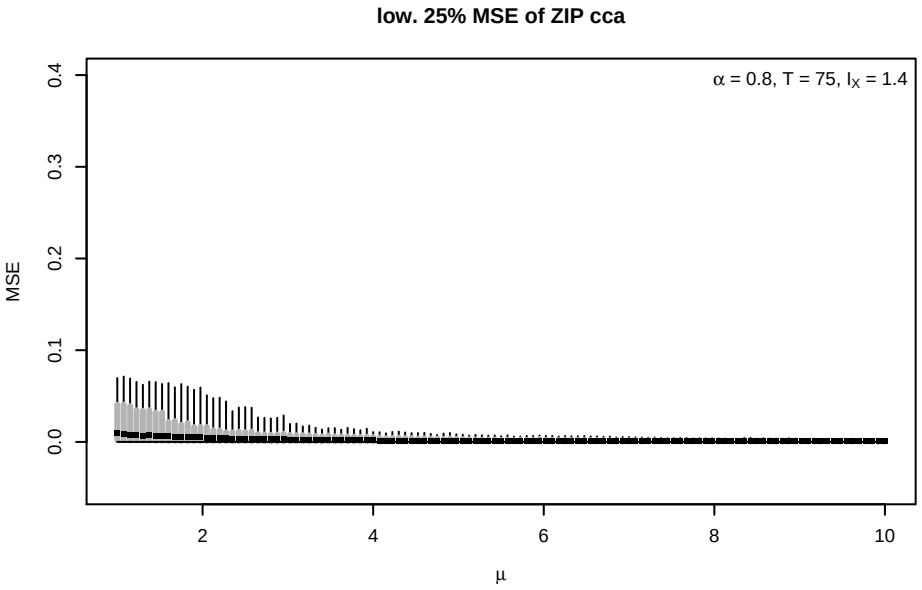

up. 10% MSE of Poisson coh
α = 0.8, T = 75, I_X = 1
MSE
μ

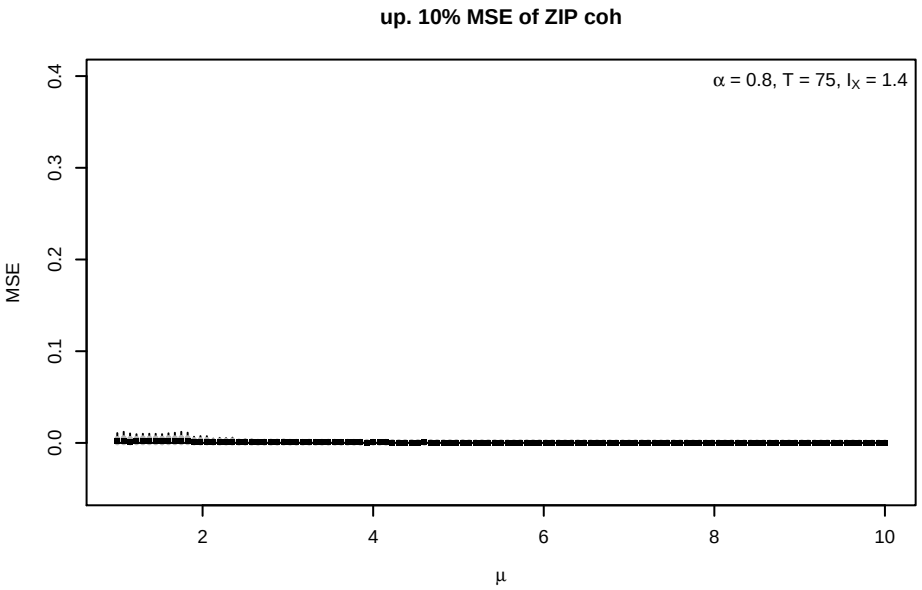

up. 10% MSE of Poisson stda
α = 0.8, T = 75, I_X = 1
MSE
μ

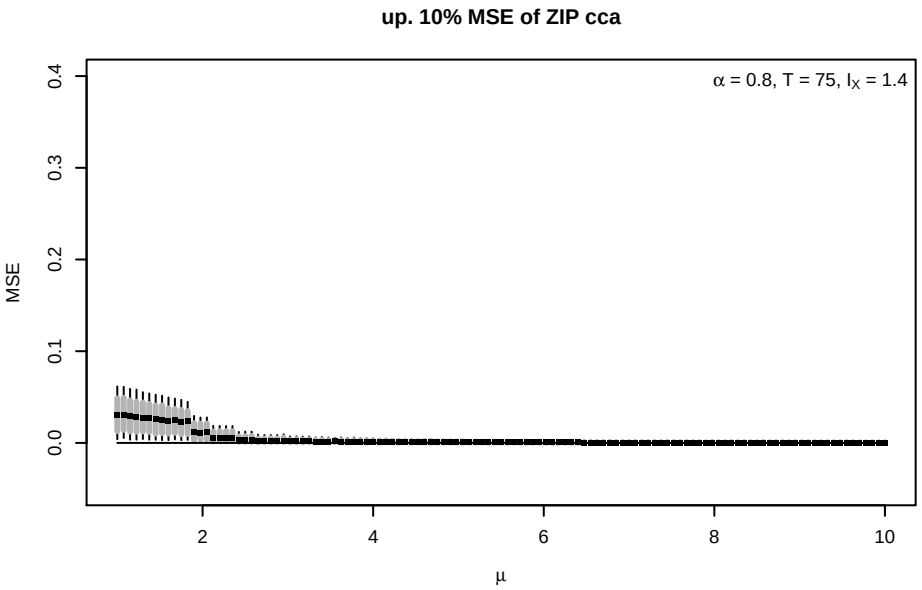

glob. MSE of ZIP coh
α = 0.8, T = 75, I_X = 1.4
MSE
μ

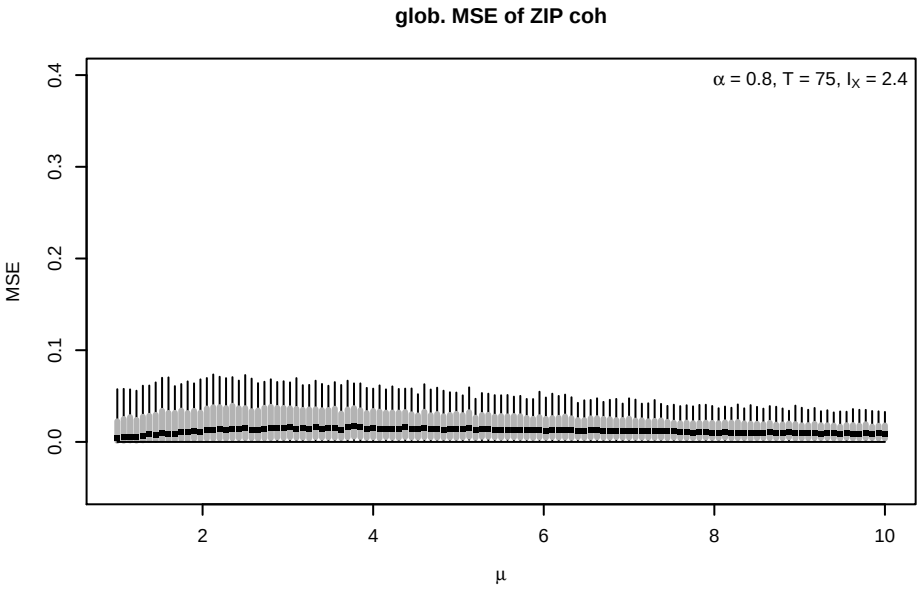

glob. MSE of ZIP cca
α = 0.8, T = 75, I_X = 1.4
MSE
μ

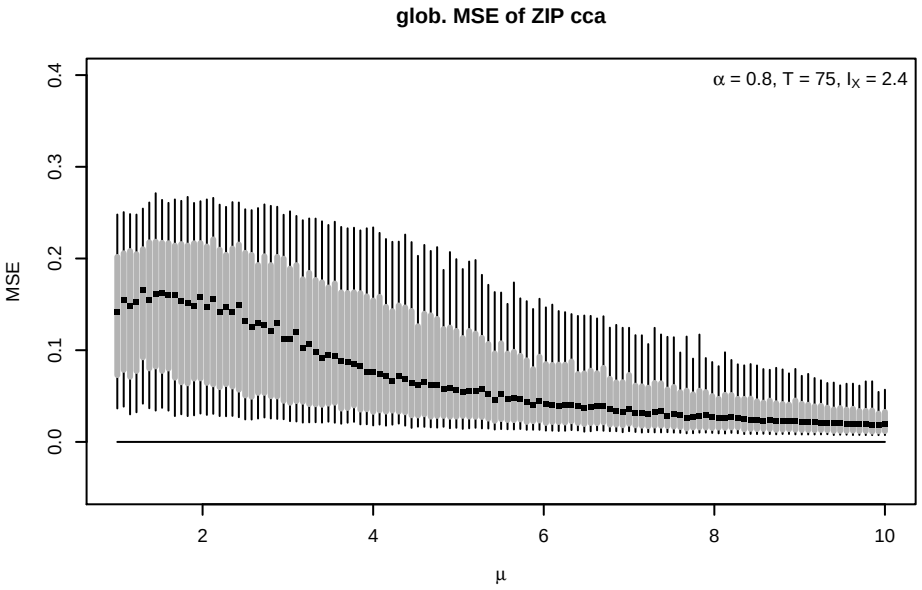

low. 25% MSE of ZIP coh
α = 0.8, T = 75, I_X = 1.4
MSE
μ

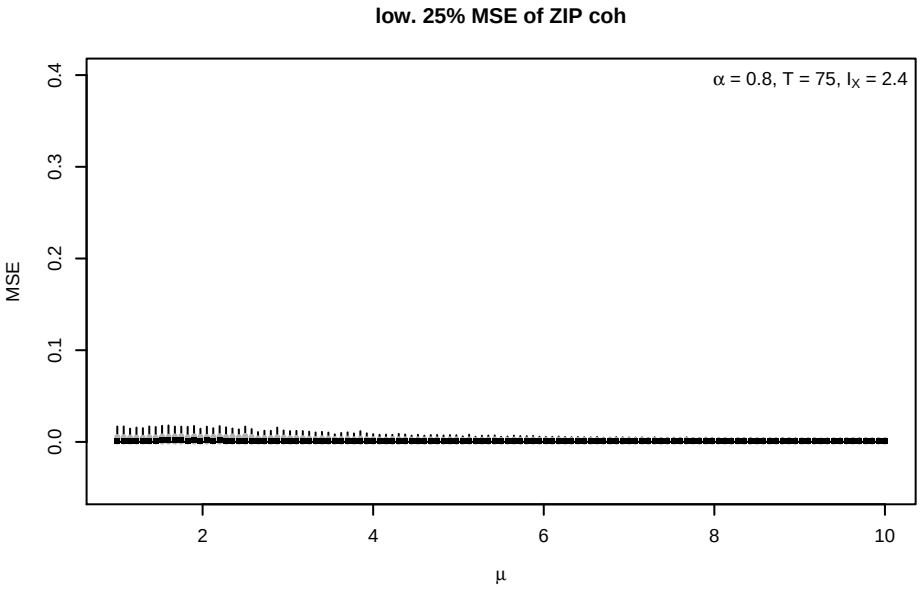

low. 25% MSE of ZIP cca
α = 0.8, T = 75, I_X = 1.4
MSE
μ

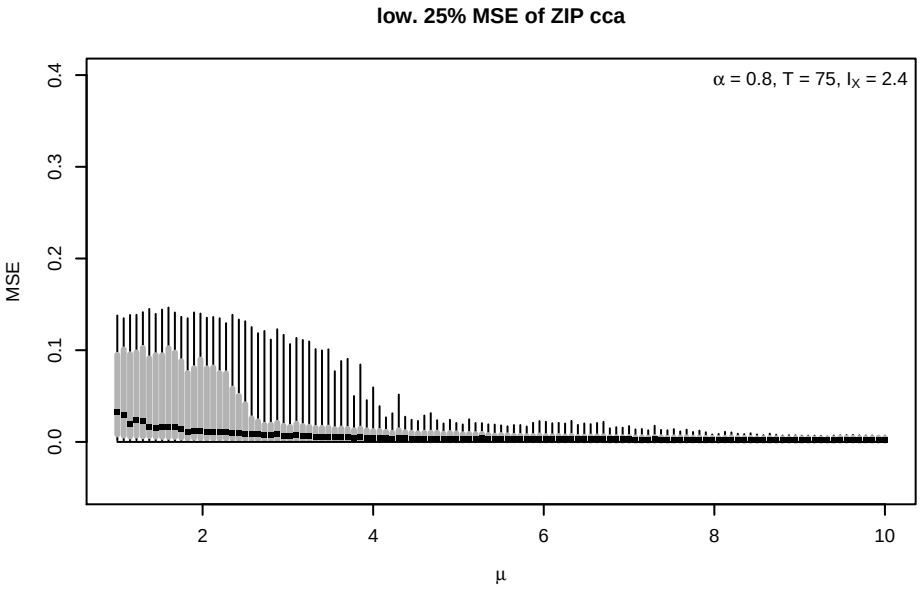

up. 10% MSE of ZIP coh
α = 0.8, T = 75, I_X = 1.4
MSE
μ

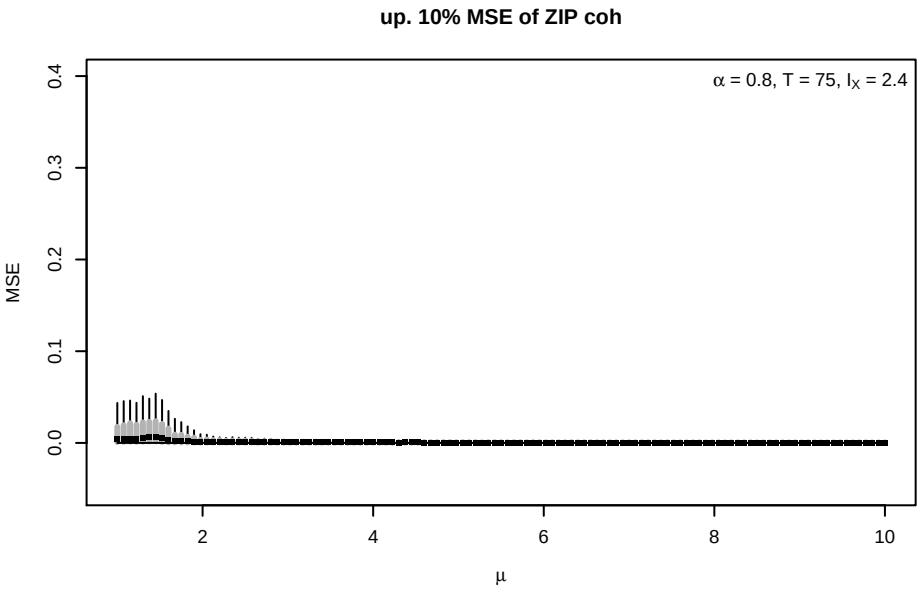

up. 10% MSE of ZIP cca
α = 0.8, T = 75, I_X = 1.4
MSE
μ

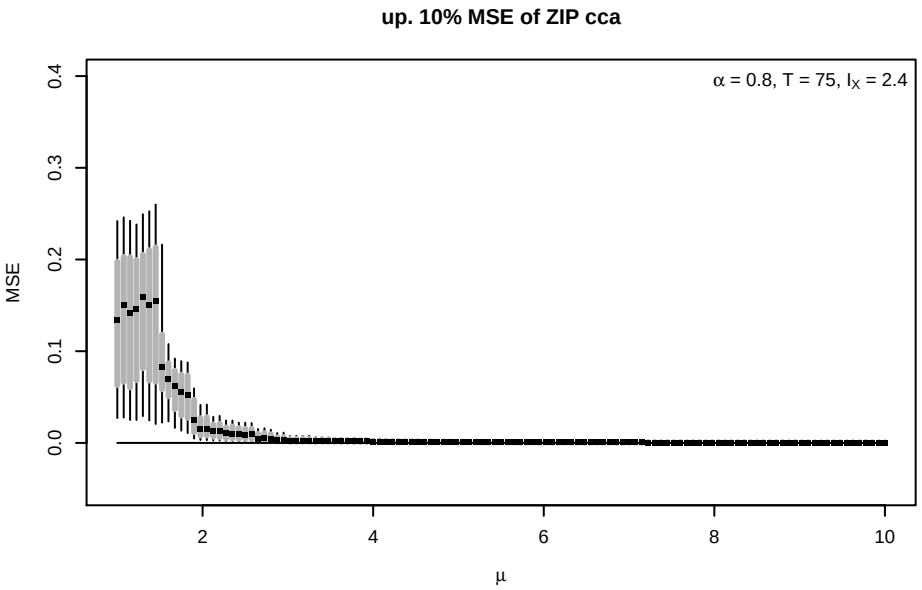

glob. MSE of ZIP coh
α = 0.8, T = 75, I_X = 2.4
MSE
μ

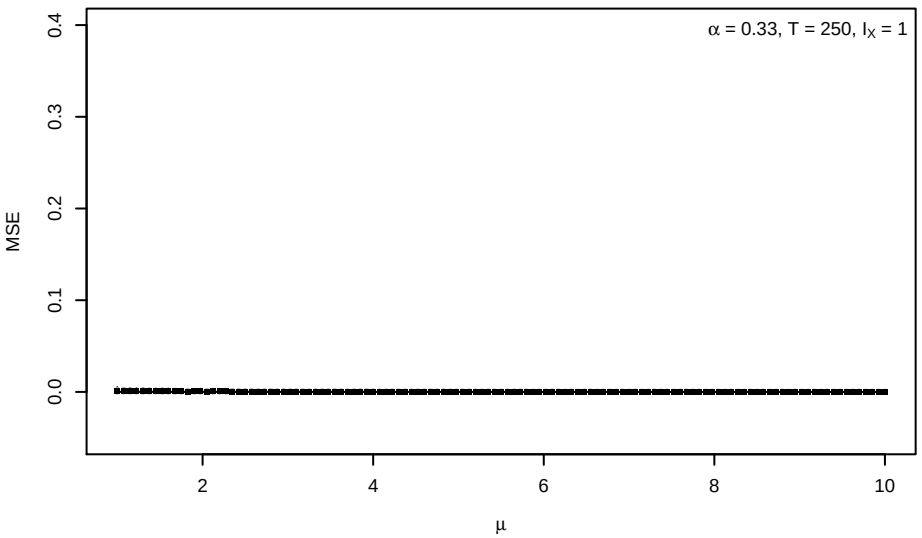

glob. MSE of ZIP cca
α = 0.8, T = 75, I_X = 2.4
MSE
μ

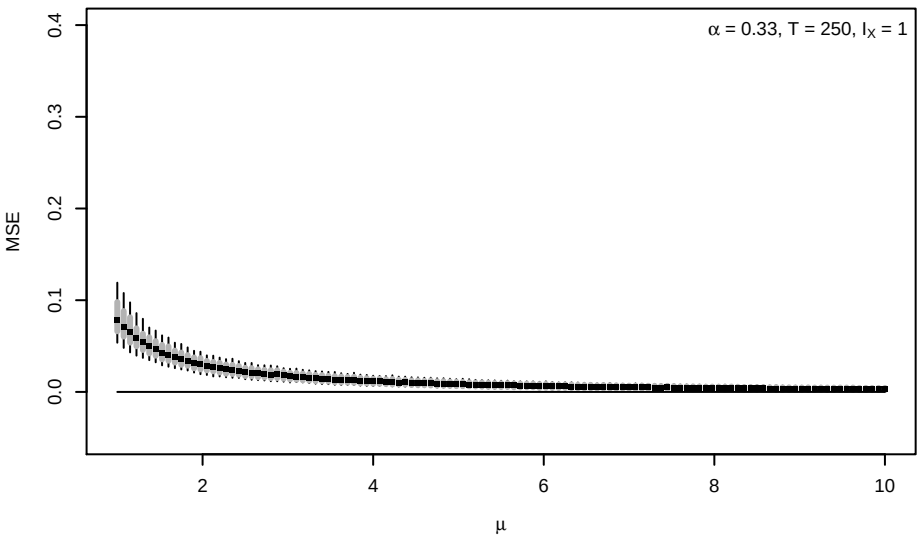

low. 25% MSE of ZIP coh
α = 0.8, T = 75, I_X = 2.4
MSE
μ

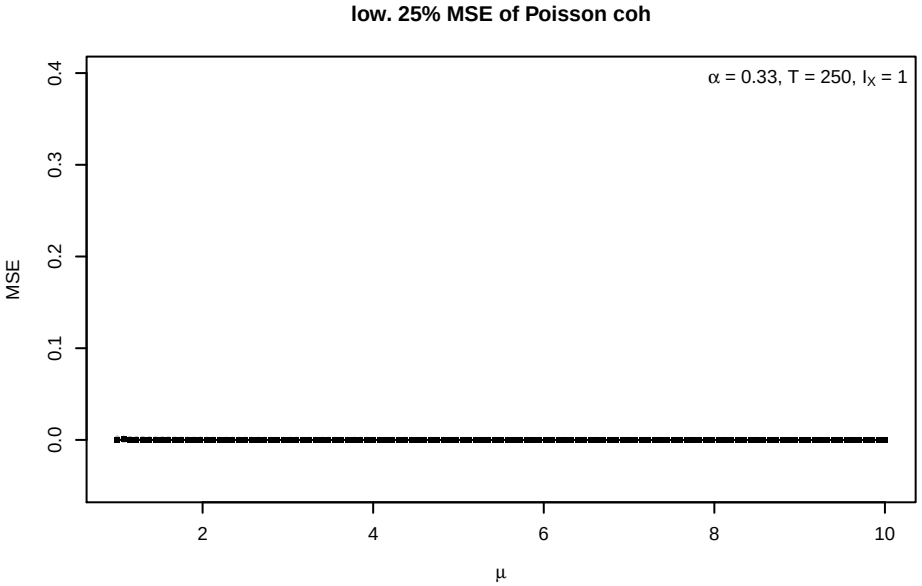

low. 25% MSE of ZIP cca
α = 0.8, T = 75, I_X = 2.4
MSE
μ

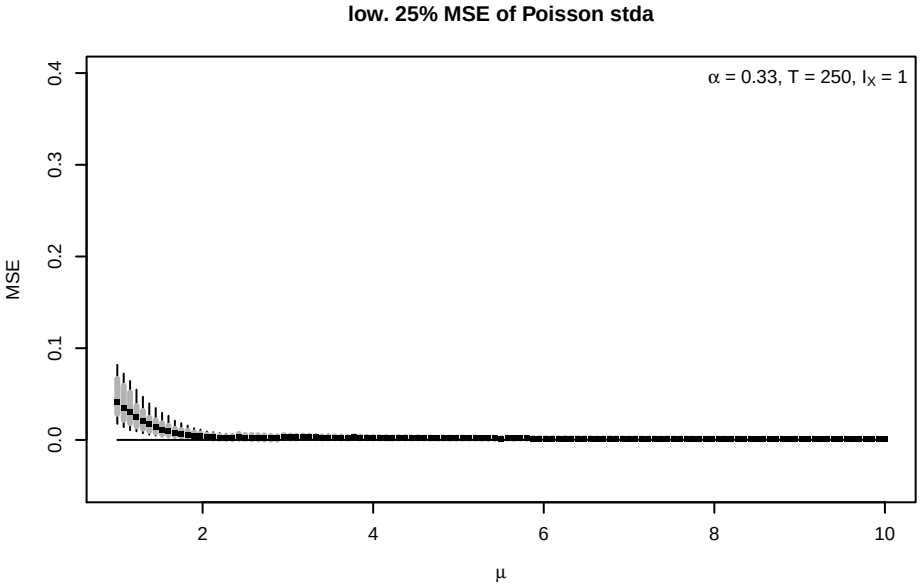

up. 10% MSE of ZIP coh
α = 0.8, T = 75, I_X = 2.4
MSE
μ

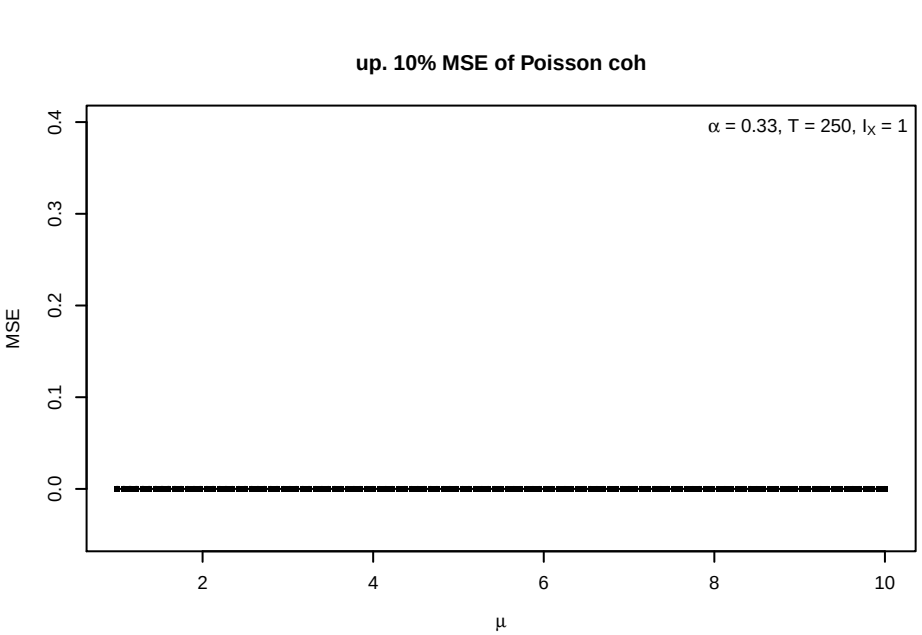

up. 10% MSE of ZIP cca
α = 0.8, T = 75, I_X = 2.4
MSE
μ

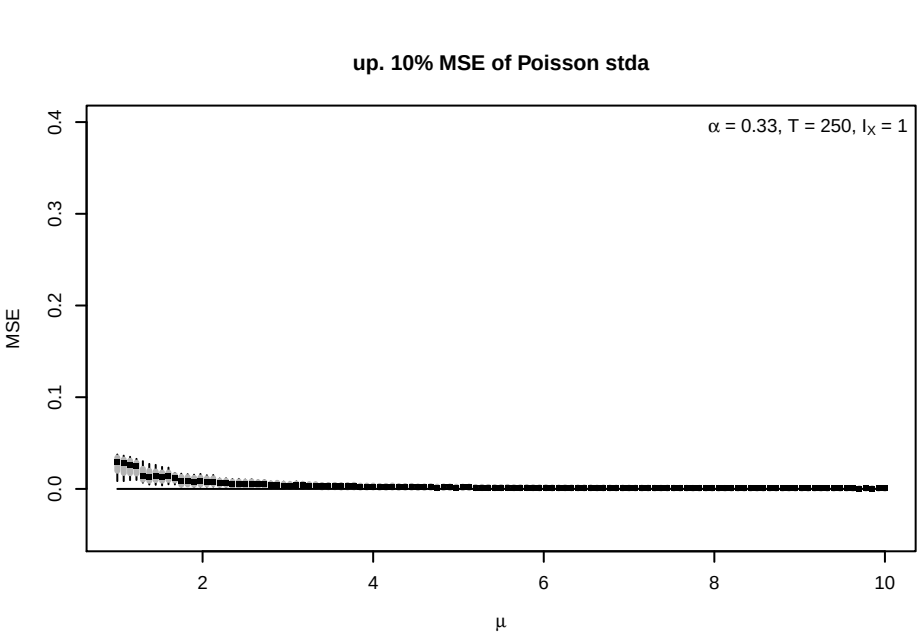

glob. MSE of Poisson coh
α = 0.33, T = 250, I_X = 1
MSE
0.0
0.1
0.2
0.3
0.4
2
4
6
8
10
μ

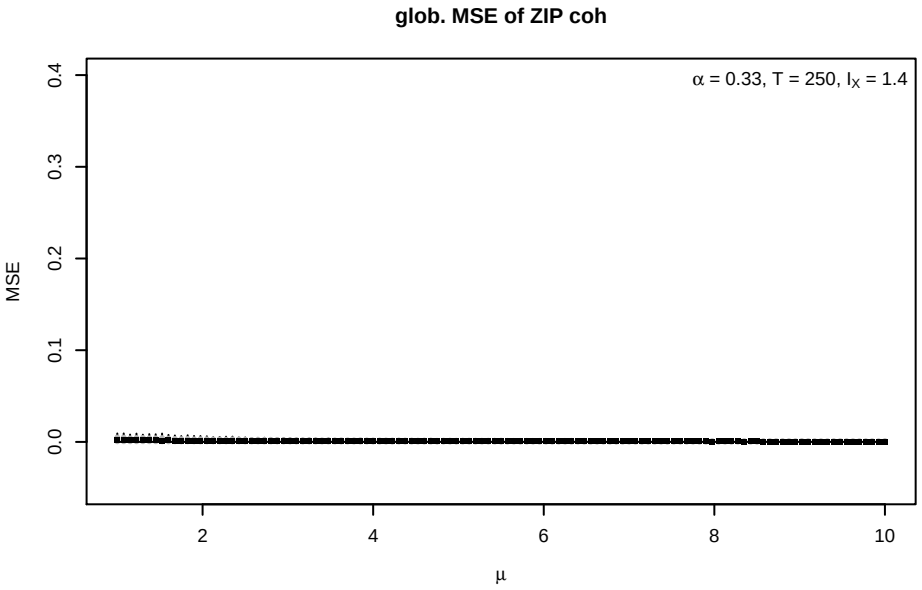

glob. MSE of Poisson stda
α = 0.33, T = 250, I_X = 1
MSE
0.0
0.1
0.2
0.3
0.4
2
4
6
8
10
μ

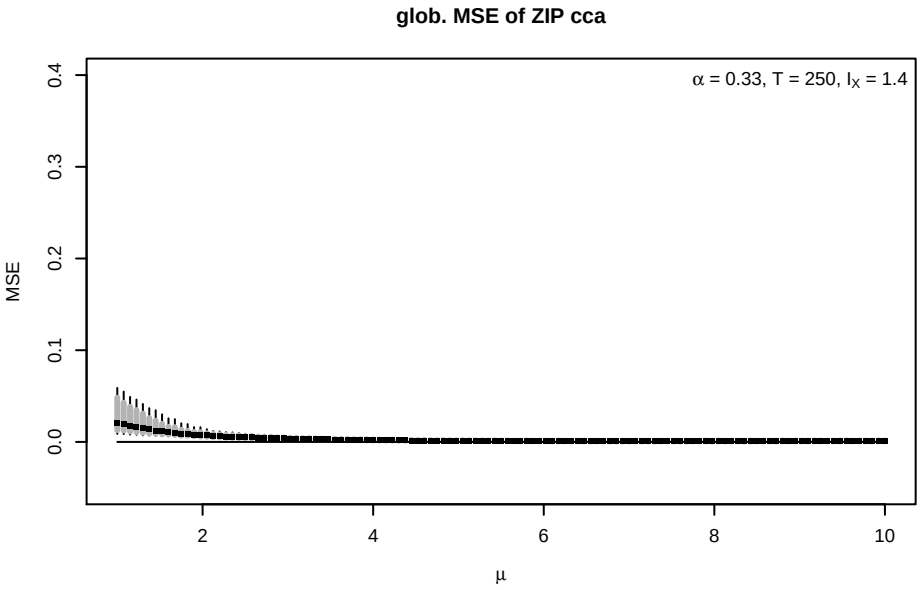

low. 25% MSE of Poisson coh
α = 0.33, T = 250, I_X = 1
MSE
0.0
0.1
0.2
0.3
0.4
2
4
6
8
10
μ

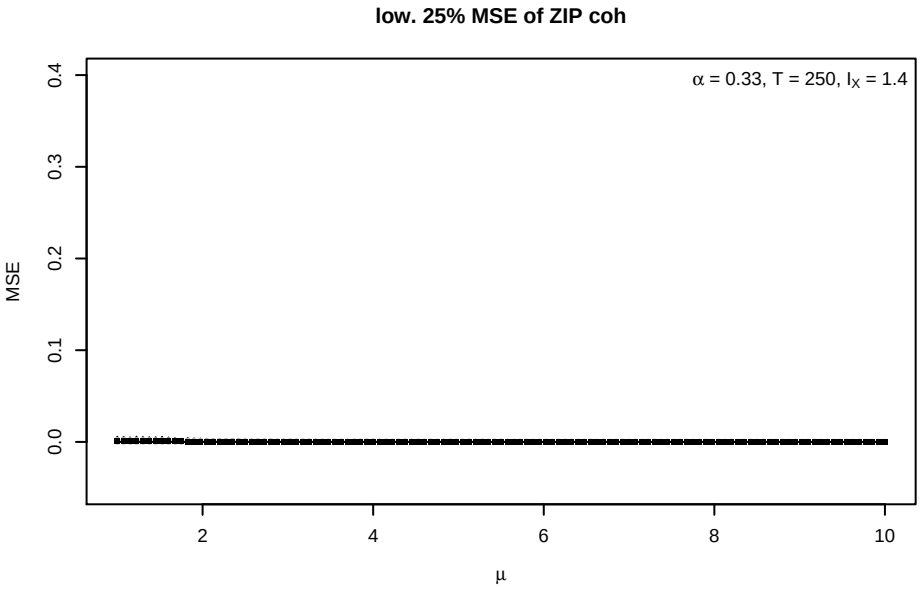

low. 25% MSE of Poisson stda
α = 0.33, T = 250, I_X = 1
MSE
0.0
0.1
0.2
0.3
0.4
2
4
6
8
10
μ

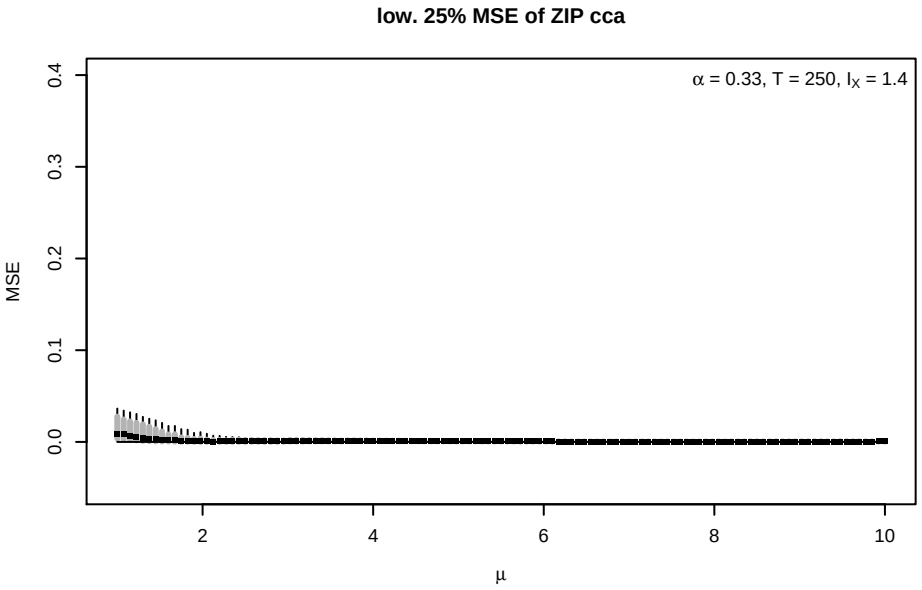

up. 10% MSE of Poisson coh
α = 0.33, T = 250, I_X = 1
MSE
0.0
0.1
0.2
0.3
0.4
2
4
6
8
10
μ

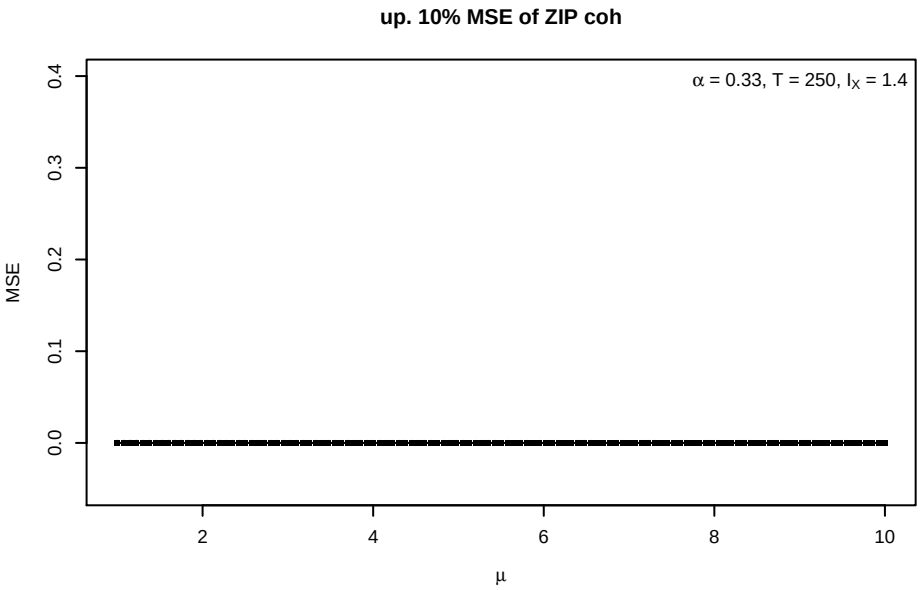

up. 10% MSE of Poisson stda
α = 0.33, T = 250, I_X = 1
MSE
0.0
0.1
0.2
0.3
0.4
2
4
6
8
10
μ

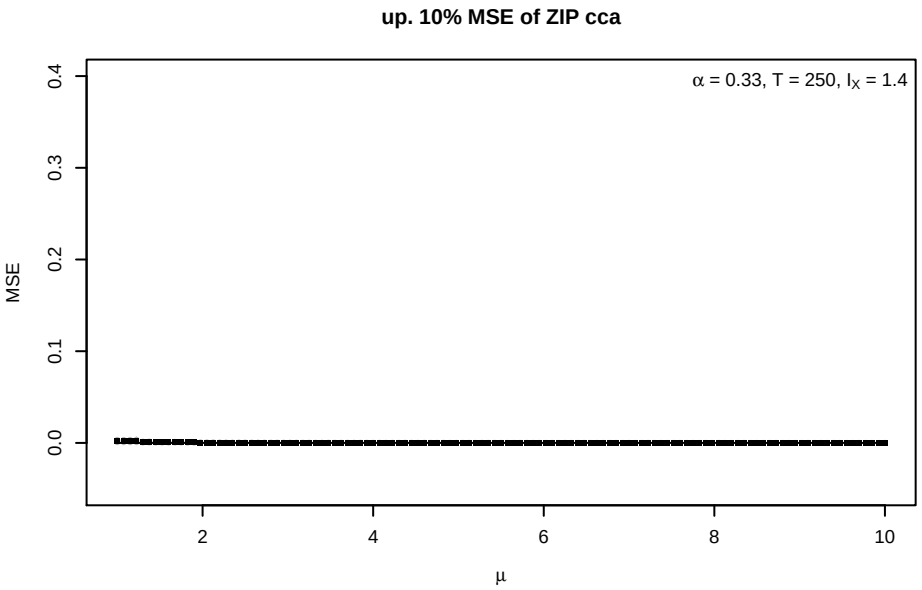

glob. MSE of ZIP coh
α = 0.33, T = 250, I_X = 1.4
MSE
μ

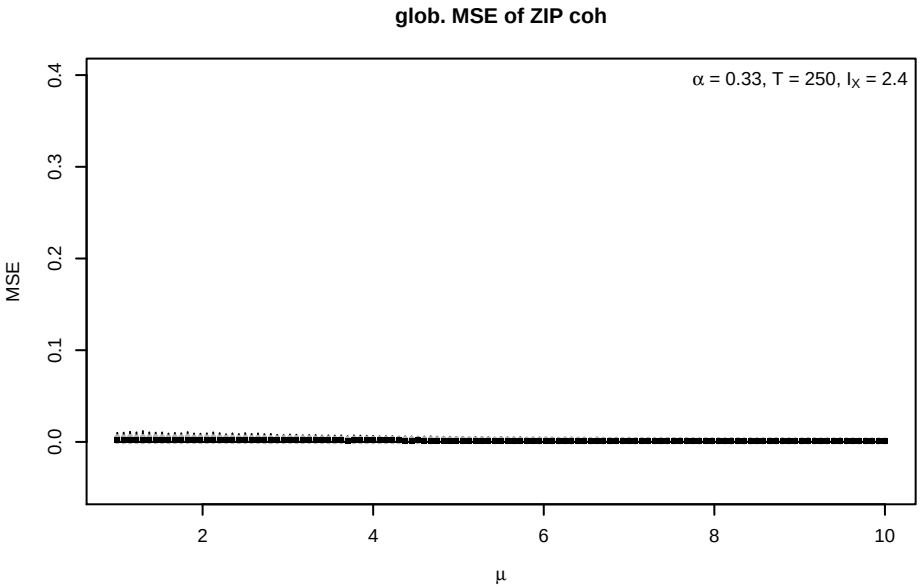

glob. MSE of ZIP cca
α = 0.33, T = 250, I_X = 1.4
MSE
μ

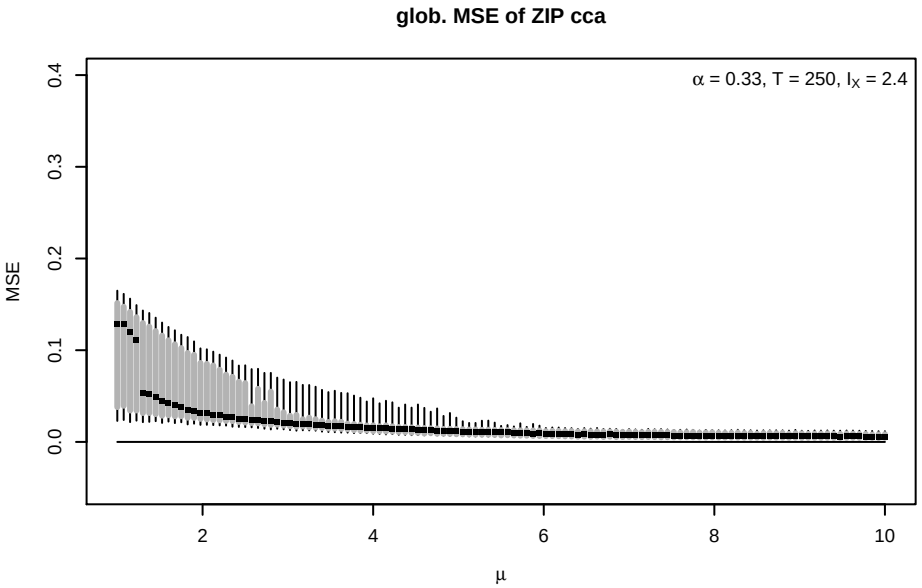

low. 25% MSE of ZIP coh
α = 0.33, T = 250, I_X = 1.4
MSE
μ

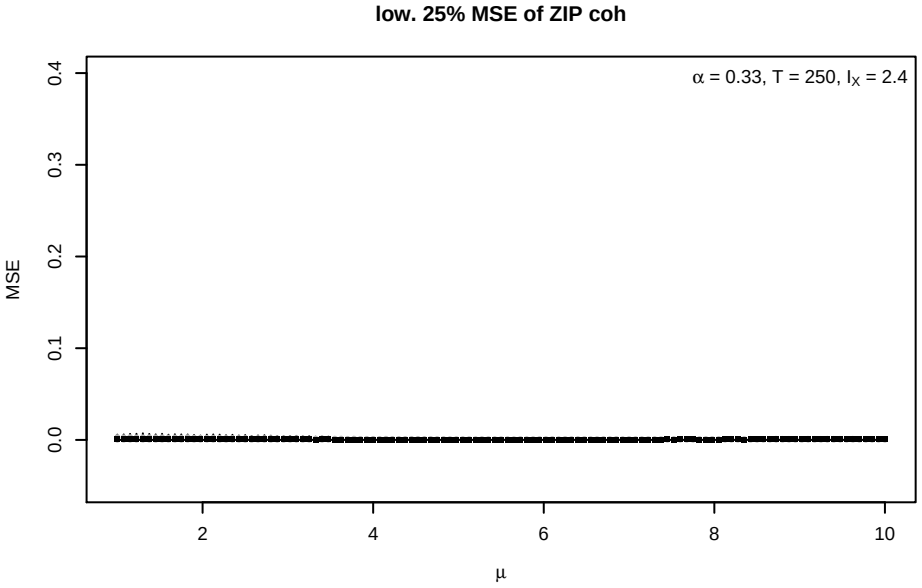

low. 25% MSE of ZIP cca
α = 0.33, T = 250, I_X = 1.4
MSE
μ

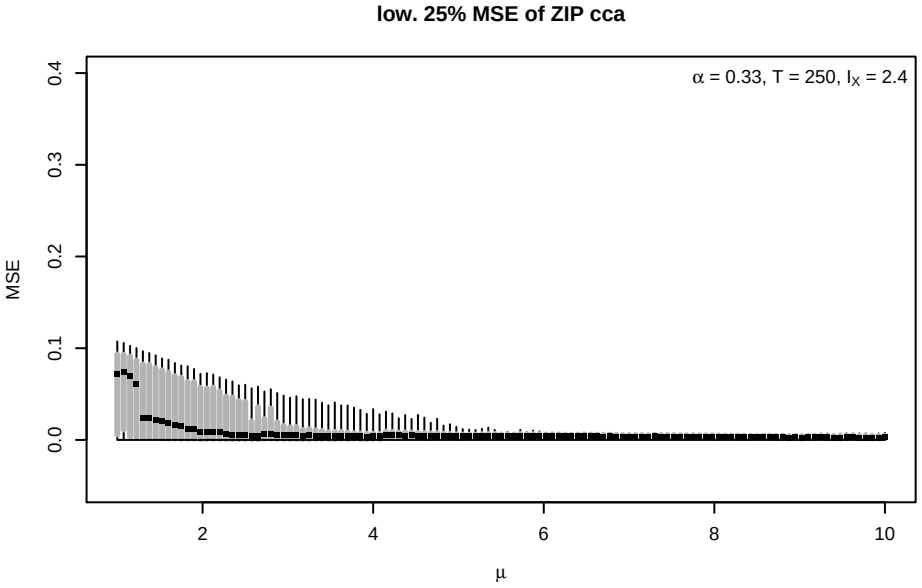

up. 10% MSE of ZIP coh
α = 0.33, T = 250, I_X = 1.4
MSE
μ

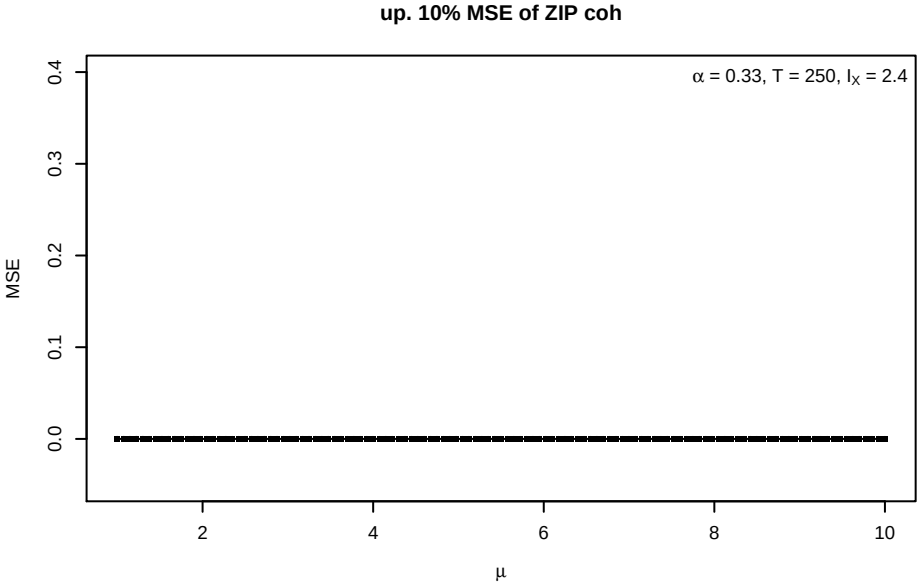

up. 10% MSE of ZIP cca
α = 0.33, T = 250, I_X = 1.4
MSE
μ

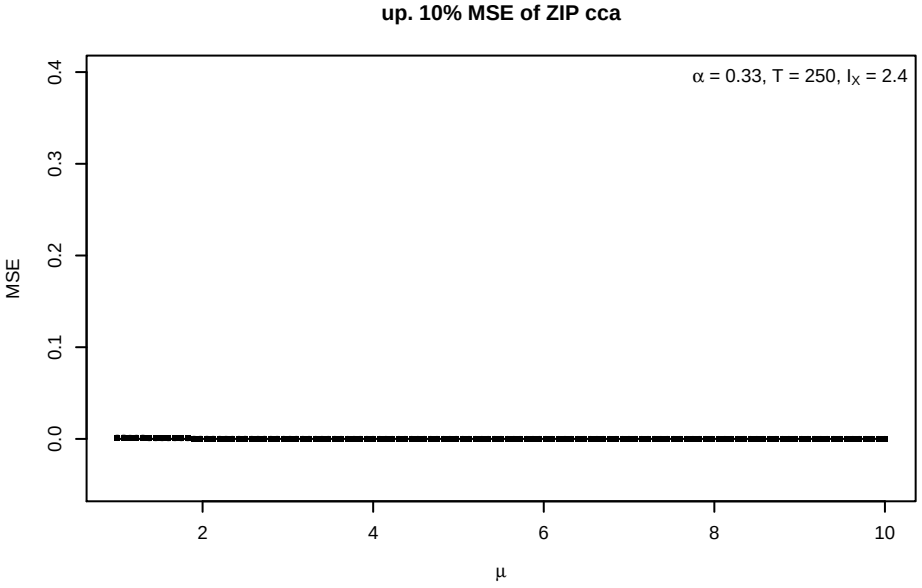

glob. MSE of ZIP coh
α = 0.33, T = 250, I_X = 2.4
MSE
μ

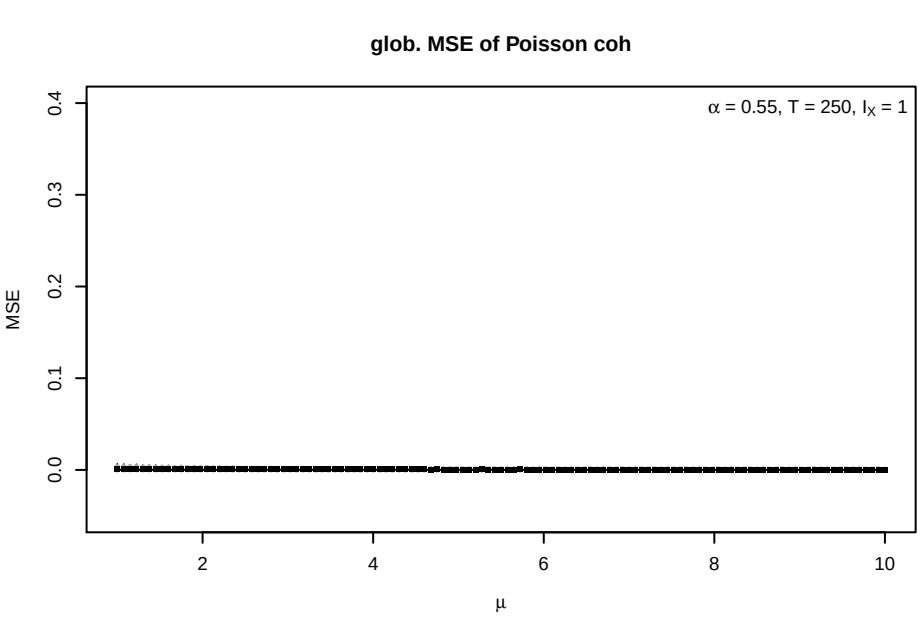

glob. MSE of ZIP cca
α = 0.33, T = 250, I_X = 2.4
MSE
μ

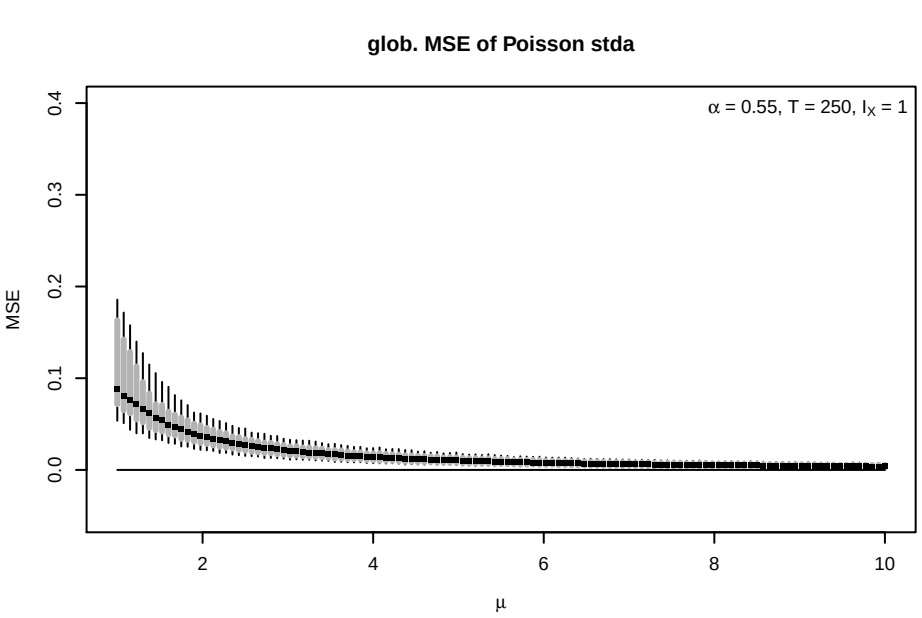

low. 25% MSE of ZIP coh
α = 0.33, T = 250, I_X = 2.4
MSE
μ

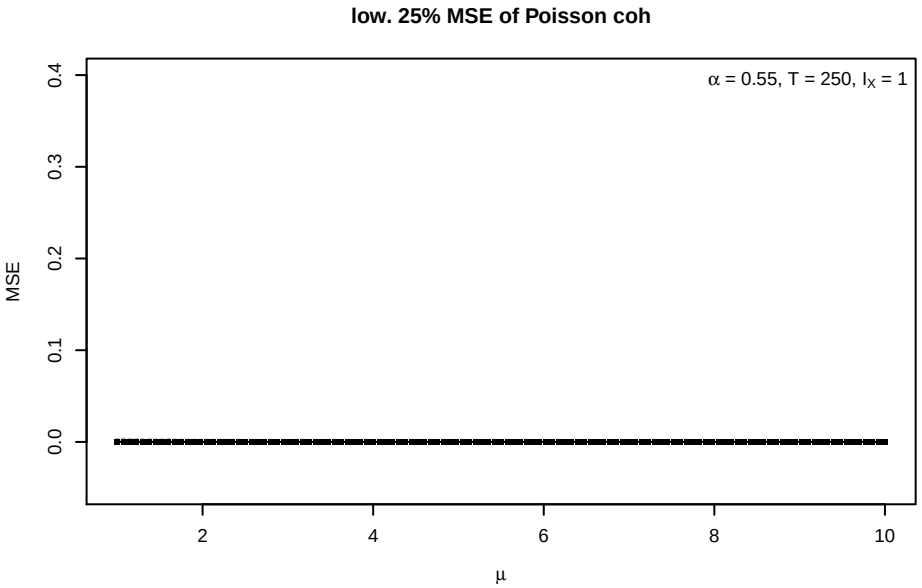

low. 25% MSE of ZIP cca
α = 0.33, T = 250, I_X = 2.4
MSE
μ

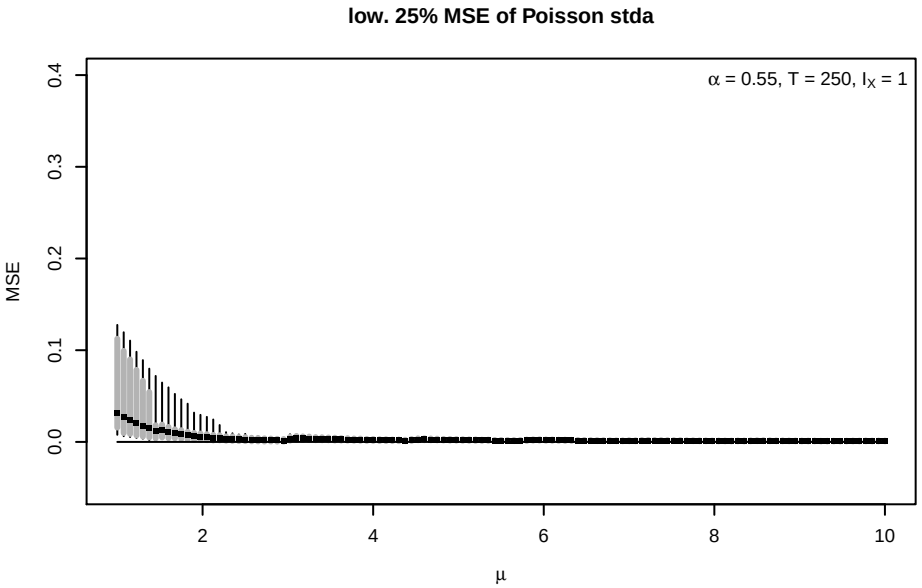

up. 10% MSE of ZIP coh
α = 0.33, T = 250, I_X = 2.4
MSE
μ

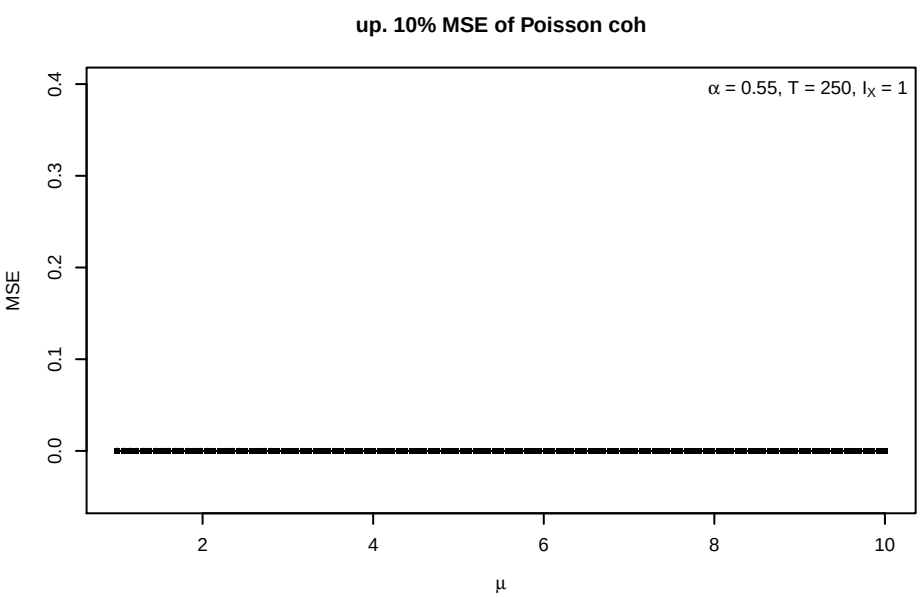

up. 10% MSE of ZIP cca
α = 0.33, T = 250, I_X = 2.4
MSE
μ

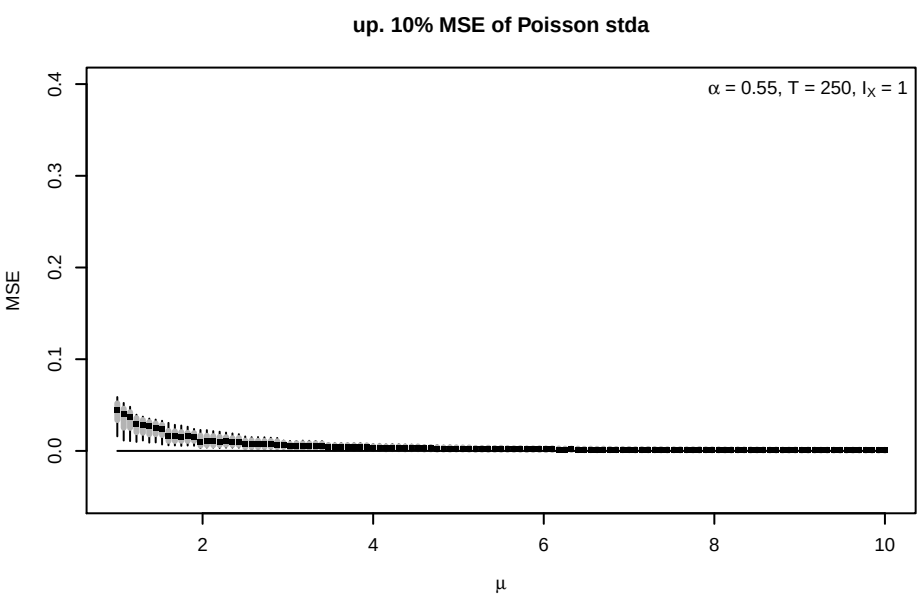

glob. MSE of Poisson coh
α = 0.55, T = 250, I_X = 1
MSE
0.0
0.1
0.2
0.3
0.4
2
4
6
8
10
μ

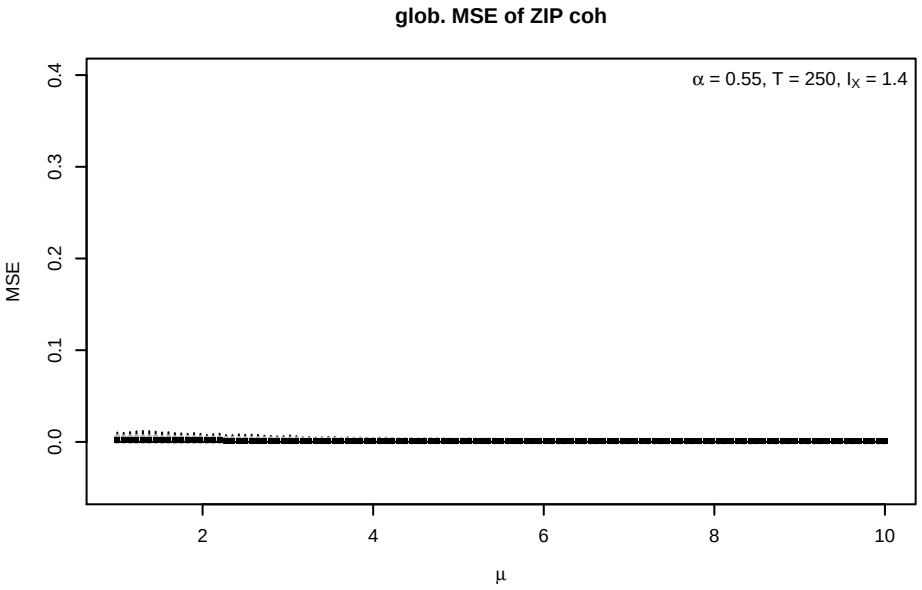

glob. MSE of Poisson stda
α = 0.55, T = 250, I_X = 1
MSE
0.0
0.1
0.2
0.3
0.4
2
4
6
8
10
μ

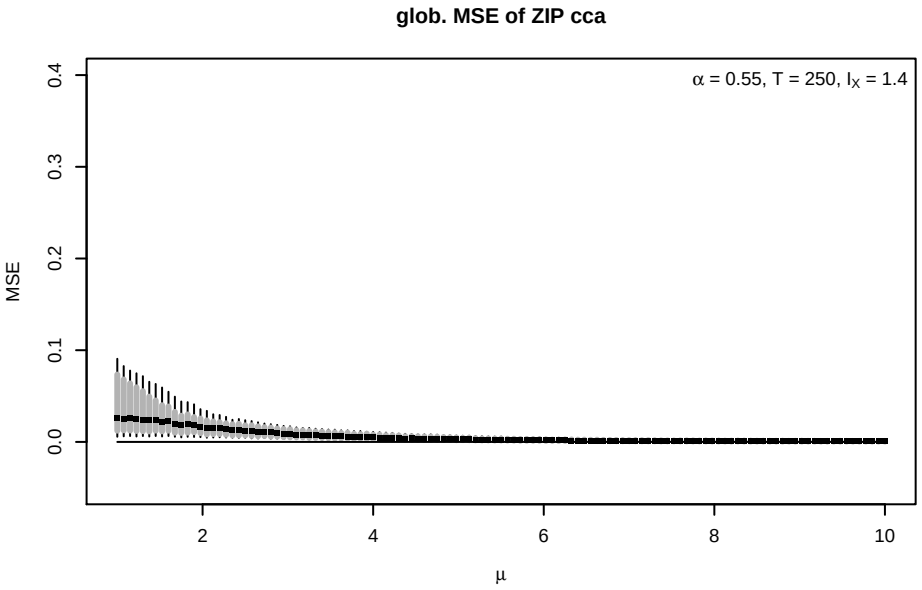

low. 25% MSE of Poisson coh
α = 0.55, T = 250, I_X = 1
MSE
0.0
0.1
0.2
0.3
0.4
2
4
6
8
10
μ

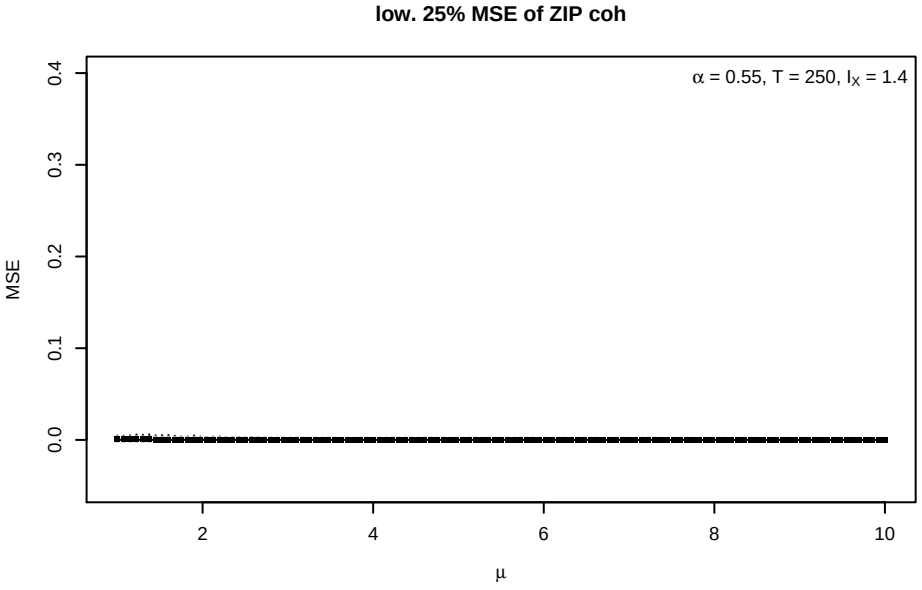

low. 25% MSE of Poisson stda
α = 0.55, T = 250, I_X = 1
MSE
0.0
0.1
0.2
0.3
0.4
2
4
6
8
10
μ

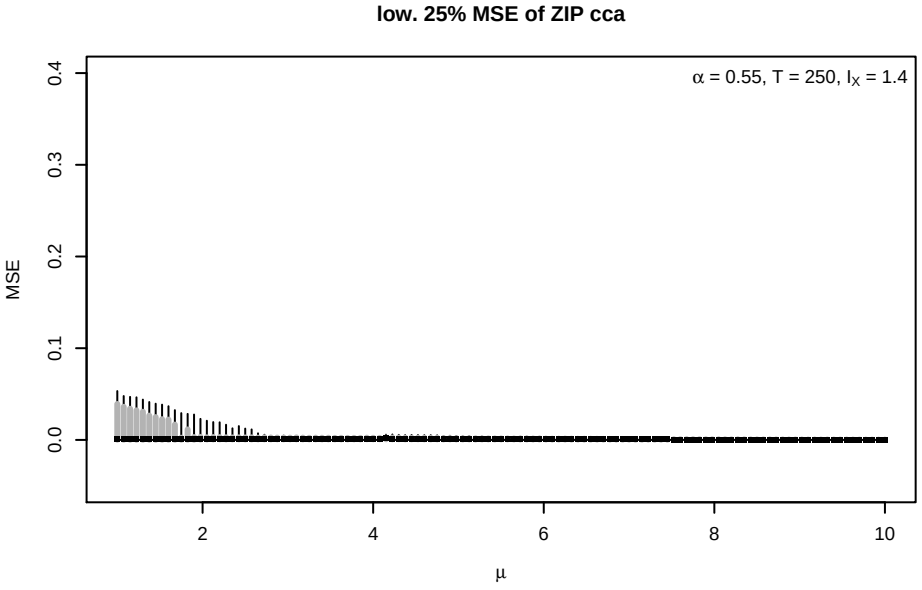

up. 10% MSE of Poisson coh
α = 0.55, T = 250, I_X = 1
MSE
0.0
0.1
0.2
0.3
0.4
2
4
6
8
10
μ

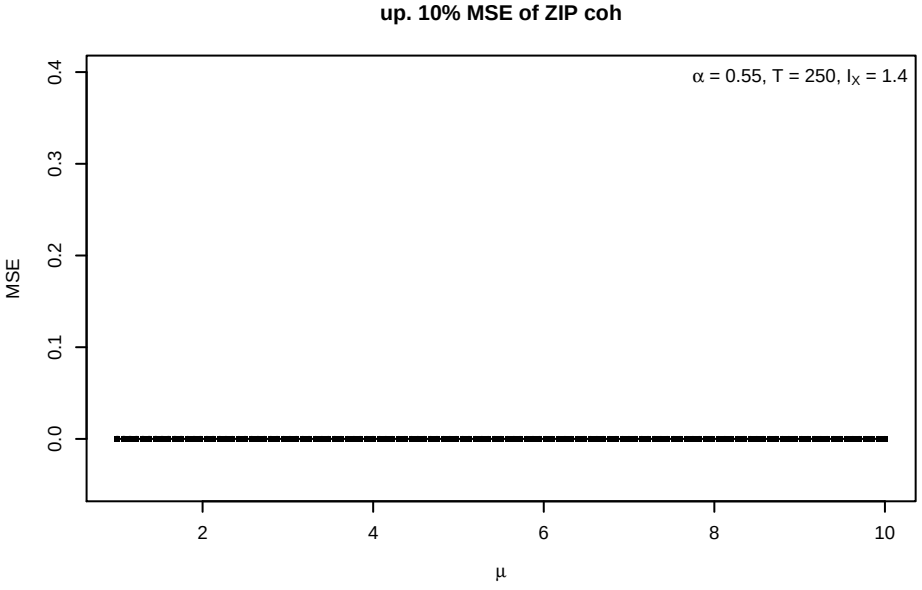

up. 10% MSE of Poisson stda
α = 0.55, T = 250, I_X = 1
MSE
0.0
0.1
0.2
0.3
0.4
2
4
6
8
10
μ

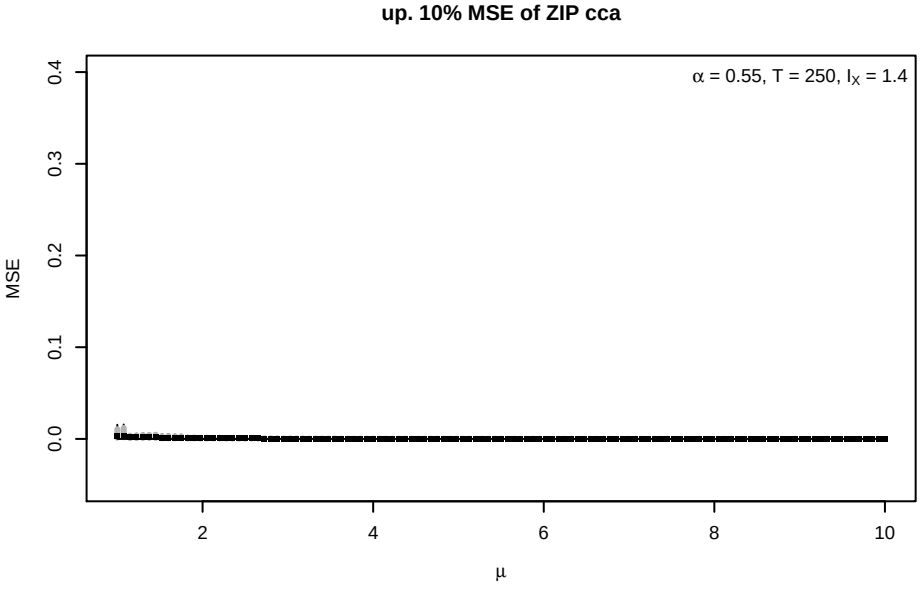

glob. MSE of ZIP coh
α = 0.55, T = 250, I_X = 1.4
MSE
μ

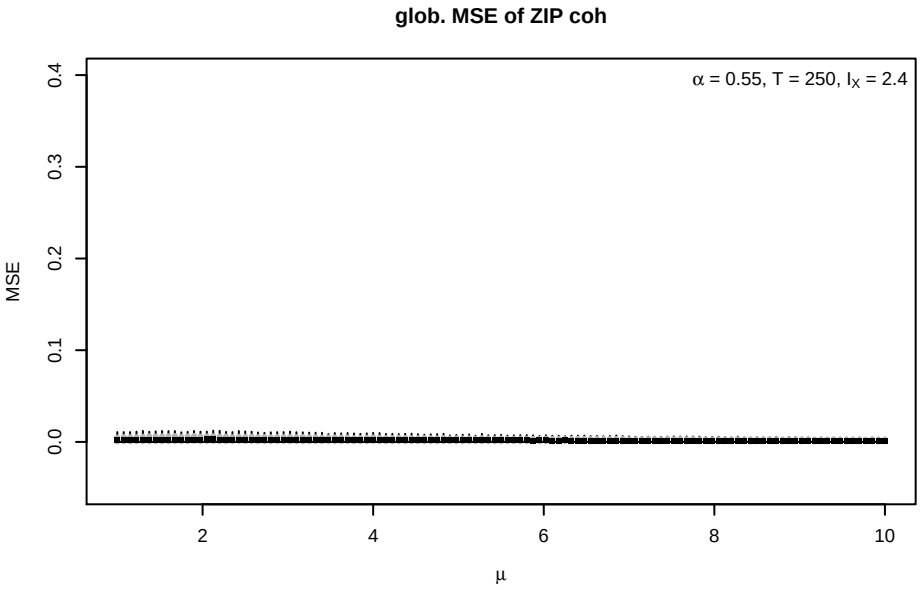

glob. MSE of ZIP cca
α = 0.55, T = 250, I_X = 1.4
MSE
μ

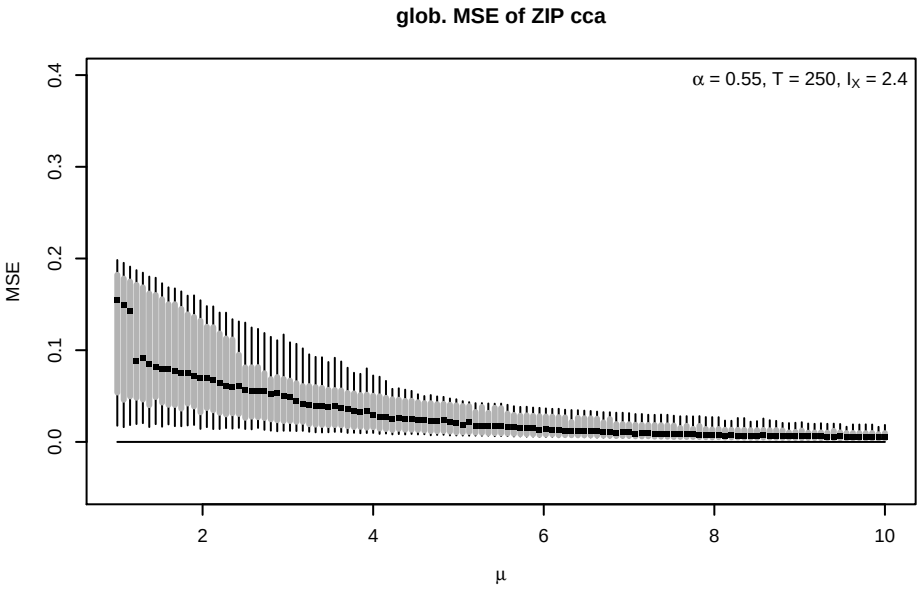

low. 25% MSE of ZIP coh
α = 0.55, T = 250, I_X = 1.4
MSE
μ

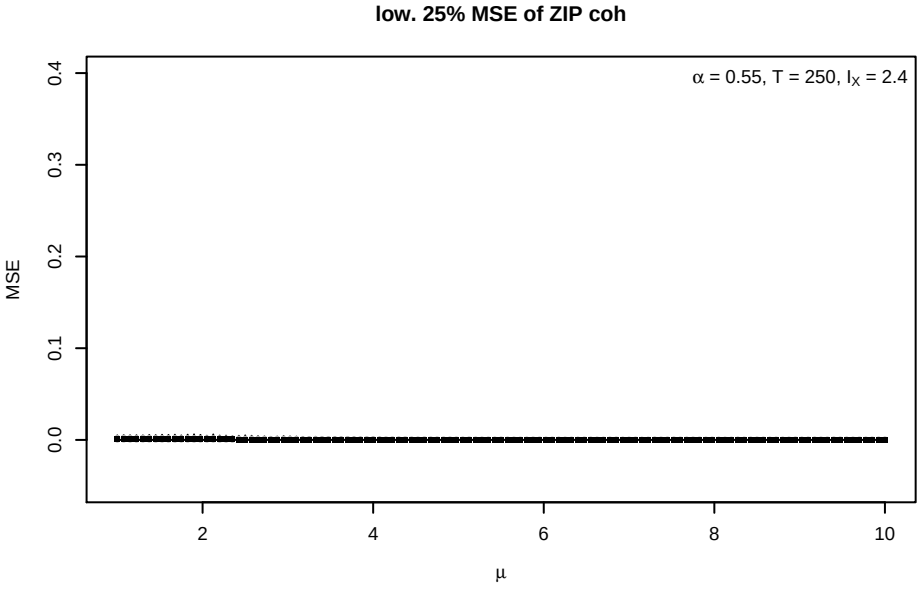

low. 25% MSE of ZIP cca
α = 0.55, T = 250, I_X = 1.4
MSE
μ

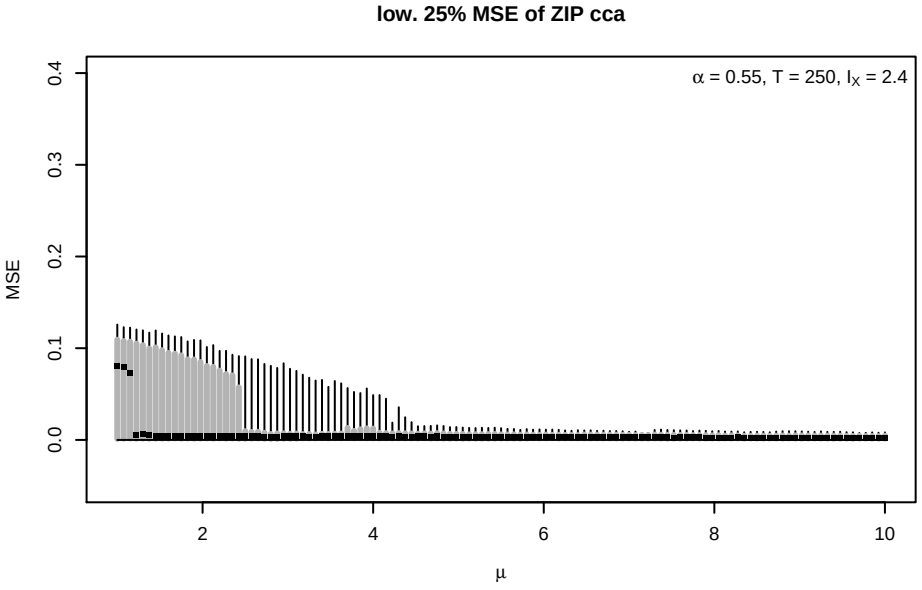

up. 10% MSE of ZIP coh
α = 0.55, T = 250, I_X = 1.4
MSE
μ

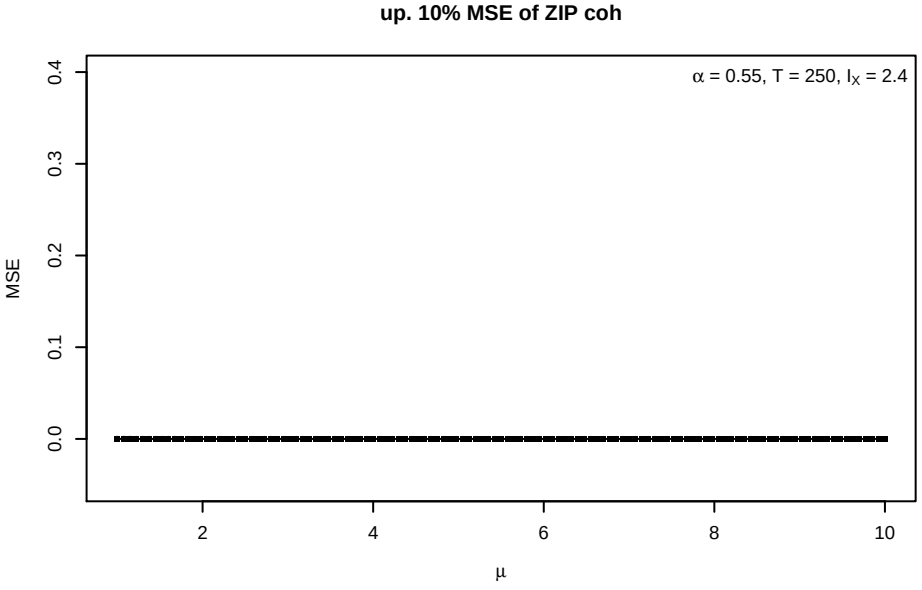

up. 10% MSE of ZIP cca
α = 0.55, T = 250, I_X = 1.4
MSE
μ

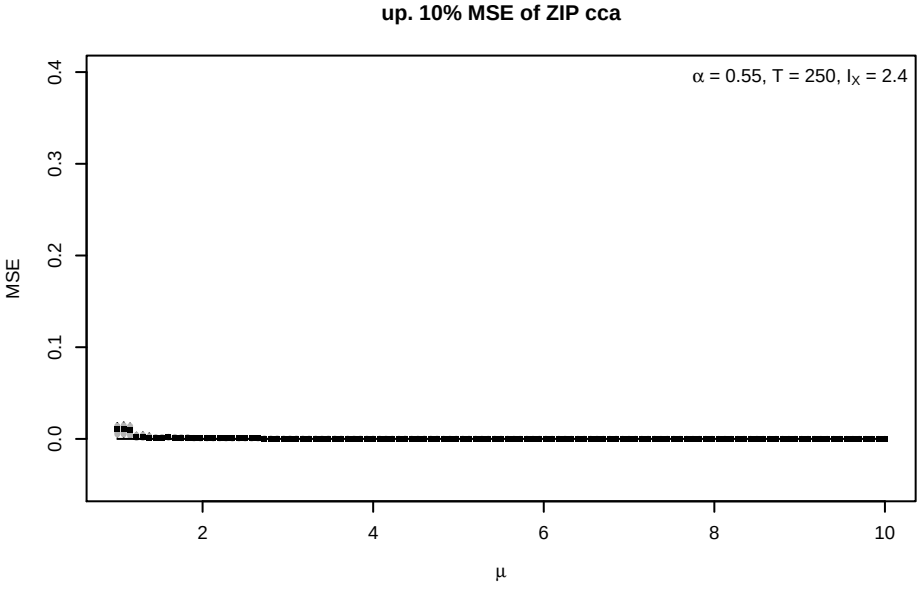

glob. MSE of ZIP coh
α = 0.55, T = 250, I_X = 2.4
MSE
0.0
0.1
0.2
0.3
0.4
2
4
6
8
10
μ

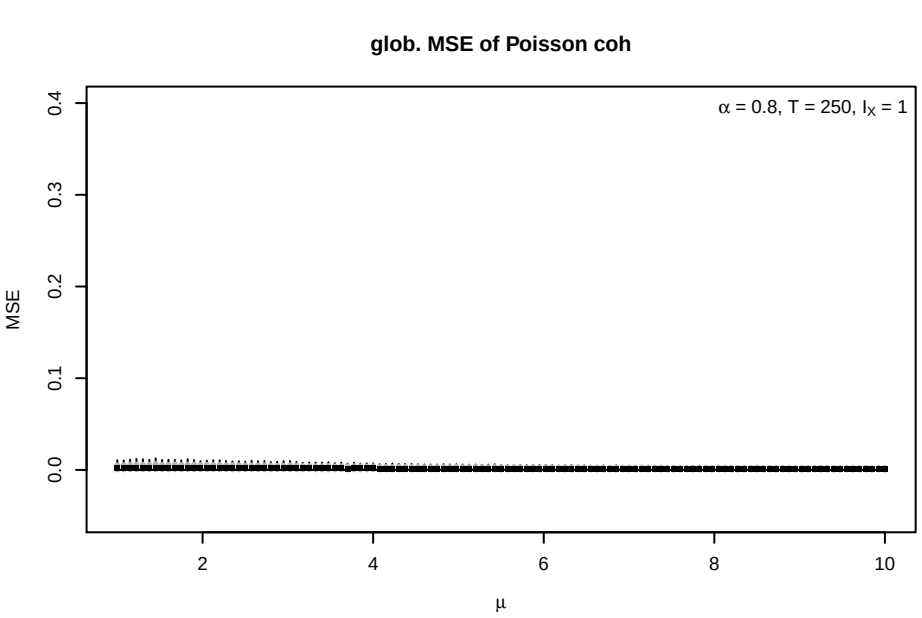

glob. MSE of ZIP cca
α = 0.55, T = 250, I_X = 2.4
MSE
0.0
0.1
0.2
0.3
0.4
2
4
6
8
10
μ

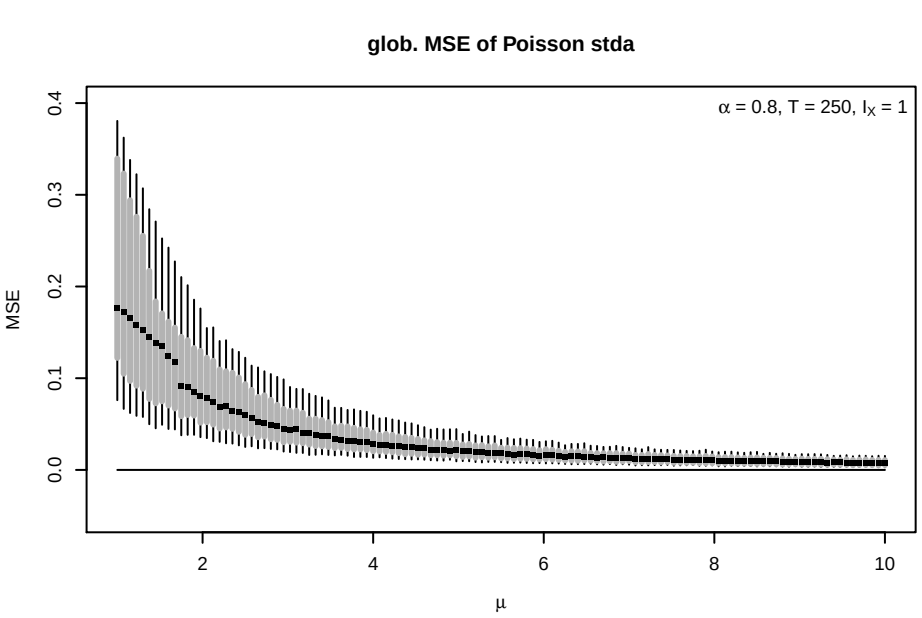

low. 25% MSE of ZIP coh
α = 0.55, T = 250, I_X = 2.4
MSE
0.0
0.1
0.2
0.3
0.4
2
4
6
8
10
μ

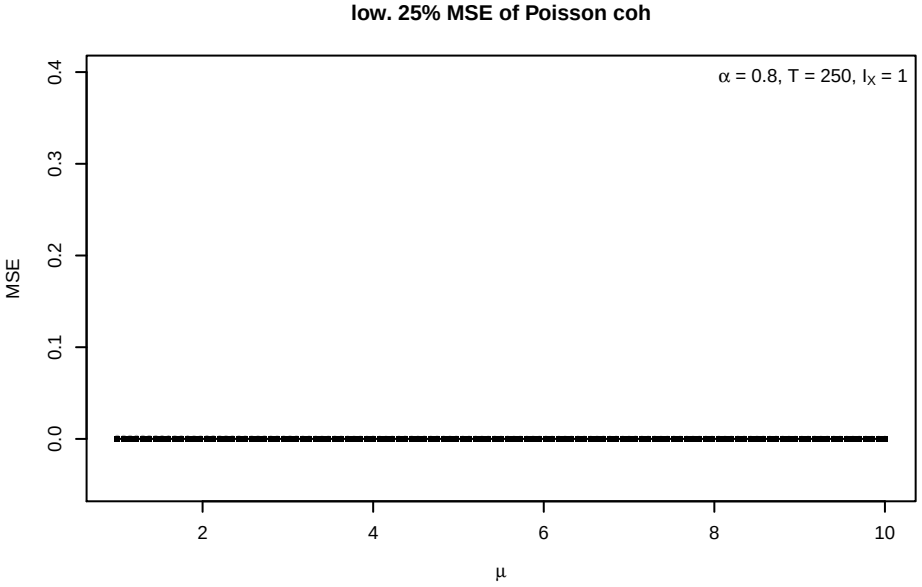

low. 25% MSE of ZIP cca
α = 0.55, T = 250, I_X = 2.4
MSE
0.0
0.1
0.2
0.3
0.4
2
4
6
8
10
μ

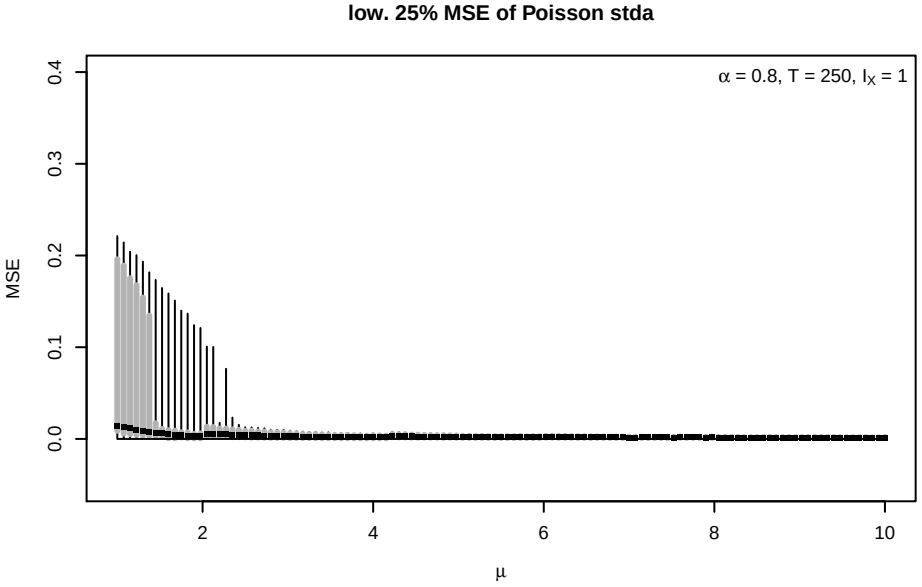

up. 10% MSE of ZIP coh
α = 0.55, T = 250, I_X = 2.4
MSE
0.0
0.1
0.2
0.3
0.4
2
4
6
8
10
μ

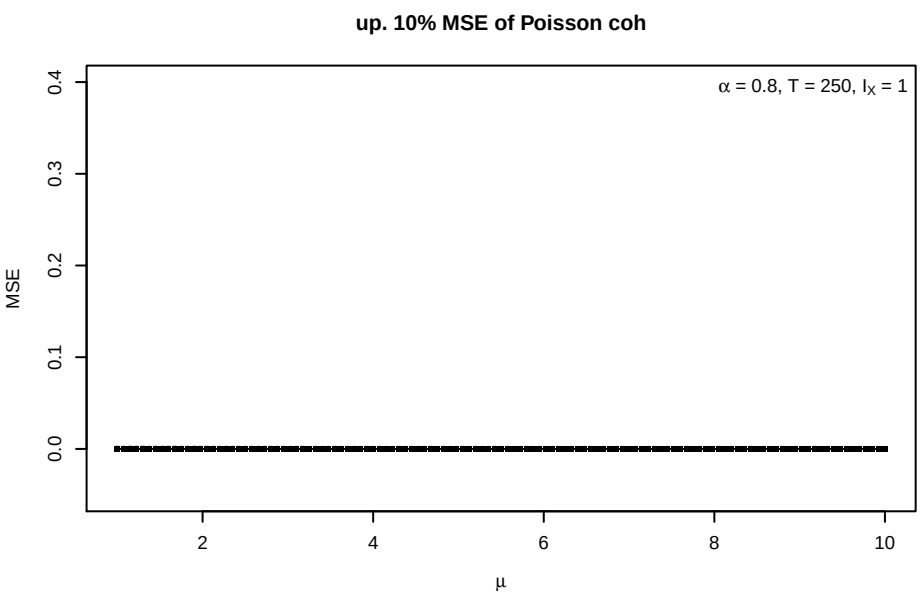

up. 10% MSE of ZIP cca
α = 0.55, T = 250, I_X = 2.4
MSE
0.0
0.1
0.2
0.3
0.4
2
4
6
8
10
μ

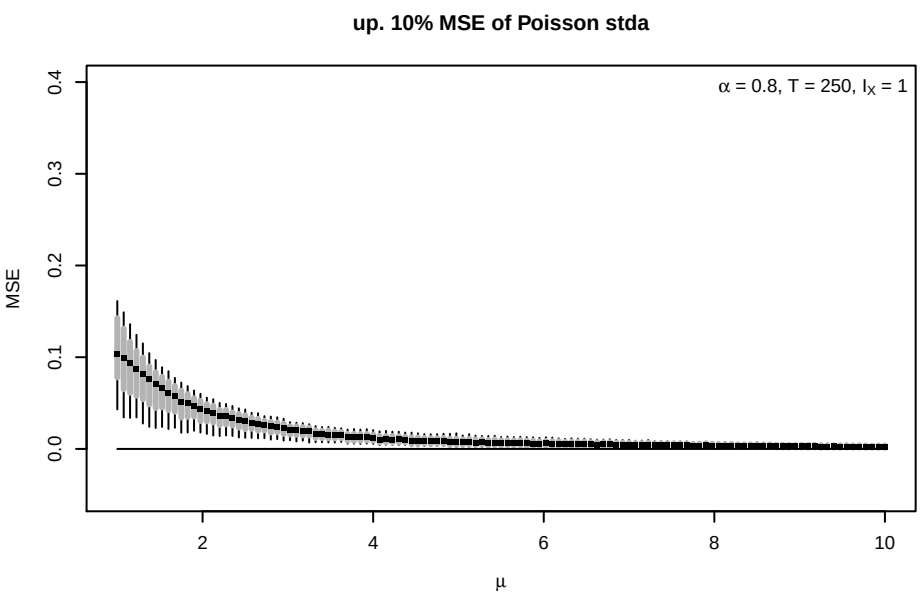

glob. MSE of Poisson coh
α = 0.8, T = 250, I_X = 1
MSE
μ

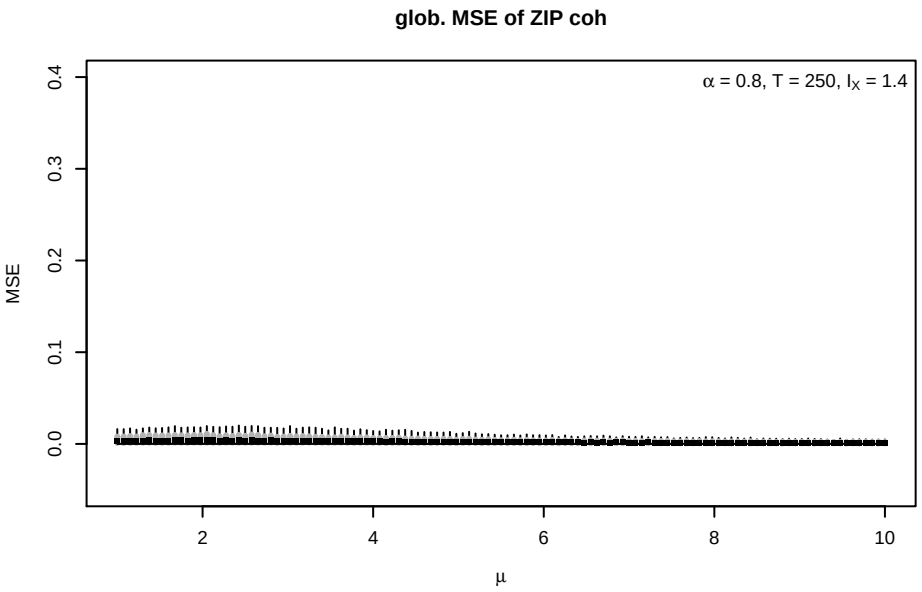

glob. MSE of Poisson stda
α = 0.8, T = 250, I_X = 1
MSE
μ

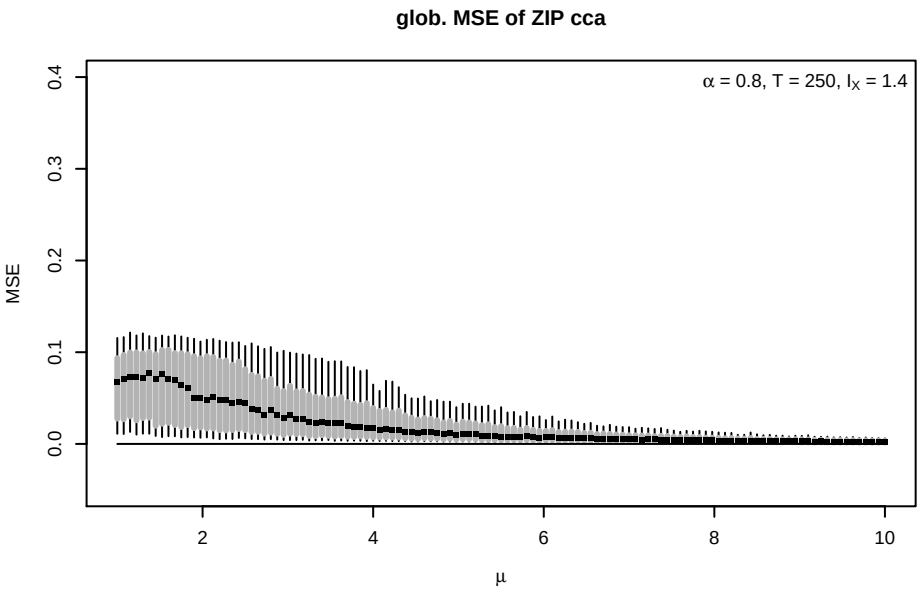

low. 25% MSE of Poisson coh
α = 0.8, T = 250, I_X = 1
MSE
μ

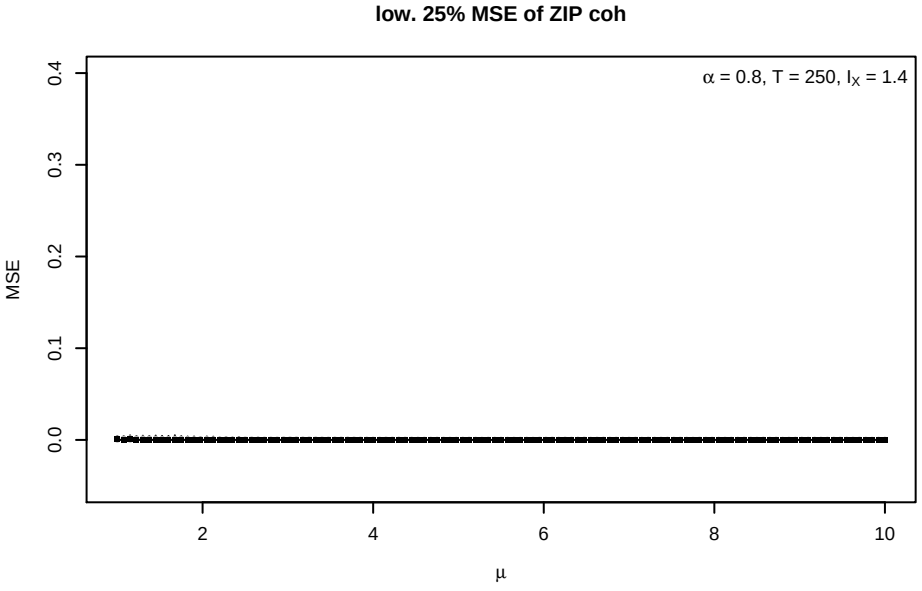

low. 25% MSE of Poisson stda
α = 0.8, T = 250, I_X = 1
MSE
μ

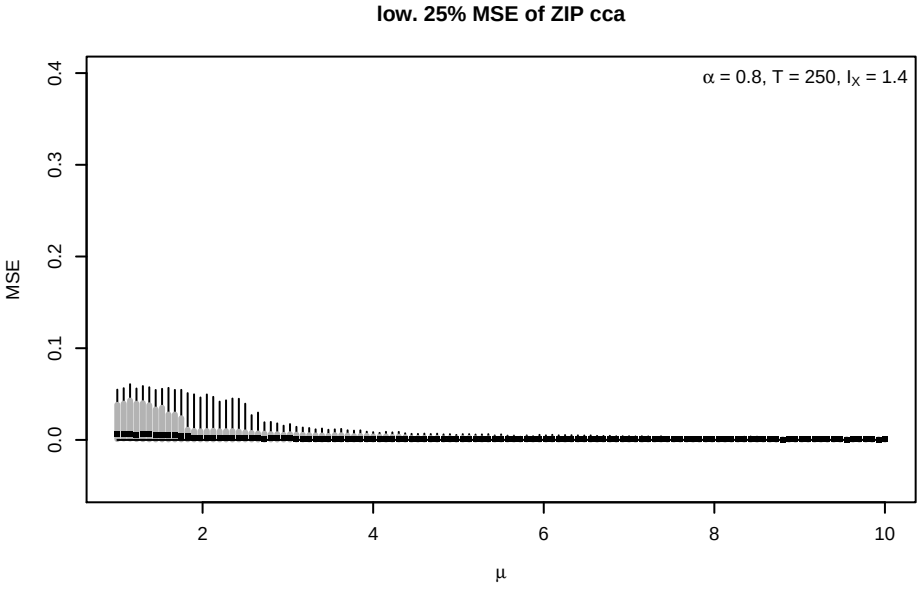

up. 10% MSE of Poisson coh
α = 0.8, T = 250, I_X = 1
MSE
μ

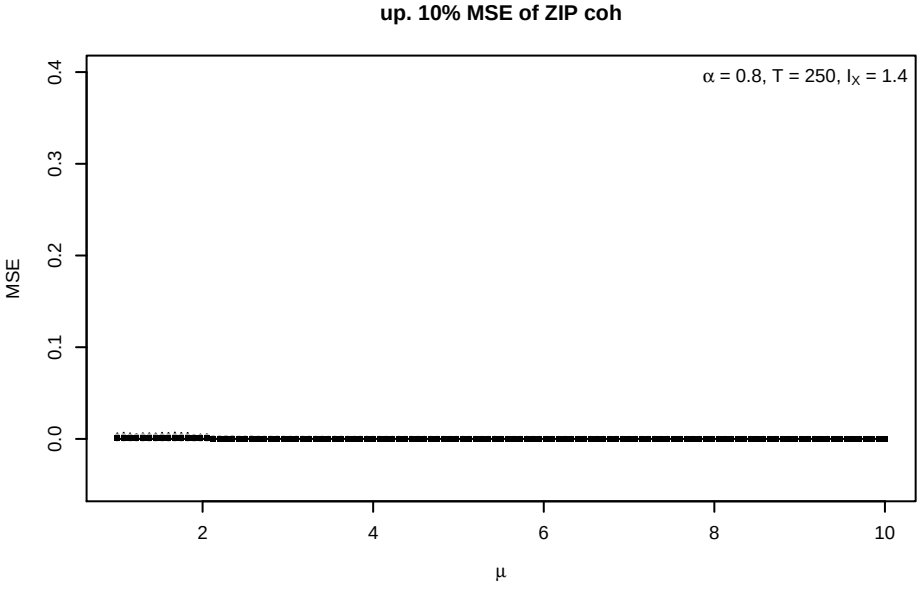

up. 10% MSE of Poisson stda
α = 0.8, T = 250, I_X = 1
MSE
μ

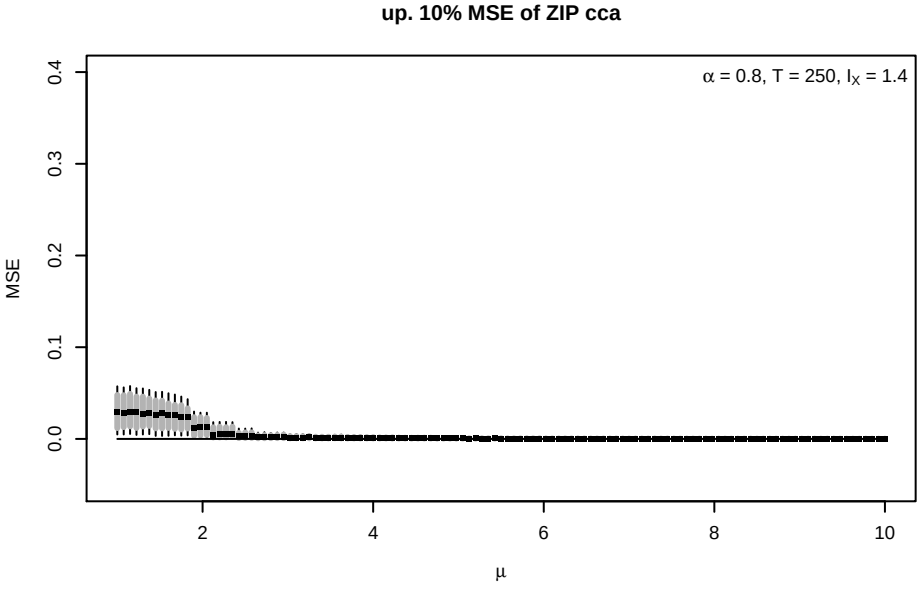

glob. MSE of ZIP coh
α = 0.8, T = 250, I_X = 1.4
MSE
μ

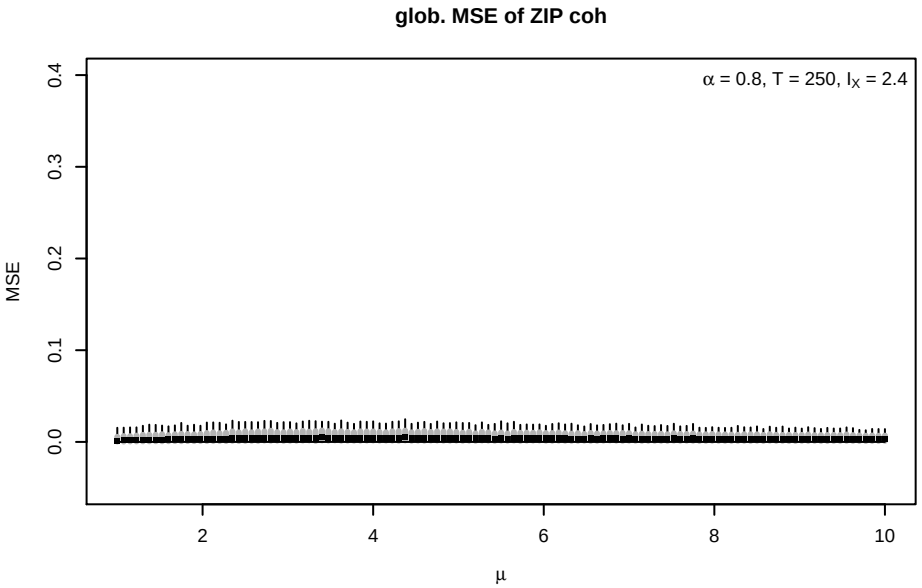

glob. MSE of ZIP cca
α = 0.8, T = 250, I_X = 1.4
MSE
μ

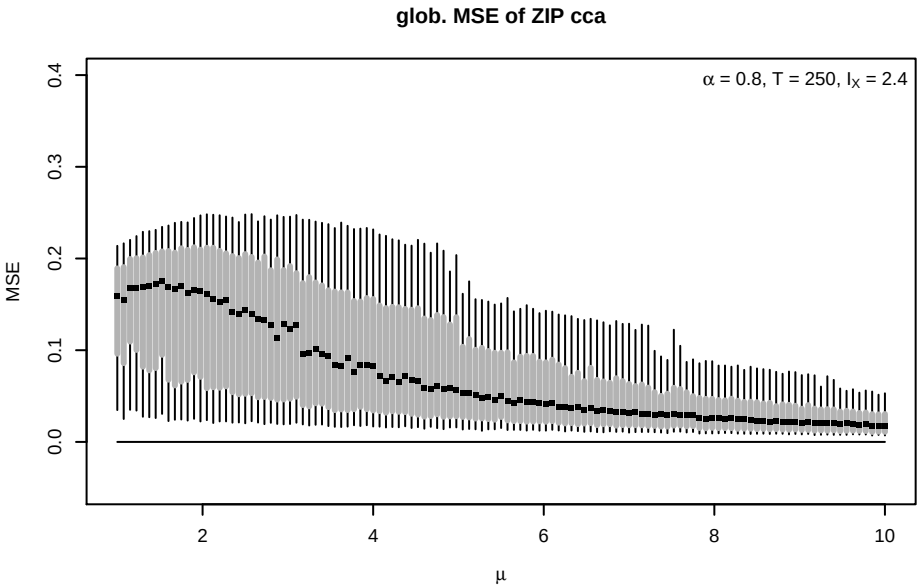

low. 25% MSE of ZIP coh
α = 0.8, T = 250, I_X = 1.4
MSE
μ

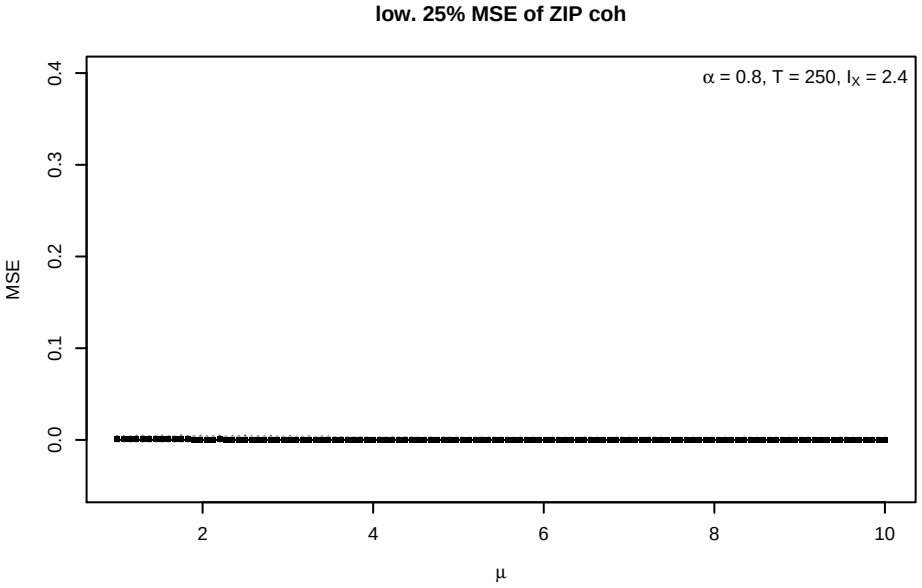

low. 25% MSE of ZIP cca
α = 0.8, T = 250, I_X = 1.4
MSE
μ

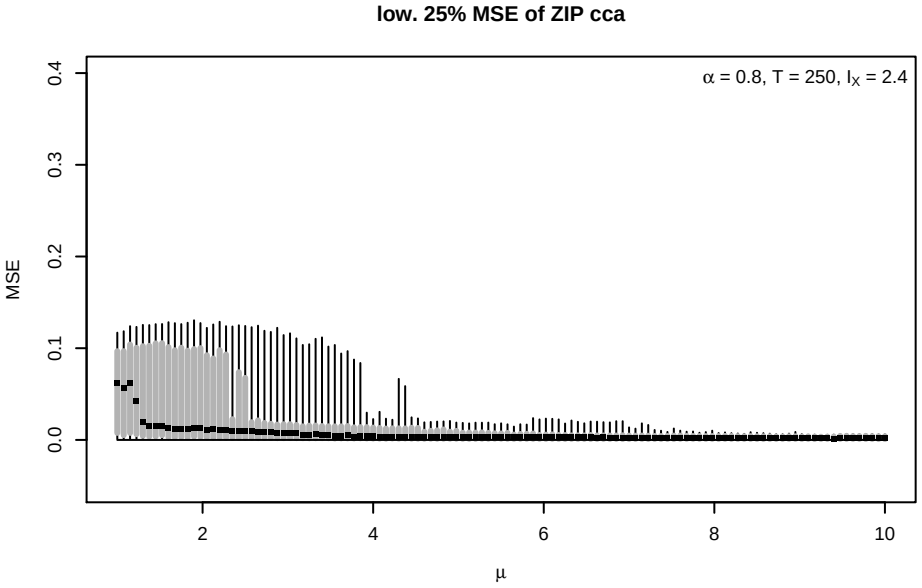

up. 10% MSE of ZIP coh
α = 0.8, T = 250, I_X = 1.4
MSE
μ

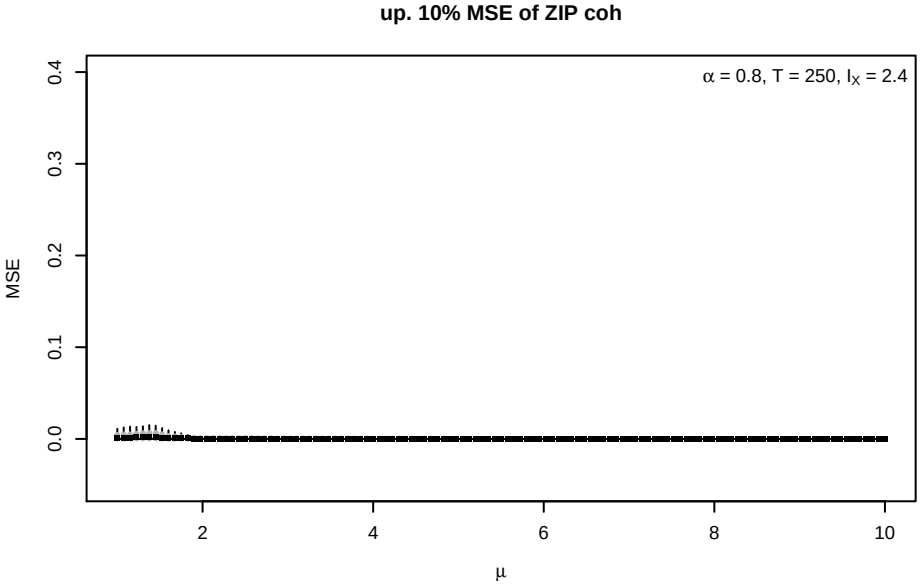

up. 10% MSE of ZIP cca
α = 0.8, T = 250, I_X = 1.4
MSE
μ

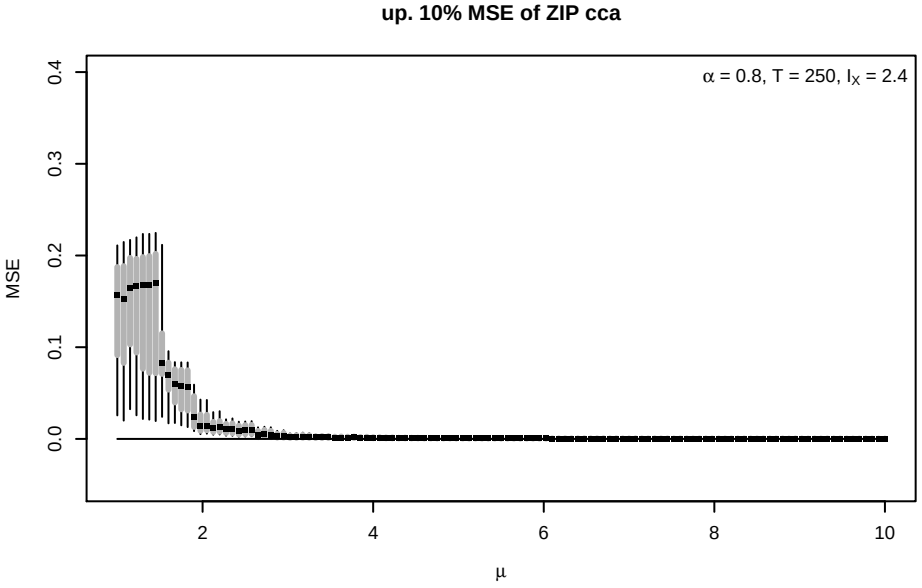

glob. MSE of ZIP coh
α = 0.8, T = 250, I_X = 2.4
MSE
μ

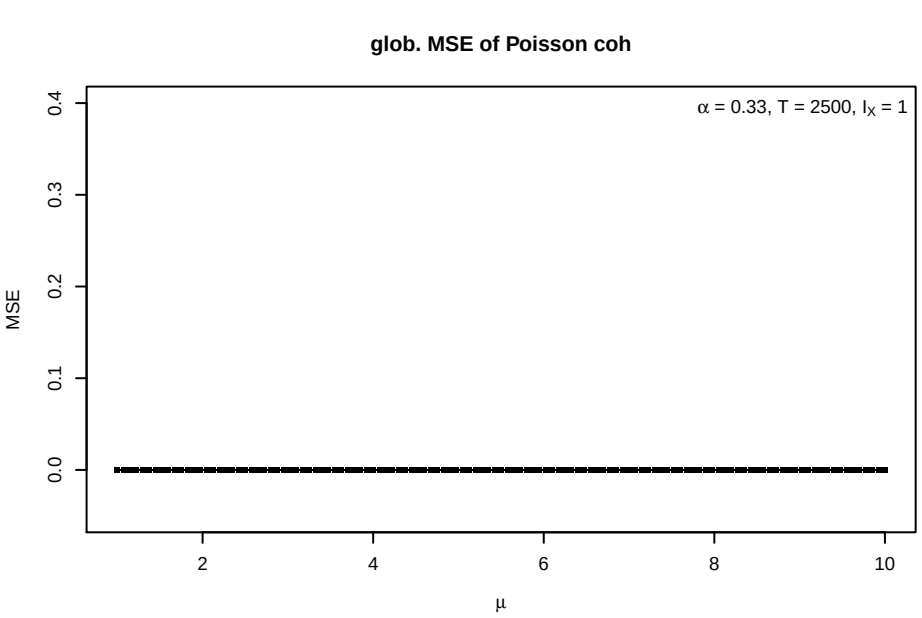

glob. MSE of ZIP cca
α = 0.8, T = 250, I_X = 2.4
MSE
μ

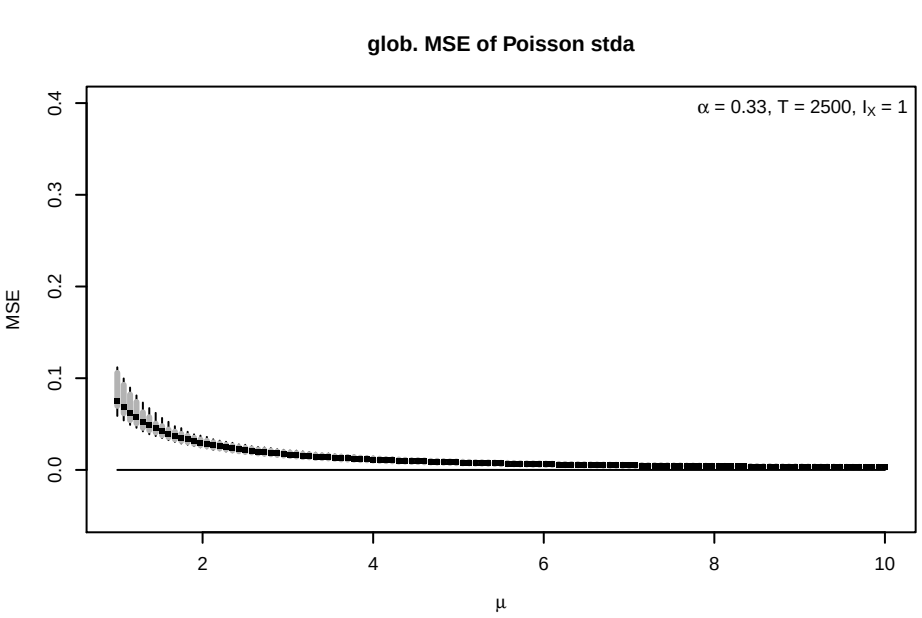

low. 25% MSE of ZIP coh
α = 0.8, T = 250, I_X = 2.4
MSE
μ


low. 25% MSE of ZIP cca
α = 0.8, T = 250, I_X = 2.4
MSE
μ


up. 10% MSE of ZIP coh
α = 0.8, T = 250, I_X = 2.4
MSE
μ


up. 10% MSE of ZIP cca
α = 0.8, T = 250, I_X = 2.4
MSE
μ


glob. MSE of Poisson coh
α = 0.33, T = 2500, I_X = 1
MSE
0.0
0.1
0.2
0.3
0.4
2
4
6
8
10
μ


glob. MSE of Poisson stda
α = 0.33, T = 2500, I_X = 1
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0.4
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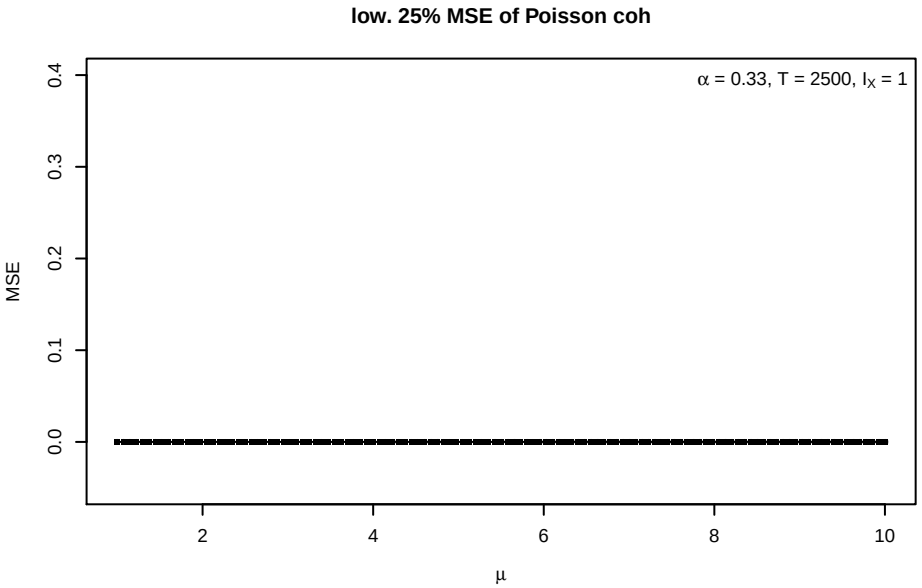
6
8
10
μ


low. 25% MSE of Poisson coh
α = 0.33, T = 2500, I_X = 1
MSE
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0.2
0.3
0.4
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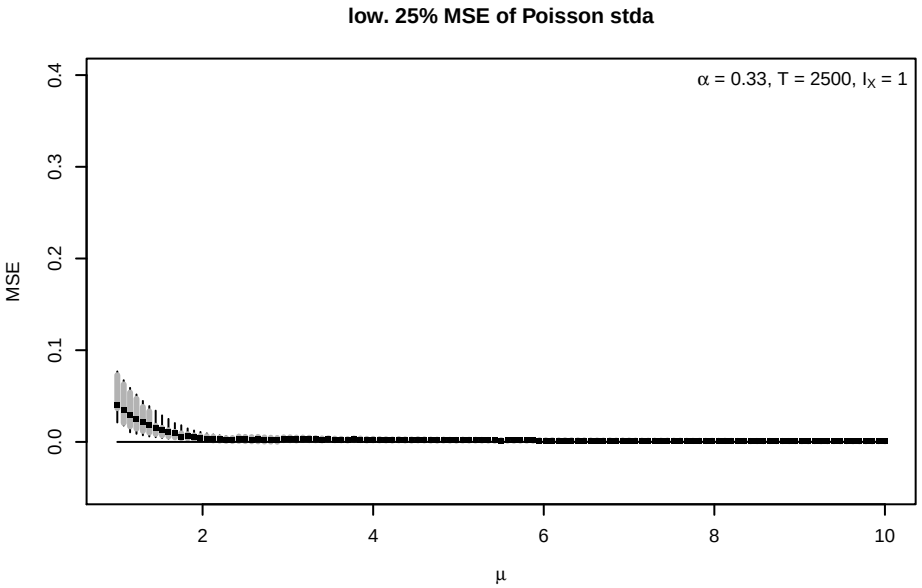
6
8
10
μ


low. 25% MSE of Poisson stda
α = 0.33, T = 2500, I_X = 1
MSE
0.0
0.1
0.2
0.3
0.4
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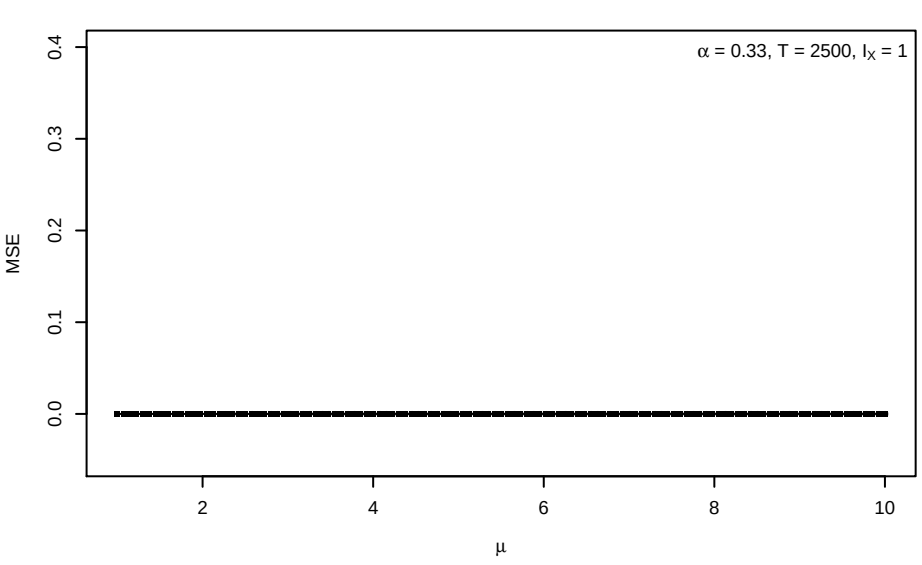
6
8
10
μ


up. 10% MSE of Poisson coh
α = 0.33, T = 2500, I_X = 1
MSE
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0.1
0.2
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0.4
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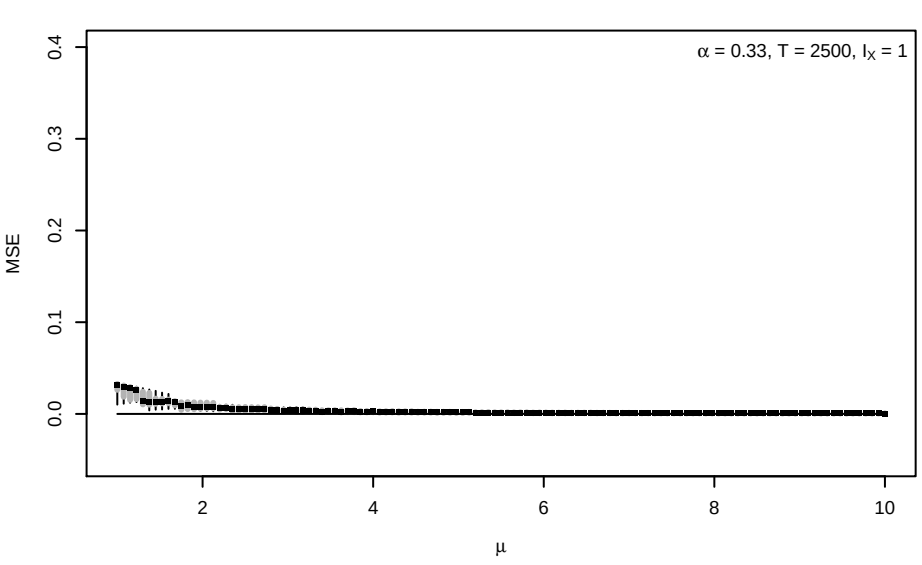
6
8
10
μ


up. 10% MSE of Poisson stda
α = 0.33, T = 2500, I_X = 1
MSE
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0.1
0.2
0.3
0.4
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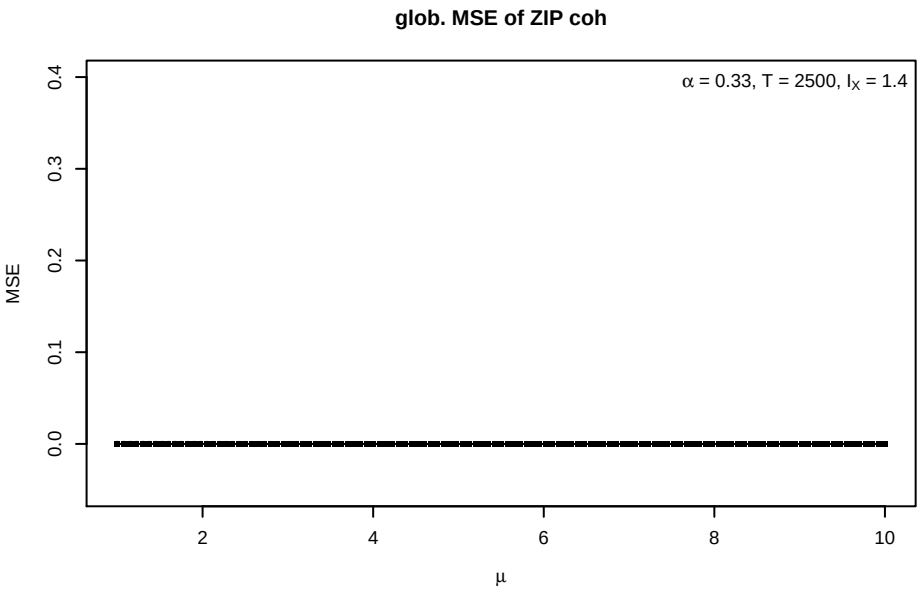
6
8
10
μ


glob. MSE of ZIP coh
α = 0.33, T = 2500, I_X = 1.4
MSE
0.0
0.1
0.2
0.3
0.4
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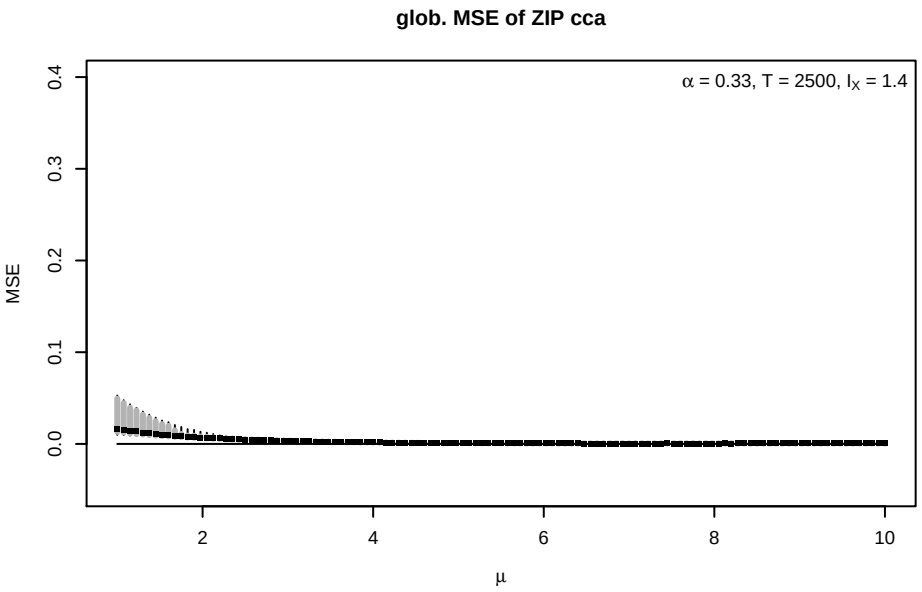
6
8
10
μ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α = 0.33, T = 2500, I_X = 1.4
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0.0
0.1
0.2
0.3
0.4
2
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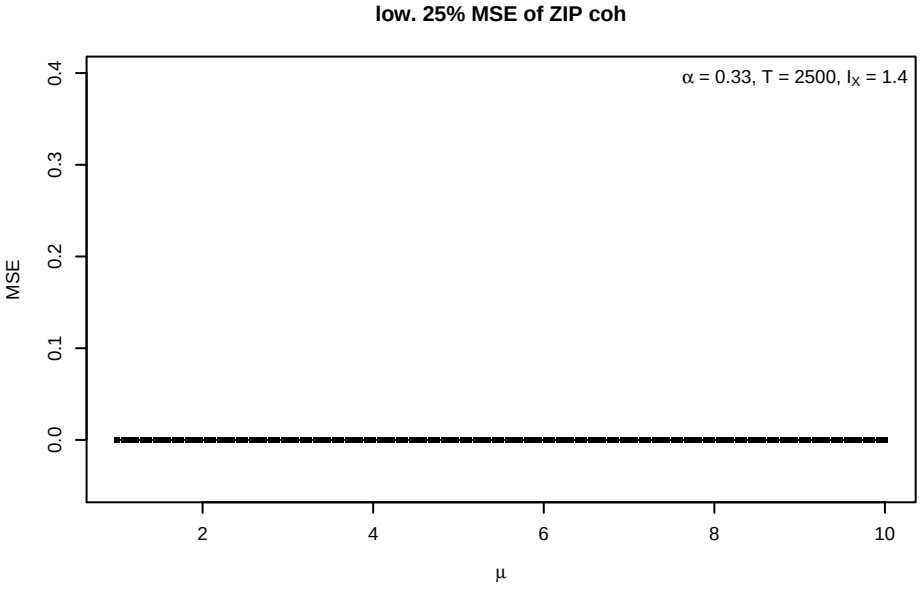
6
8
10
μ


low. 25% MSE of ZIP coh
α = 0.33, T = 2500, I_X = 1.4
MSE
0.0
0.1
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0.4
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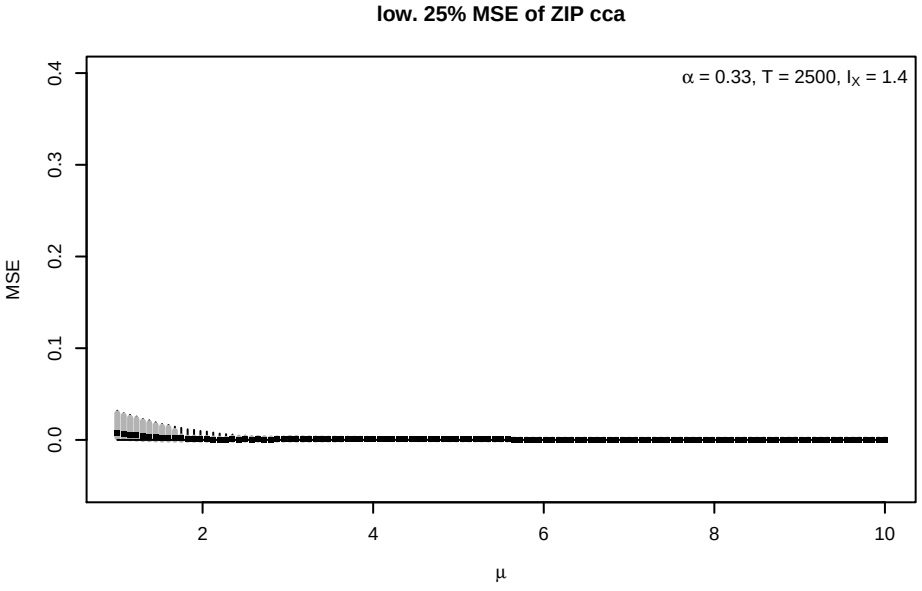
6
8
10
μ


low. 25% MSE of ZIP cca
α = 0.33, T = 2500, I_X = 1.4
MSE
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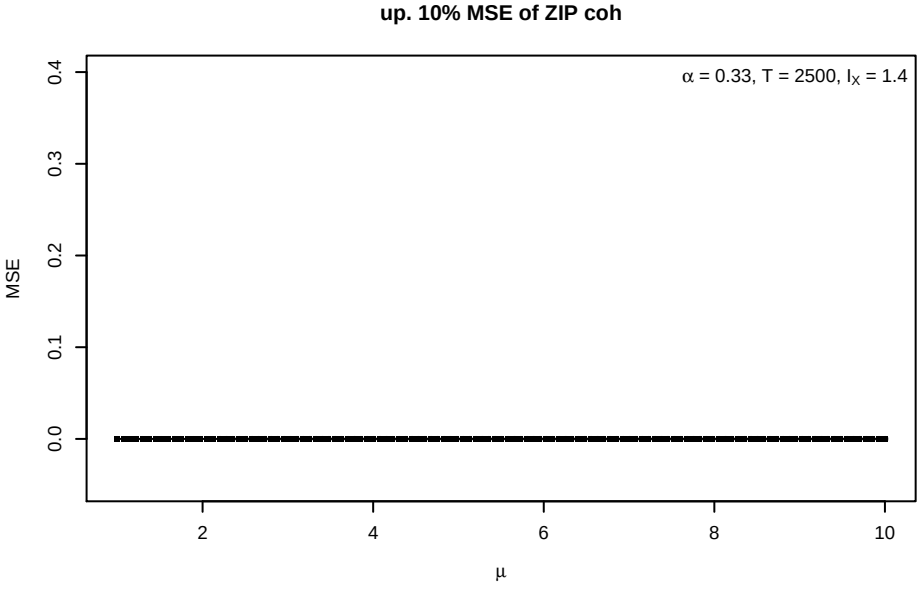
10
μ


up. 10% MSE of ZIP coh
α = 0.33, T = 2500, I_X = 1.4
MSE
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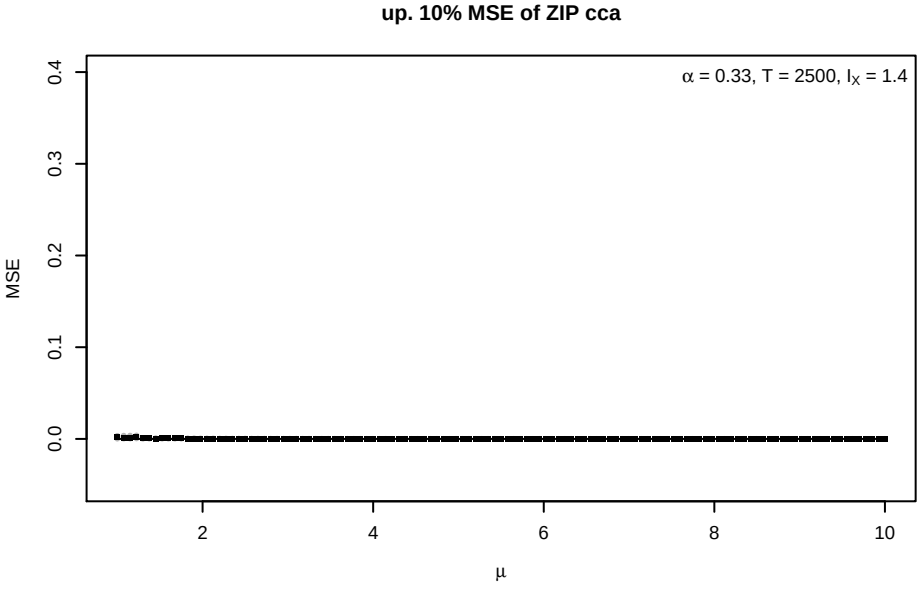
10
μ


up. 10% MSE of ZIP cca
α = 0.33, T = 2500, I_X = 1.4
MSE
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6
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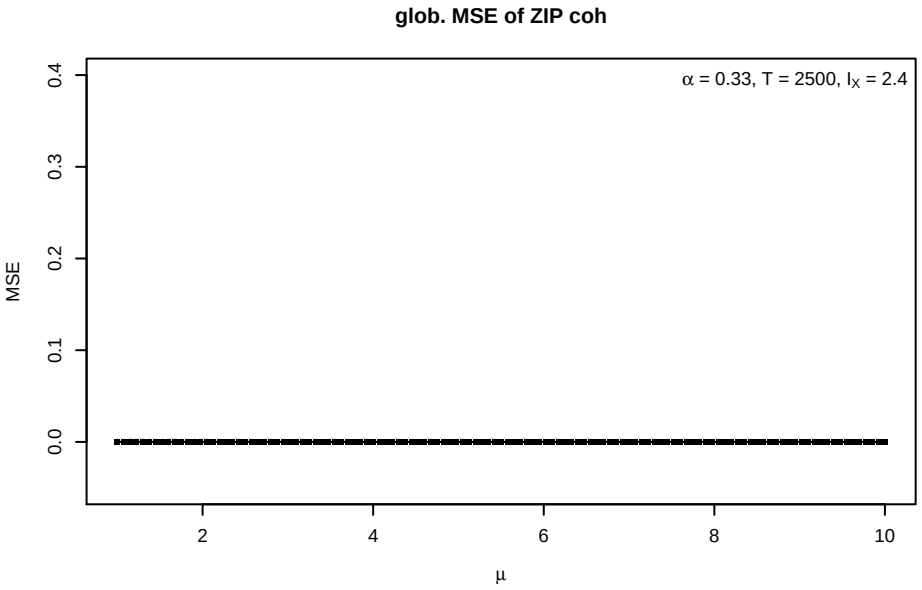
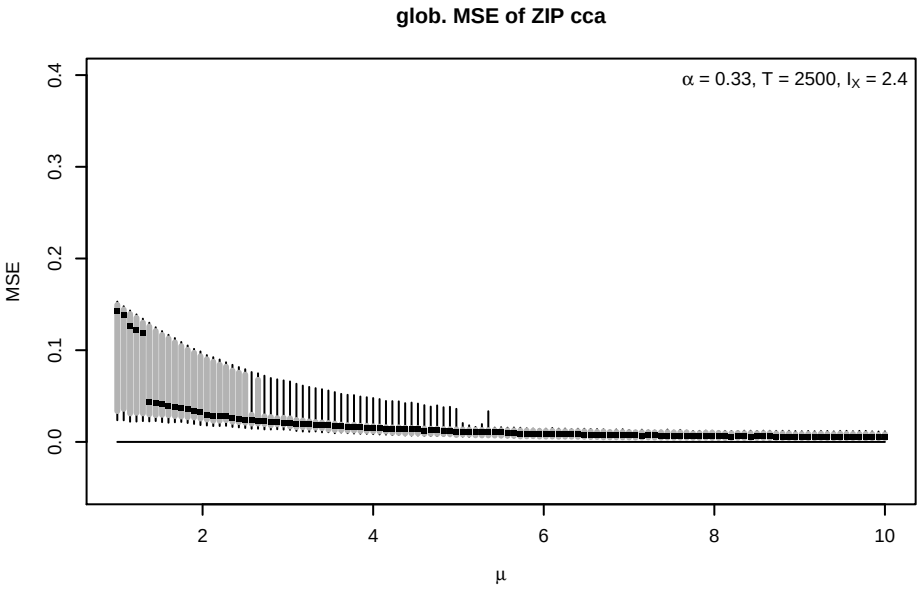
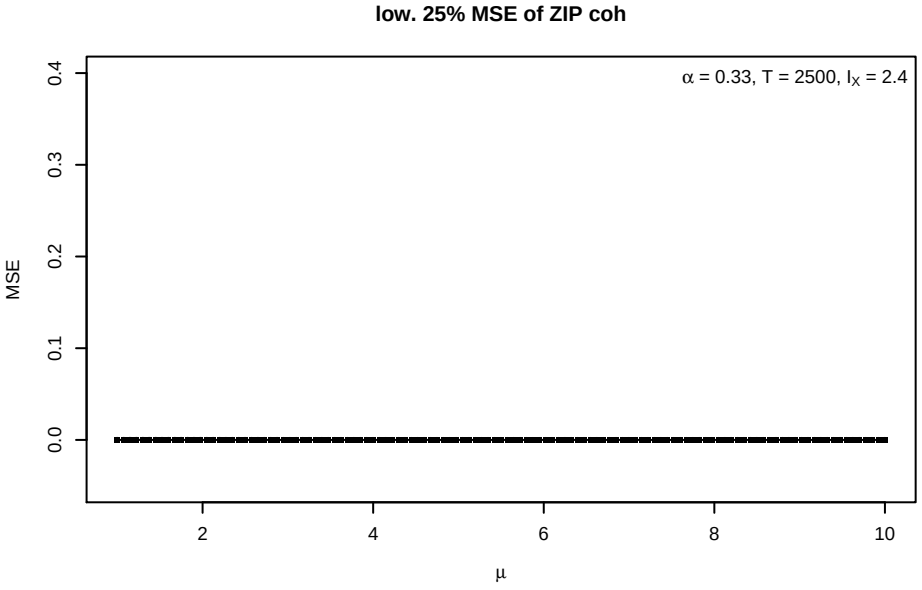
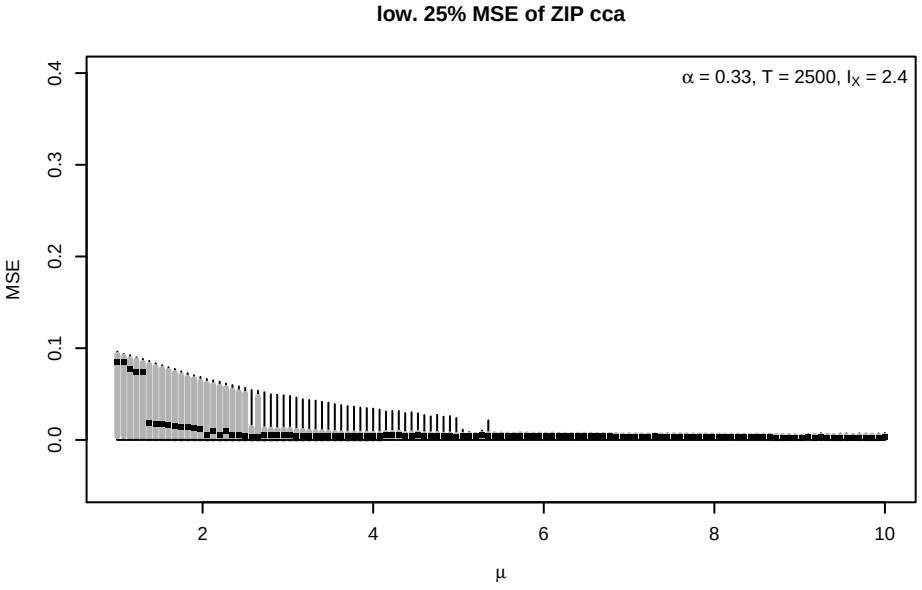
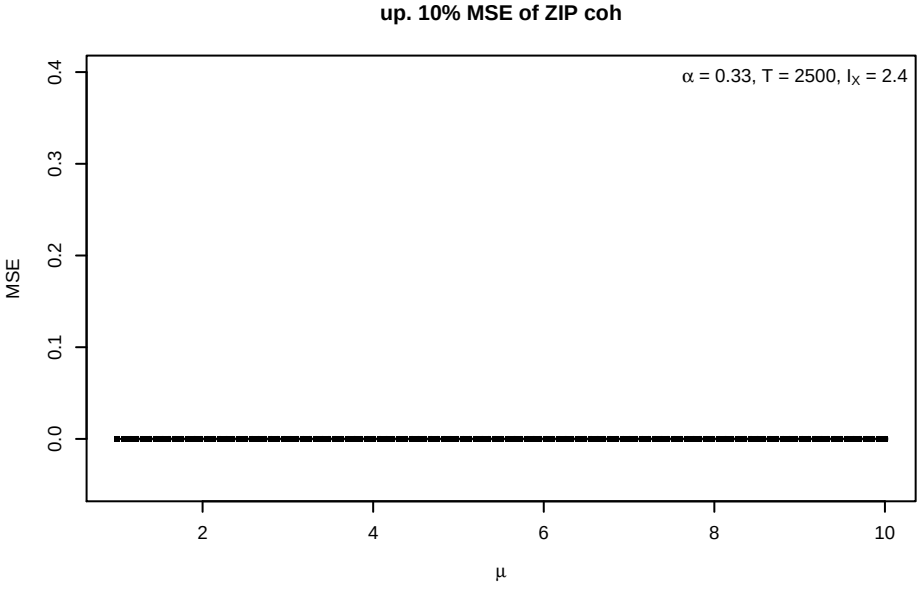
10
μ

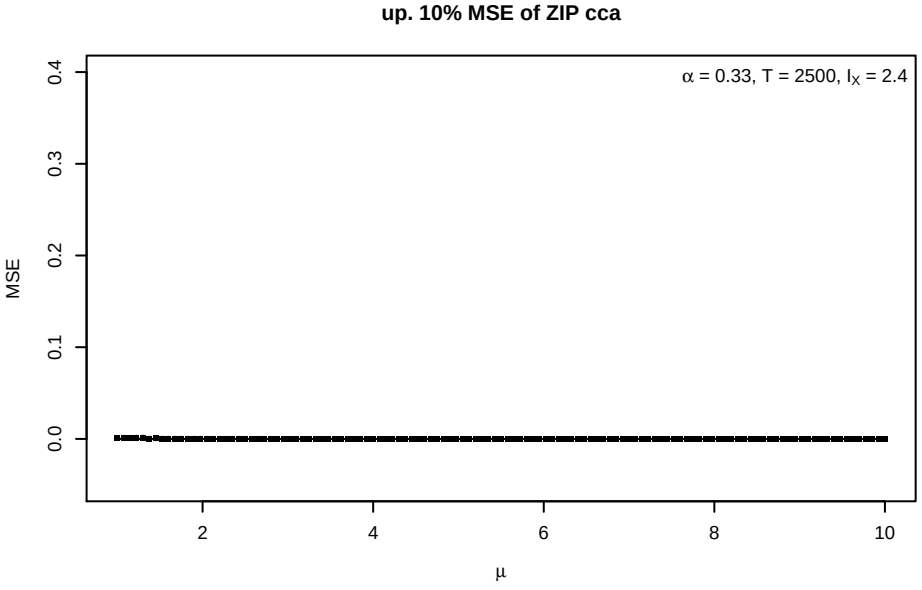

glob. MSE of ZIP coh
α = 0.33, T = 2500, I_X = 2.4
MSE
μ

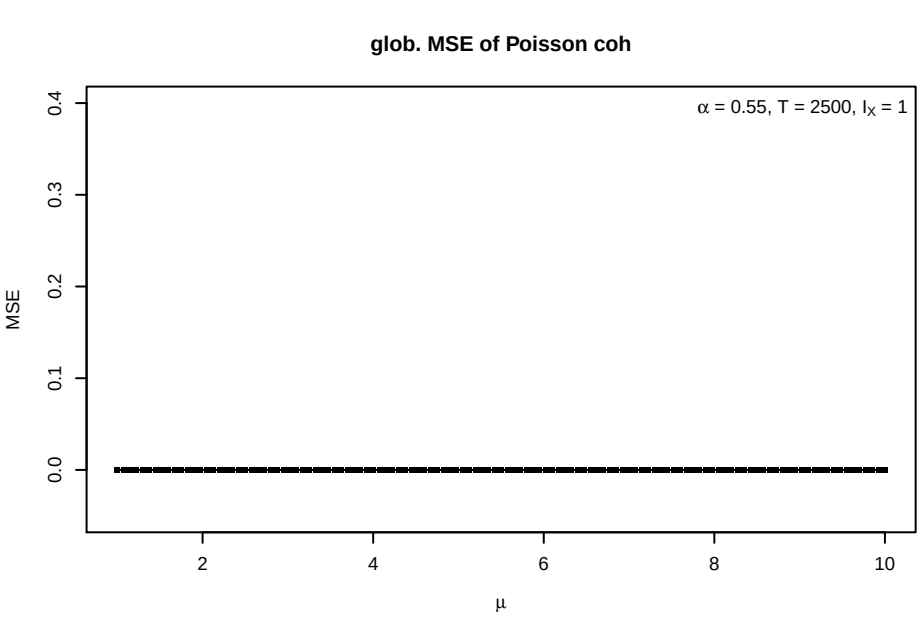

glob. MSE of ZIP cca
α = 0.33, T = 2500, I_X = 2.4
MSE
μ

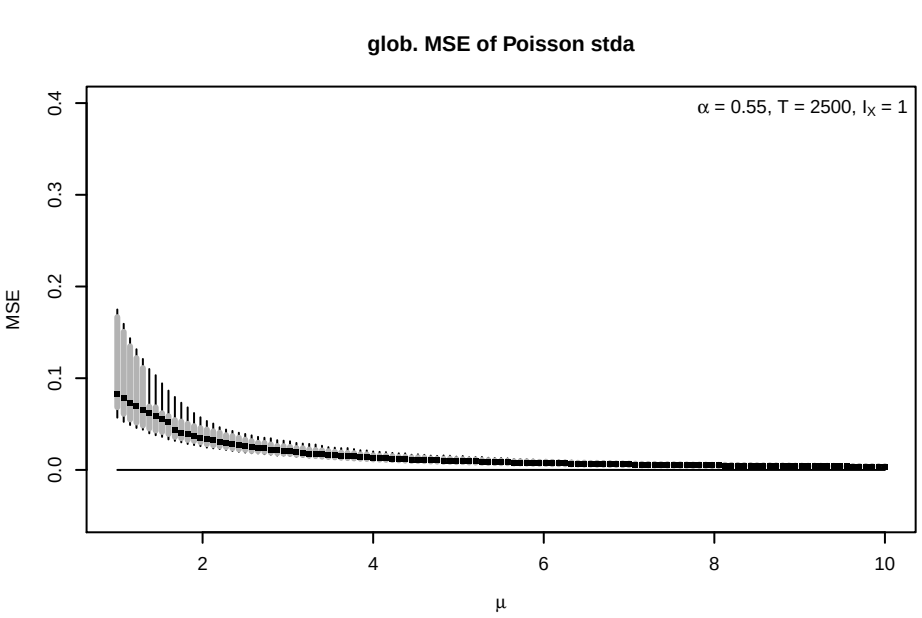

low. 25% MSE of ZIP coh
α = 0.33, T = 2500, I_X = 2.4
MSE
μ

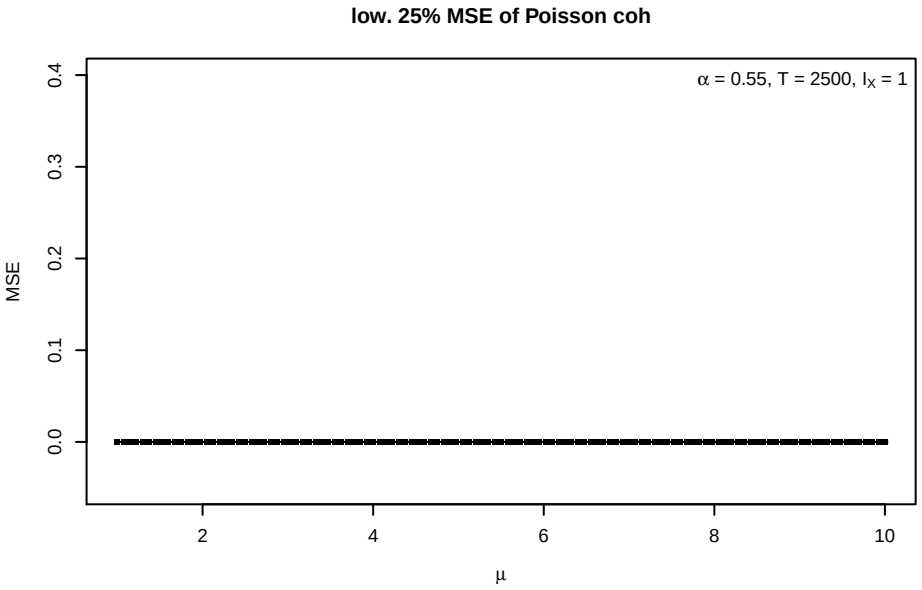

low. 25% MSE of ZIP cca
α = 0.33, T = 2500, I_X = 2.4
MSE
μ

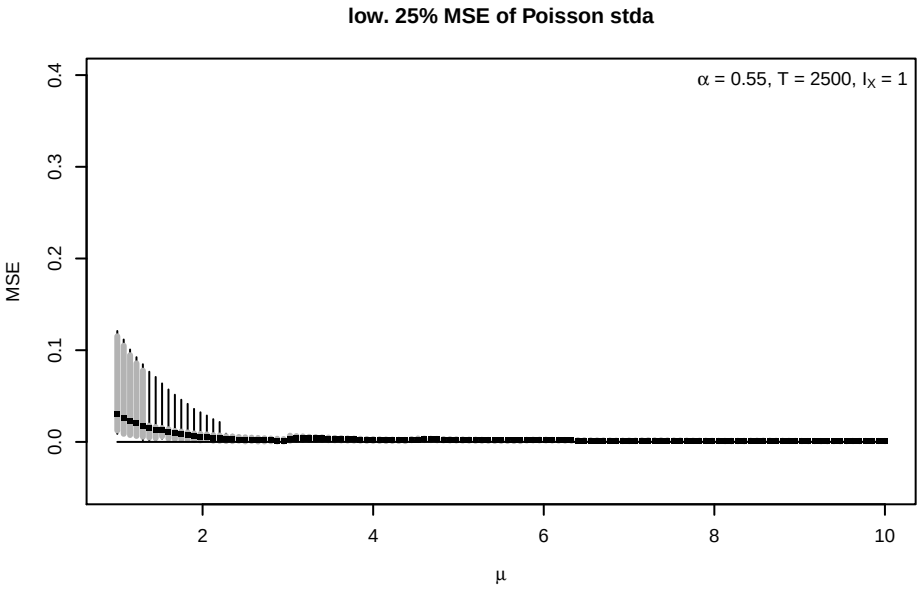

up. 10% MSE of ZIP coh
α = 0.33, T = 2500, I_X = 2.4
MSE
μ

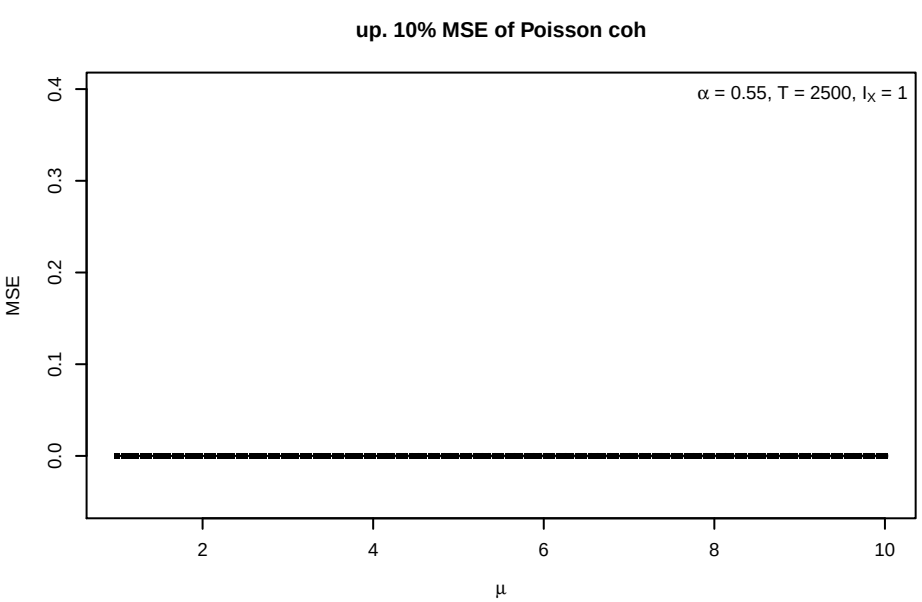

up. 10% MSE of ZIP cca
α = 0.33, T = 2500, I_X = 2.4
MSE
μ

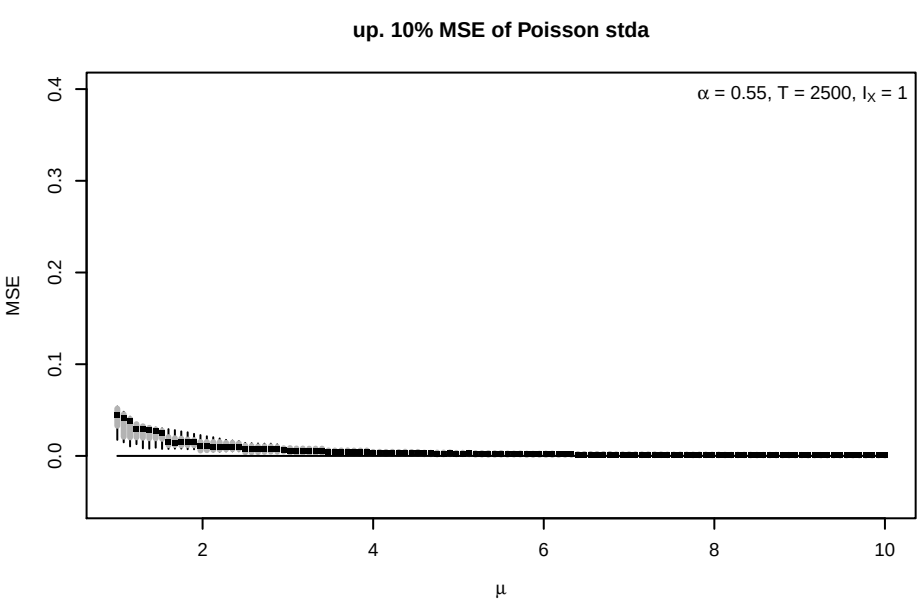

glob. MSE of Poisson coh
α = 0.55, T = 2500, I_X = 1
MSE
μ

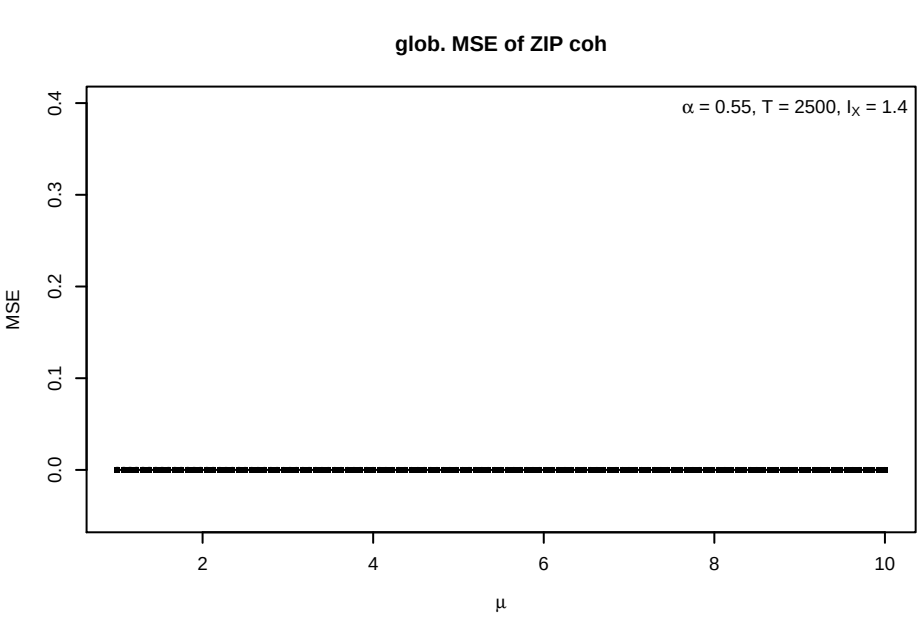

glob. MSE of Poisson stda
α = 0.55, T = 2500, I_X = 1
MSE
μ

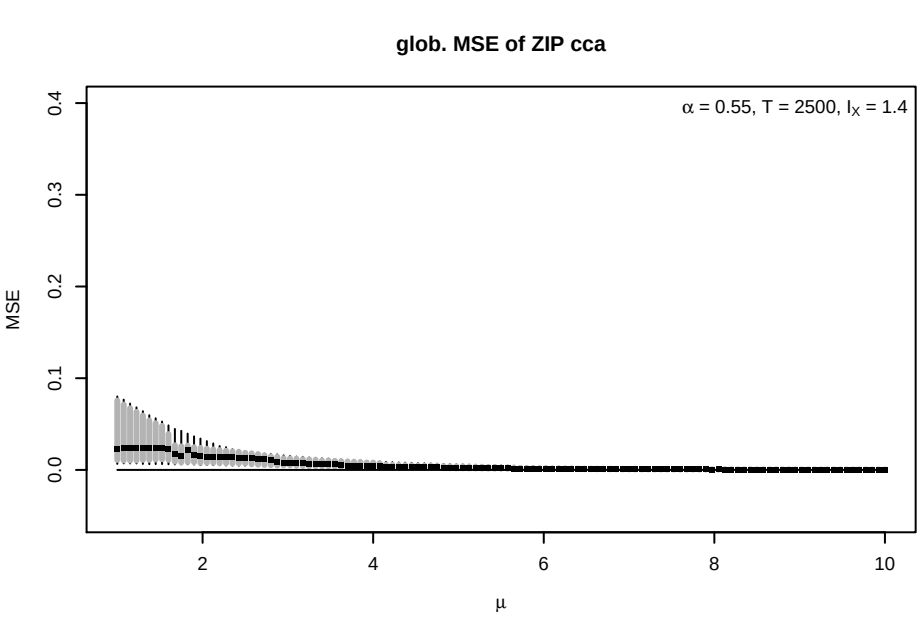

low. 25% MSE of Poisson coh
α = 0.55, T = 2500, I_X = 1
MSE
μ

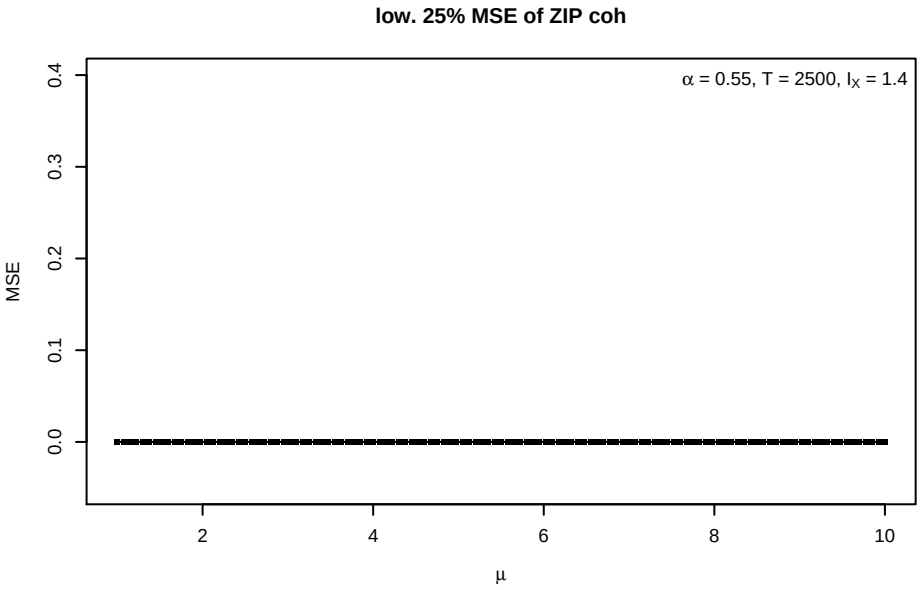

low. 25% MSE of Poisson stda
α = 0.55, T = 2500, I_X = 1
MSE
μ

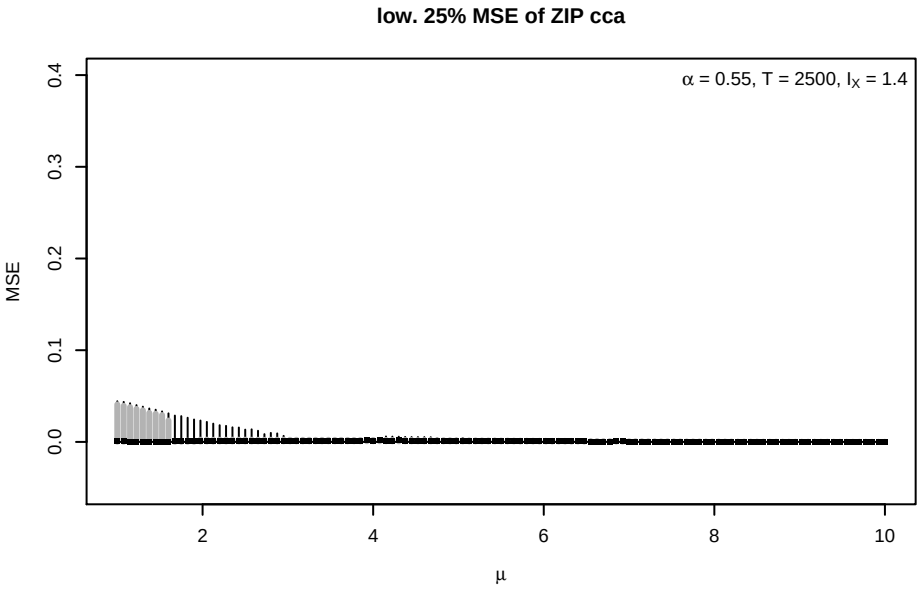

up. 10% MSE of Poisson coh
α = 0.55, T = 2500, I_X = 1
MSE
μ

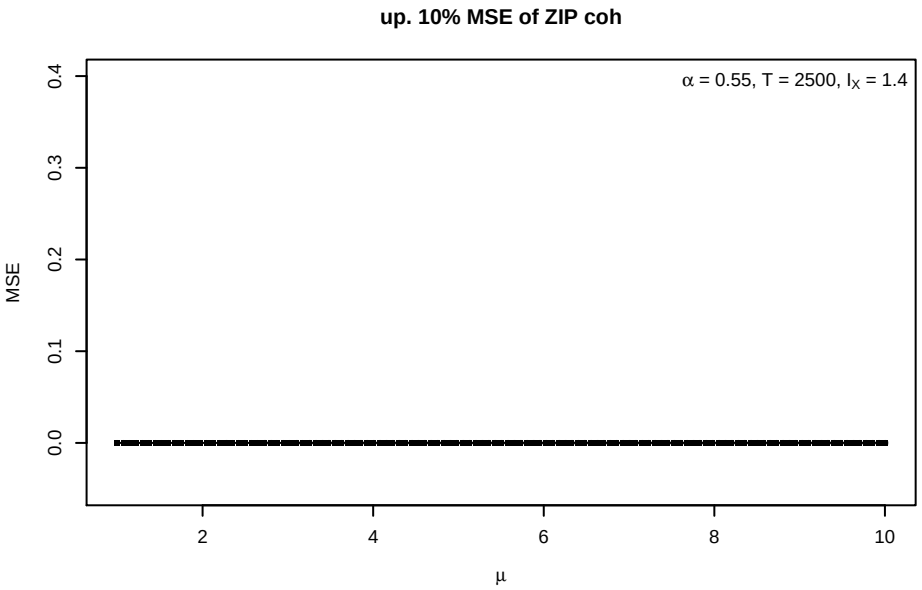

up. 10% MSE of Poisson stda
α = 0.55, T = 2500, I_X = 1
MSE
μ

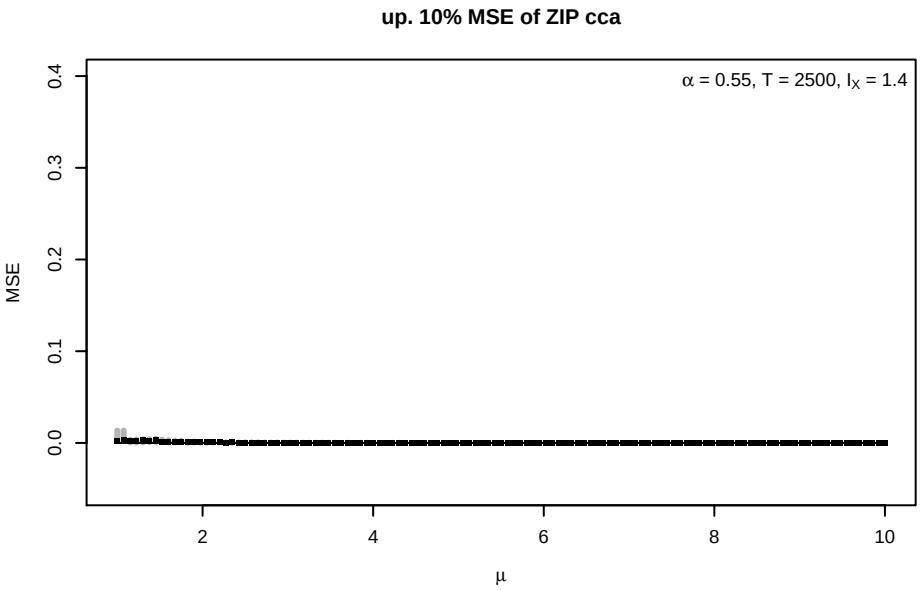

glob. MSE of ZIP coh
α = 0.55, T = 2500, I_X = 1.4
MSE
μ

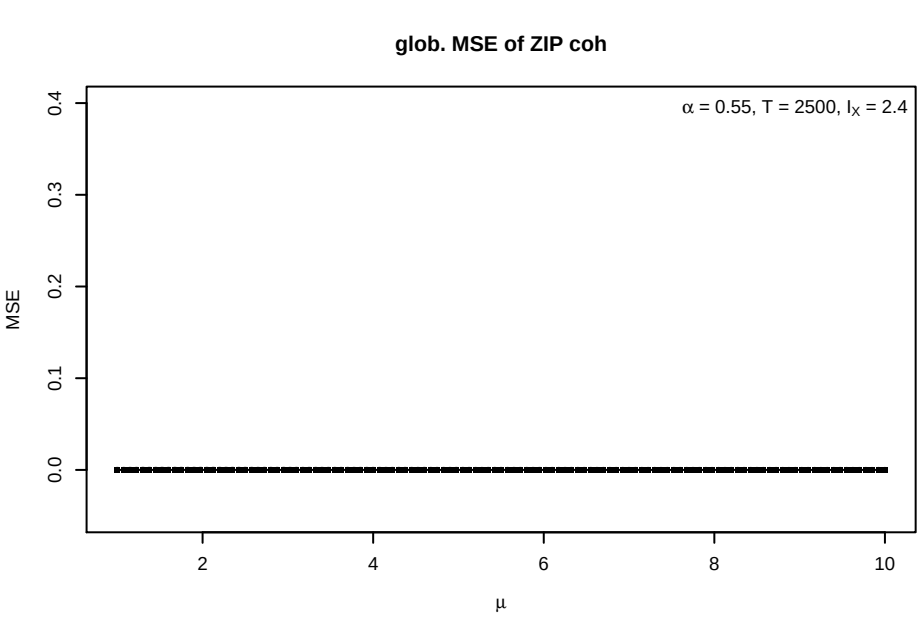

glob. MSE of ZIP cca
α = 0.55, T = 2500, I_X = 1.4
MSE
μ

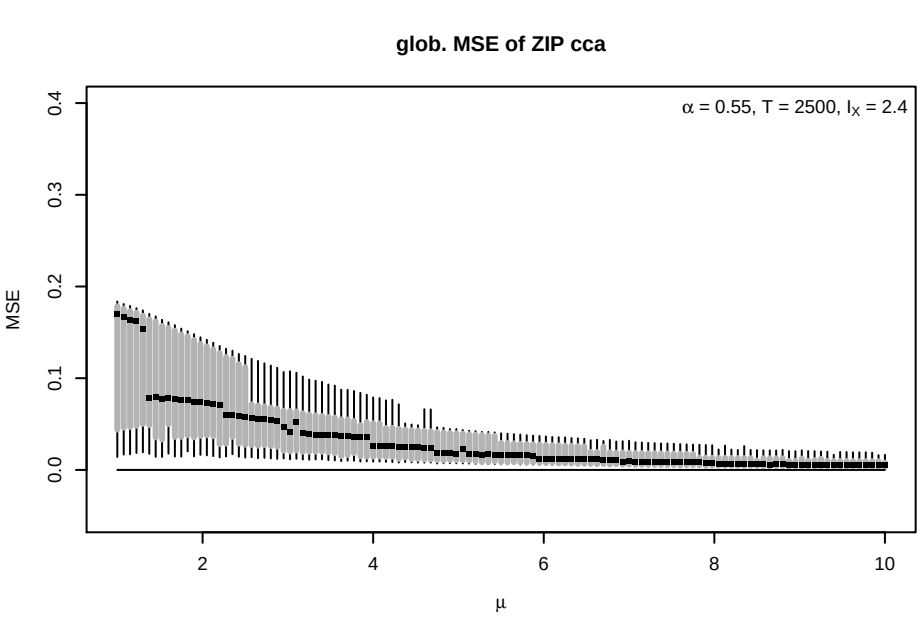

low. 25% MSE of ZIP coh
α = 0.55, T = 2500, I_X = 1.4
MSE
μ

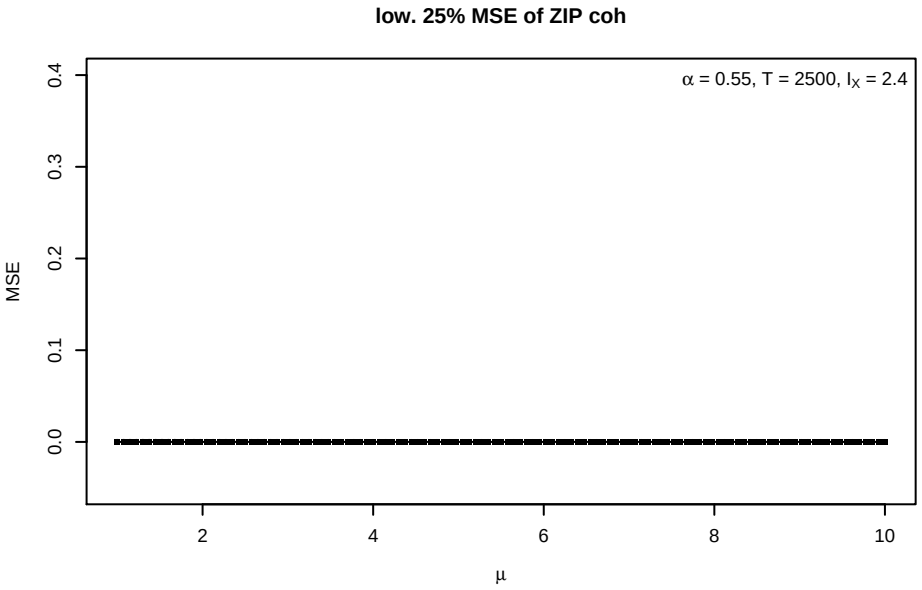

low. 25% MSE of ZIP cca
α = 0.55, T = 2500, I_X = 1.4
MSE
μ

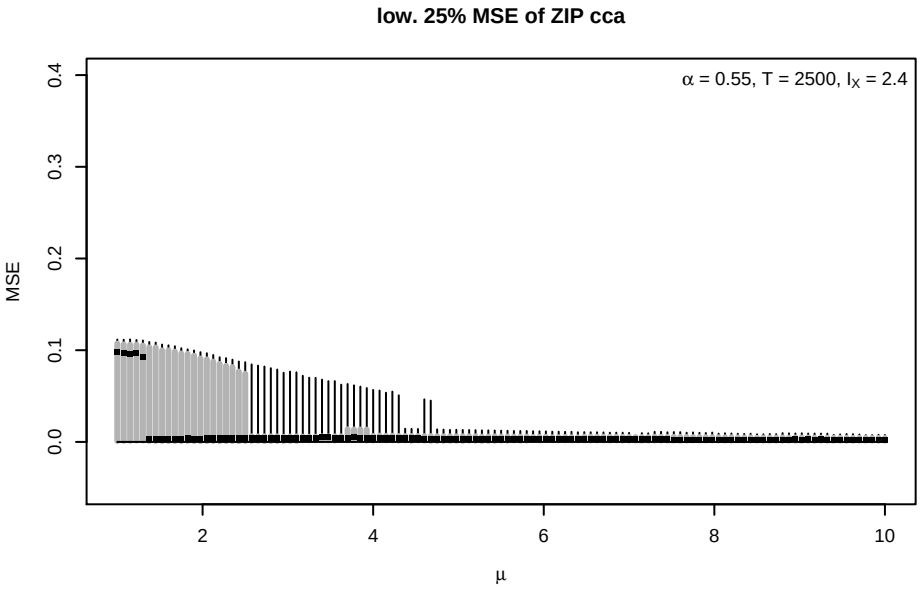

up. 10% MSE of ZIP coh
α = 0.55, T = 2500, I_X = 1.4
MSE
μ

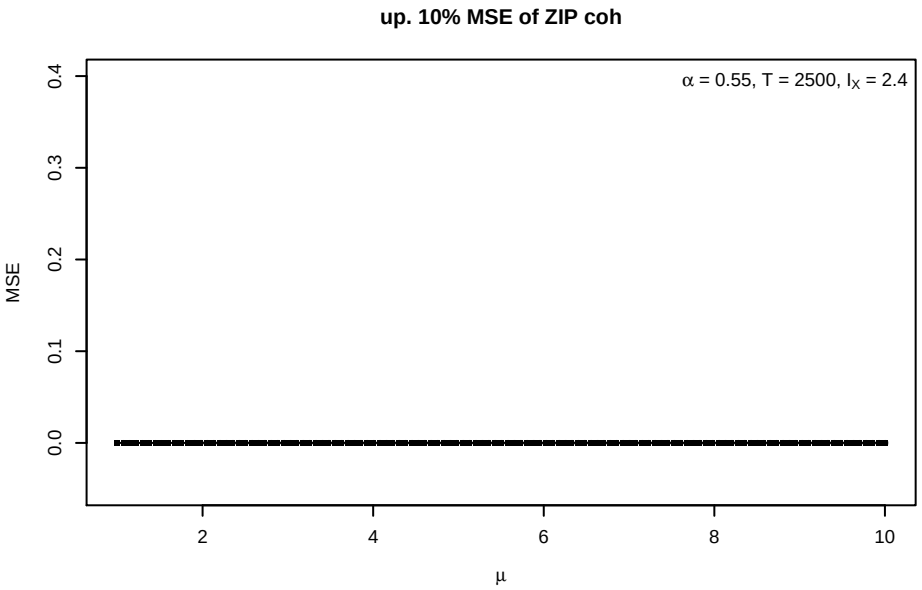

up. 10% MSE of ZIP cca
α = 0.55, T = 2500, I_X = 1.4
MSE
μ

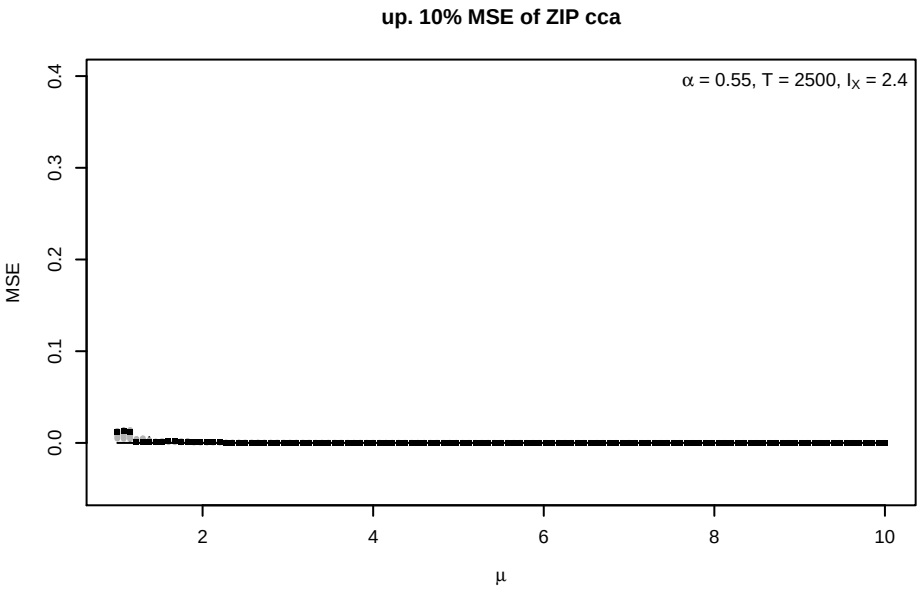

glob. MSE of ZIP coh
α = 0.55, T = 2500, I_X = 2.4
MSE
0.0
0.1
0.2
0.3
0.4
2
4
6
8
10
μ

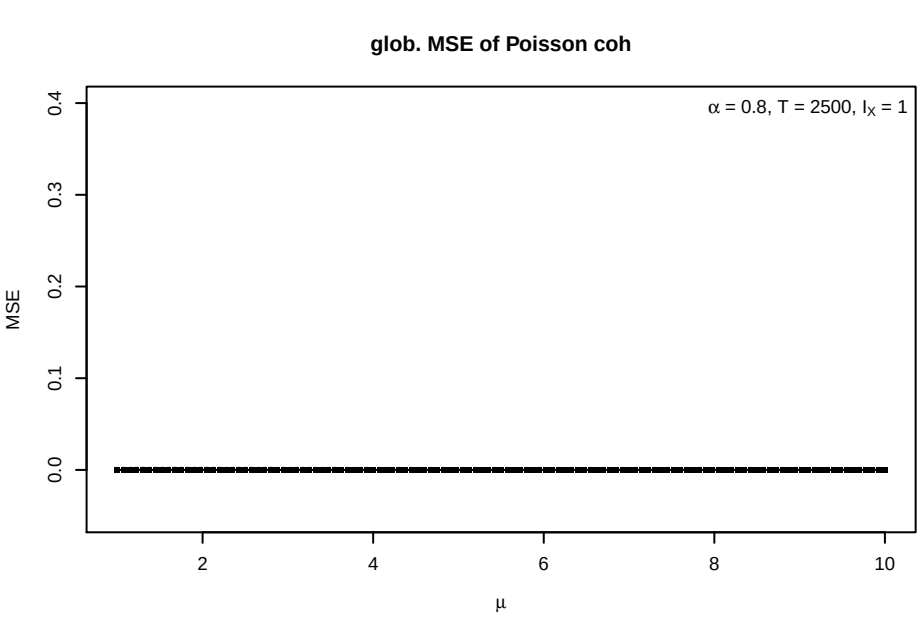

glob. MSE of ZIP cca
α = 0.55, T = 2500, I_X = 2.4
MSE
0.0
0.1
0.2
0.3
0.4
2
4
6
8
10
μ

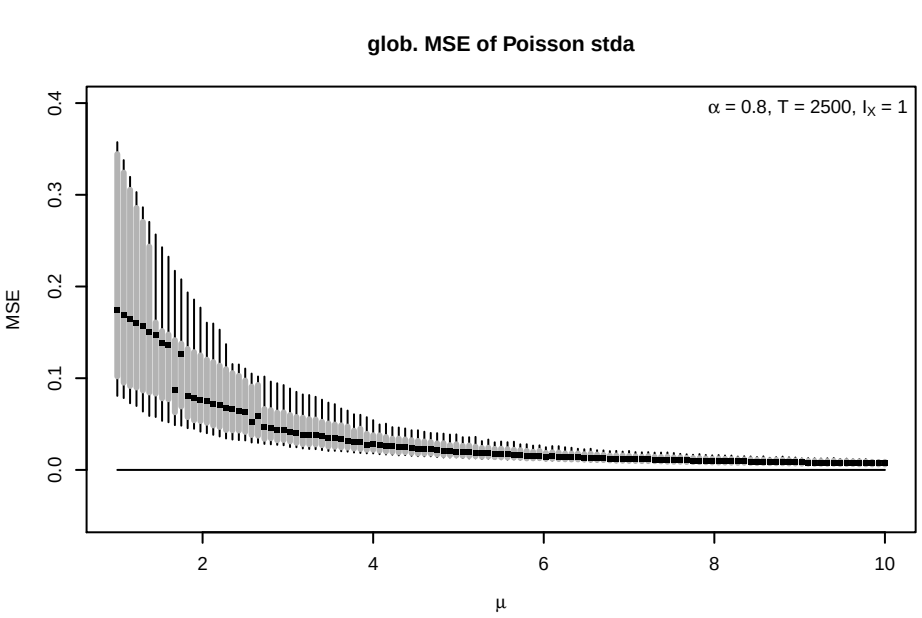

low. 25% MSE of ZIP coh
α = 0.55, T = 2500, I_X = 2.4
MSE
0.0
0.1
0.2
0.3
0.4
2
4
6
8
10
μ

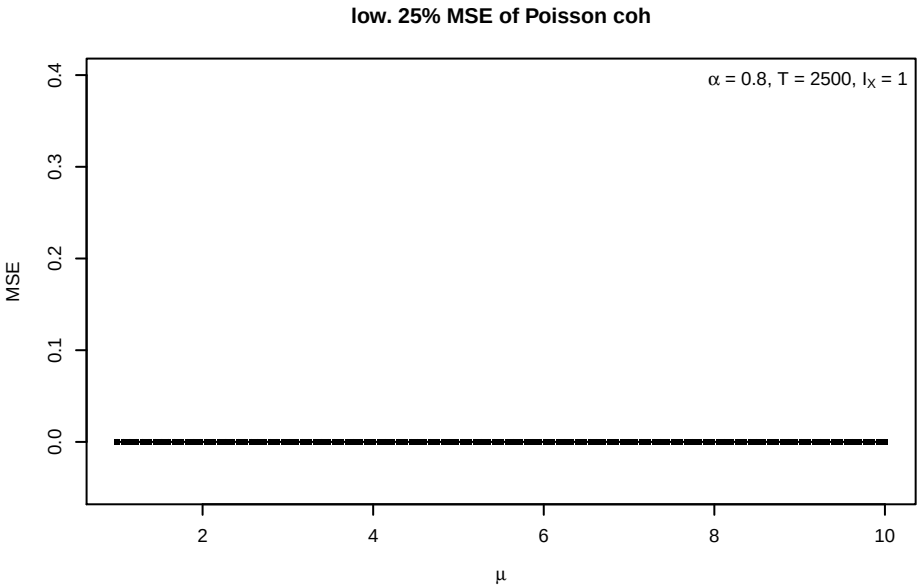

low. 25% MSE of ZIP cca
α = 0.55, T = 2500, I_X = 2.4
MSE
0.0
0.1
0.2
0.3
0.4
2
4
6
8
10
μ

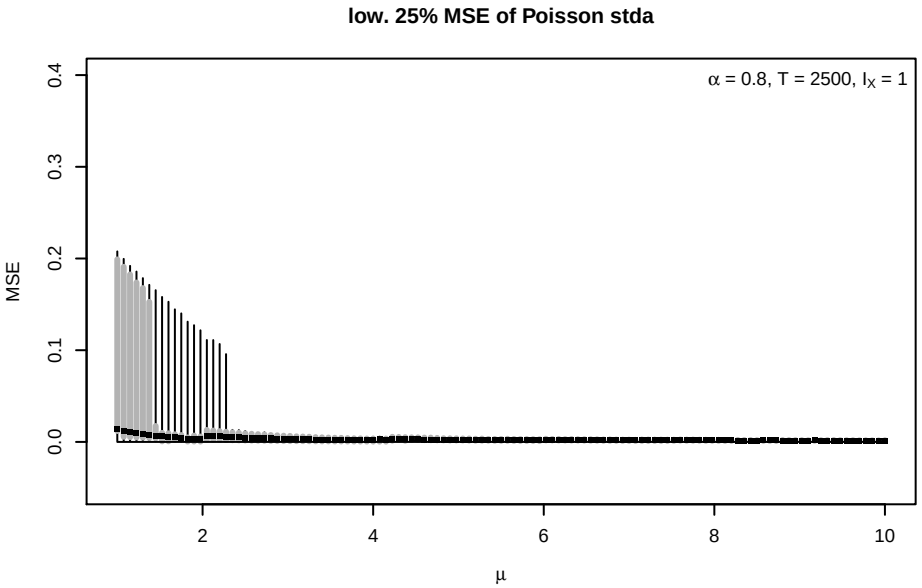

up. 10% MSE of ZIP coh
α = 0.55, T = 2500, I_X = 2.4
MSE
0.0
0.1
0.2
0.3
0.4
2
4
6
8
10
μ

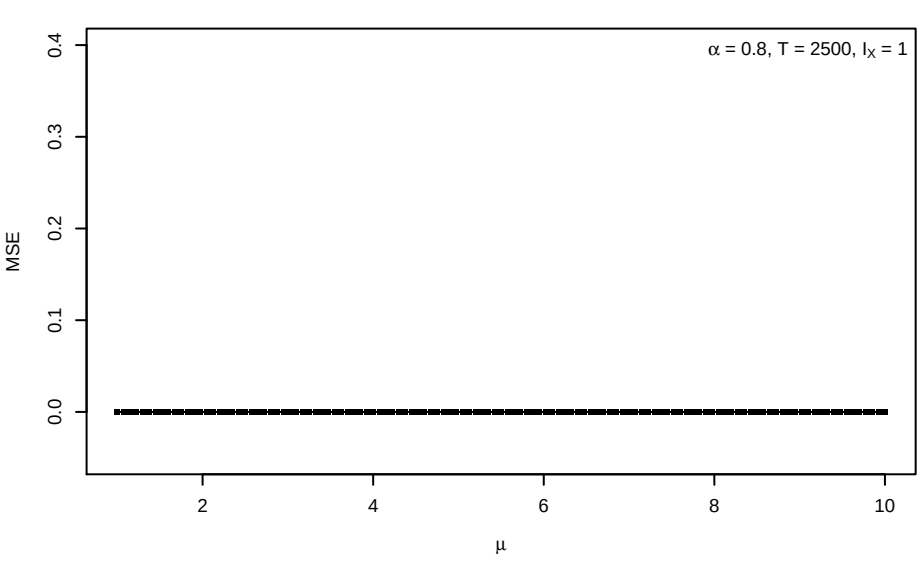

up. 10% MSE of ZIP cca
α = 0.55, T = 2500, I_X = 2.4
MSE
0.0
0.1
0.2
0.3
0.4
2
4
6
8
10
μ

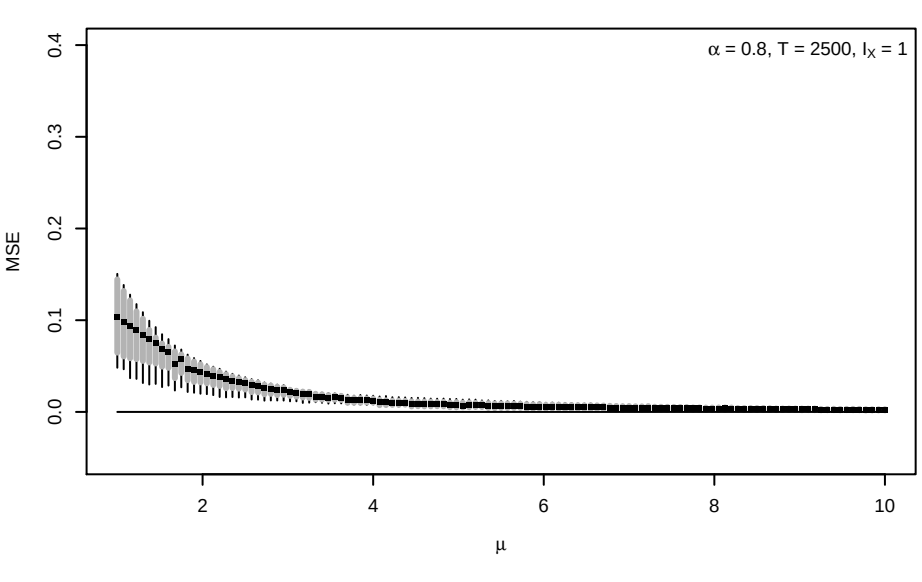

glob. MSE of Poisson coh
α = 0.8, T = 2500, I_X = 1
MSE
0.0
0.1
0.2
0.3
0.4
2
4
6
8
10
μ

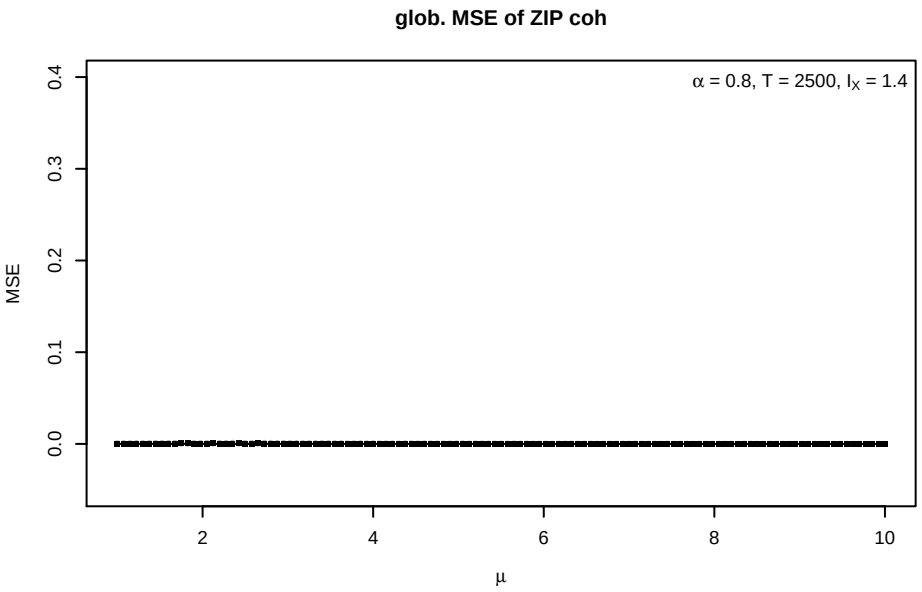

glob. MSE of Poisson stda
α = 0.8, T = 2500, I_X = 1
MSE
0.0
0.1
0.2
0.3
0.4
2
4
6
8
10
μ

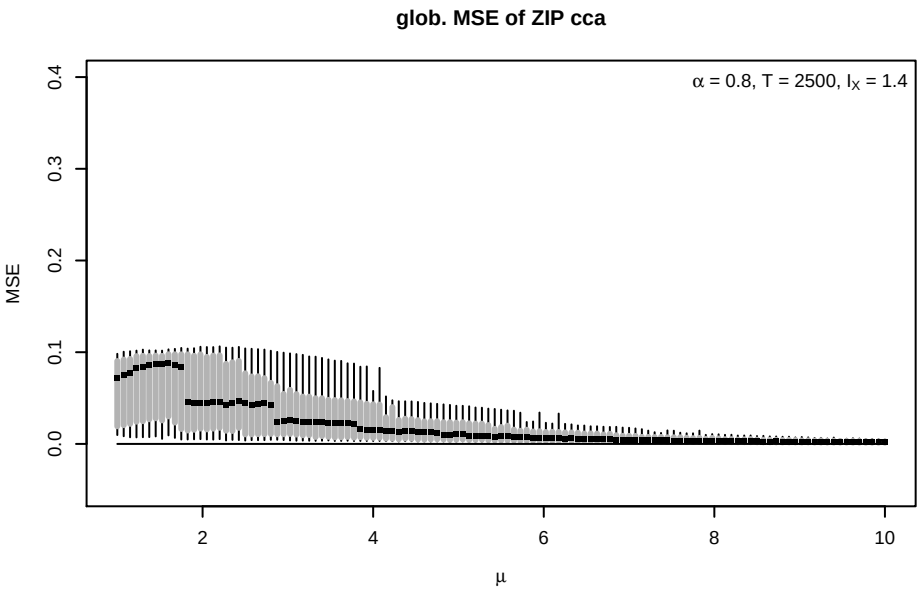

low. 25% MSE of Poisson coh
α = 0.8, T = 2500, I_X = 1
MSE
0.0
0.1
0.2
0.3
0.4
2
4
6
8
10
μ

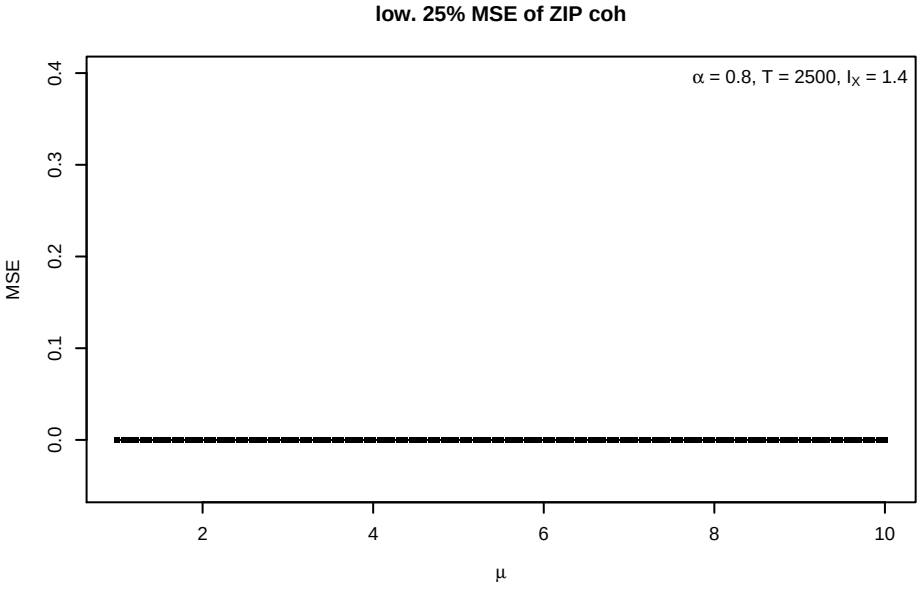

low. 25% MSE of Poisson stda
α = 0.8, T = 2500, I_X = 1
MSE
0.0
0.1
0.2
0.3
0.4
2
4
6
8
10
μ

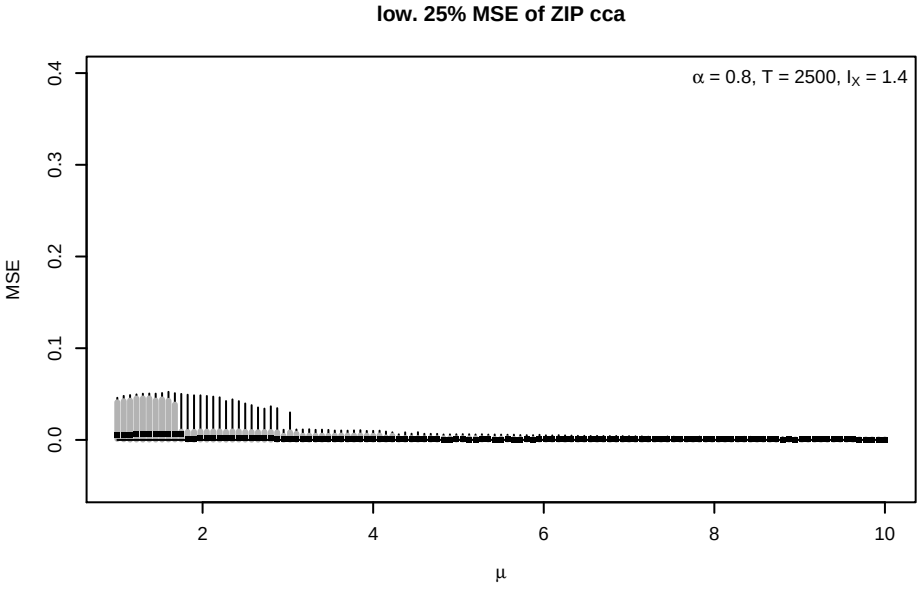

up. 10% MSE of Poisson coh
α = 0.8, T = 2500, I_X = 1
MSE
0.0
0.1
0.2
0.3
0.4
2
4
6
8
10
μ

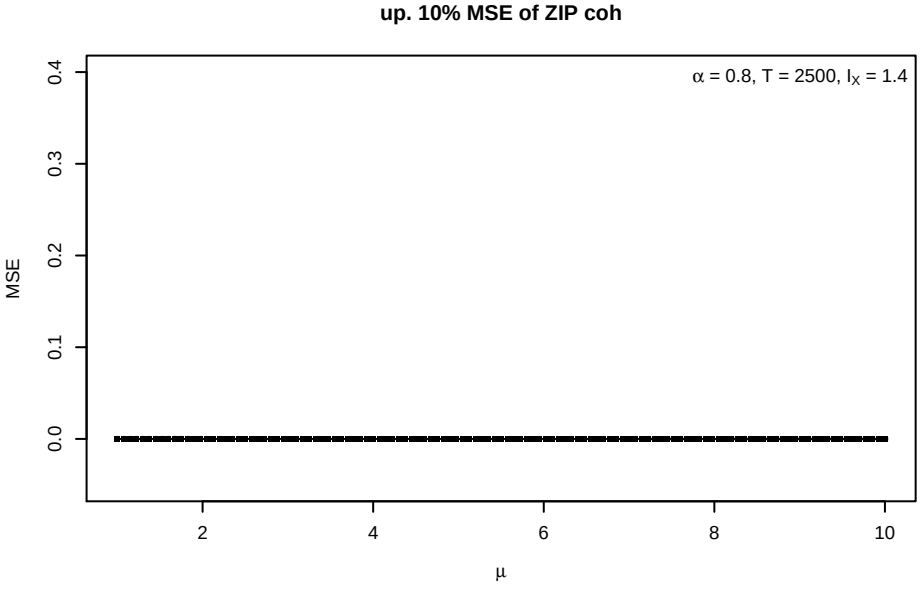

up. 10% MSE of Poisson stda
α = 0.8, T = 2500, I_X = 1
MSE
0.0
0.1
0.2
0.3
0.4
2
4
6
8
10
μ

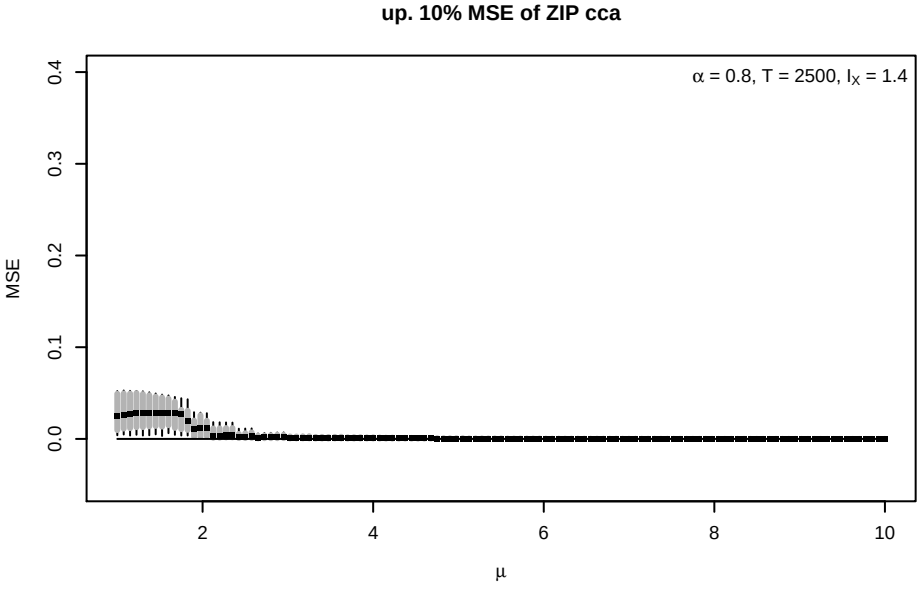

glob. MSE of ZIP coh
α = 0.8, T = 2500, I_X = 1.4
MSE
μ

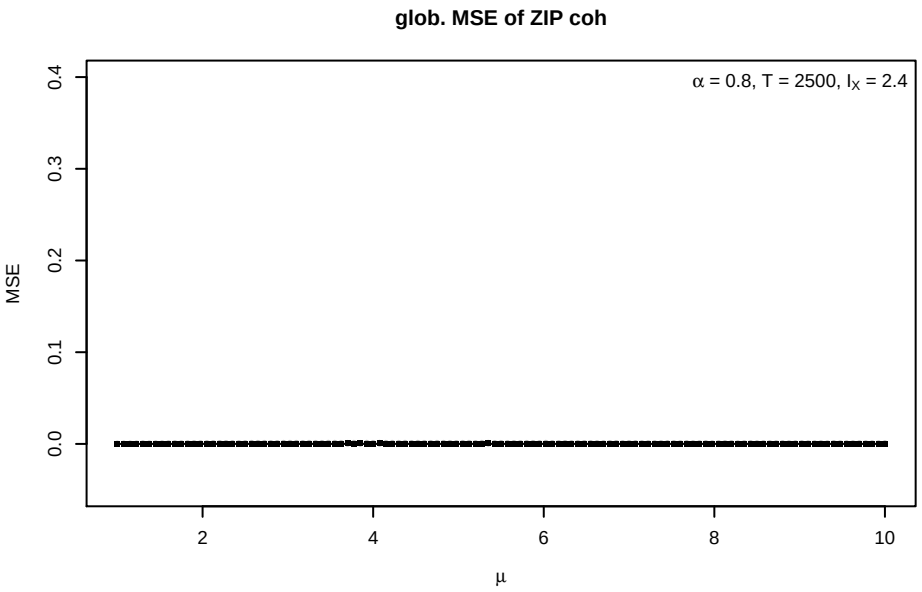

glob. MSE of ZIP cca
α = 0.8, T = 2500, I_X = 1.4
MSE
μ

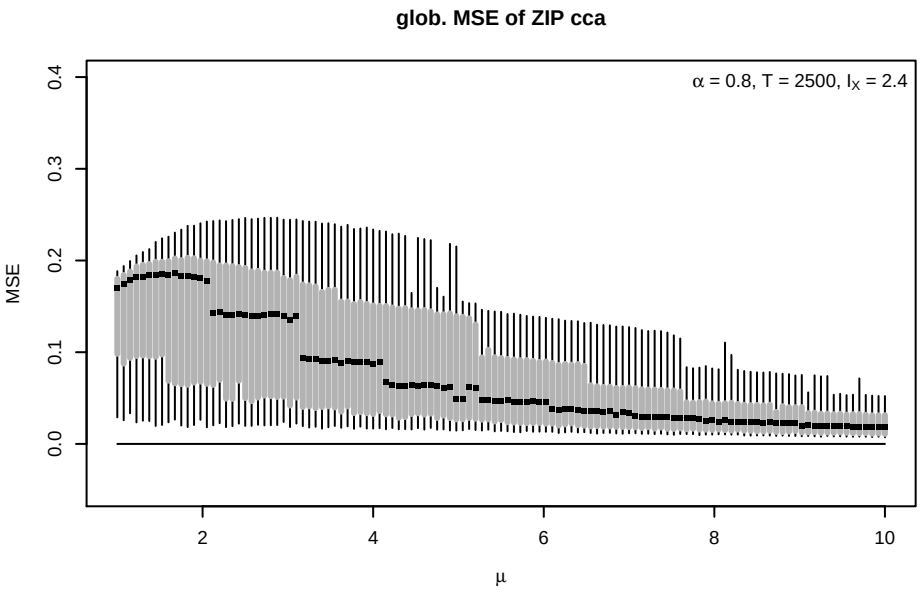

low. 25% MSE of ZIP coh
α = 0.8, T = 2500, I_X = 1.4
MSE
μ

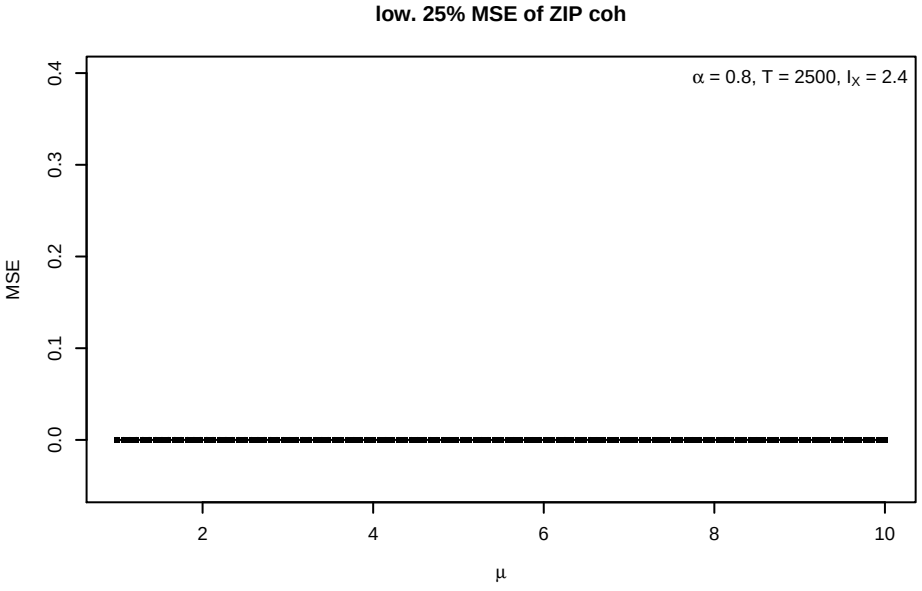

low. 25% MSE of ZIP cca
α = 0.8, T = 2500, I_X = 1.4
MSE
μ

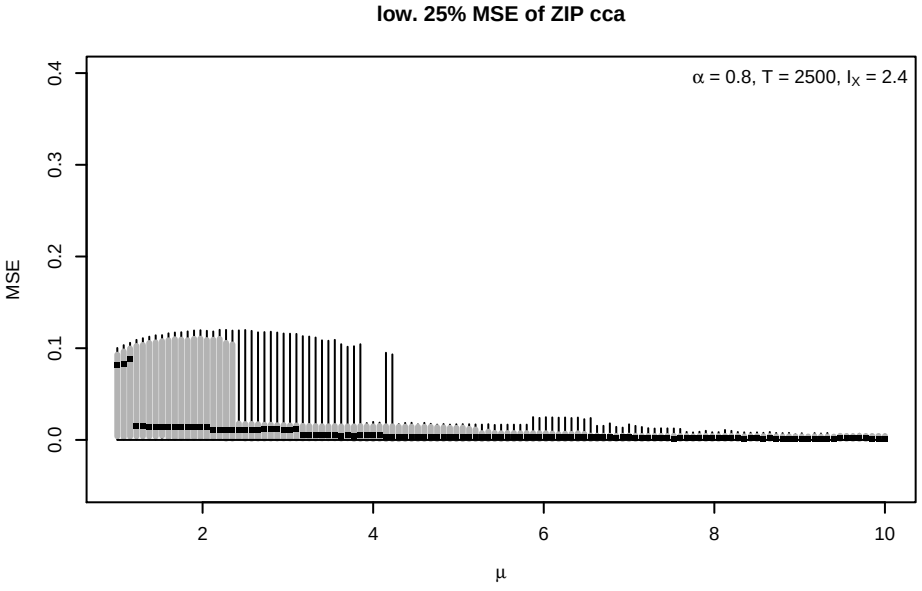

up. 10% MSE of ZIP coh
α = 0.8, T = 2500, I_X = 1.4
MSE
μ

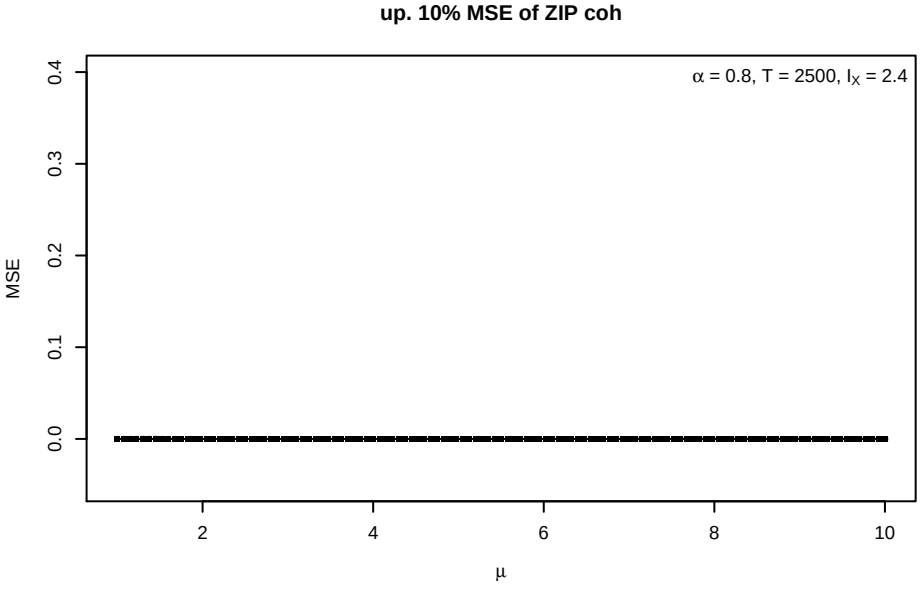

up. 10% MSE of ZIP cca
α = 0.8, T = 2500, I_X = 1.4
MSE
μ

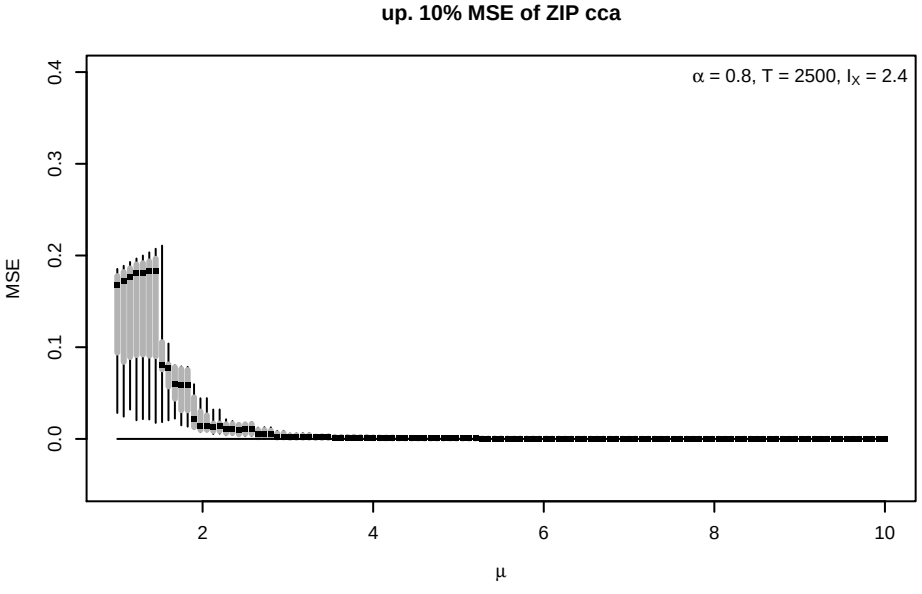

glob. MSE of ZIP coh
α = 0.8, T = 2500, I_X = 2.4
MSE
μ


glob. MSE of ZIP cca
α = 0.8, T = 2500, I_X = 2.4
MSE
μ


low. 25% MSE of ZIP coh
α = 0.8, T = 2500, I_X = 2.4
MSE
μ


low. 25% MSE of ZIP cca
α = 0.8, T = 2500, I_X = 2.4
MSE
μ


up. 10% MSE of ZIP coh
α = 0.8, T = 2500, I_X = 2.4
MSE
μ


up. 10% MSE of ZIP cca
α = 0.8, T = 2500, I_X = 2.4
MSE
μ