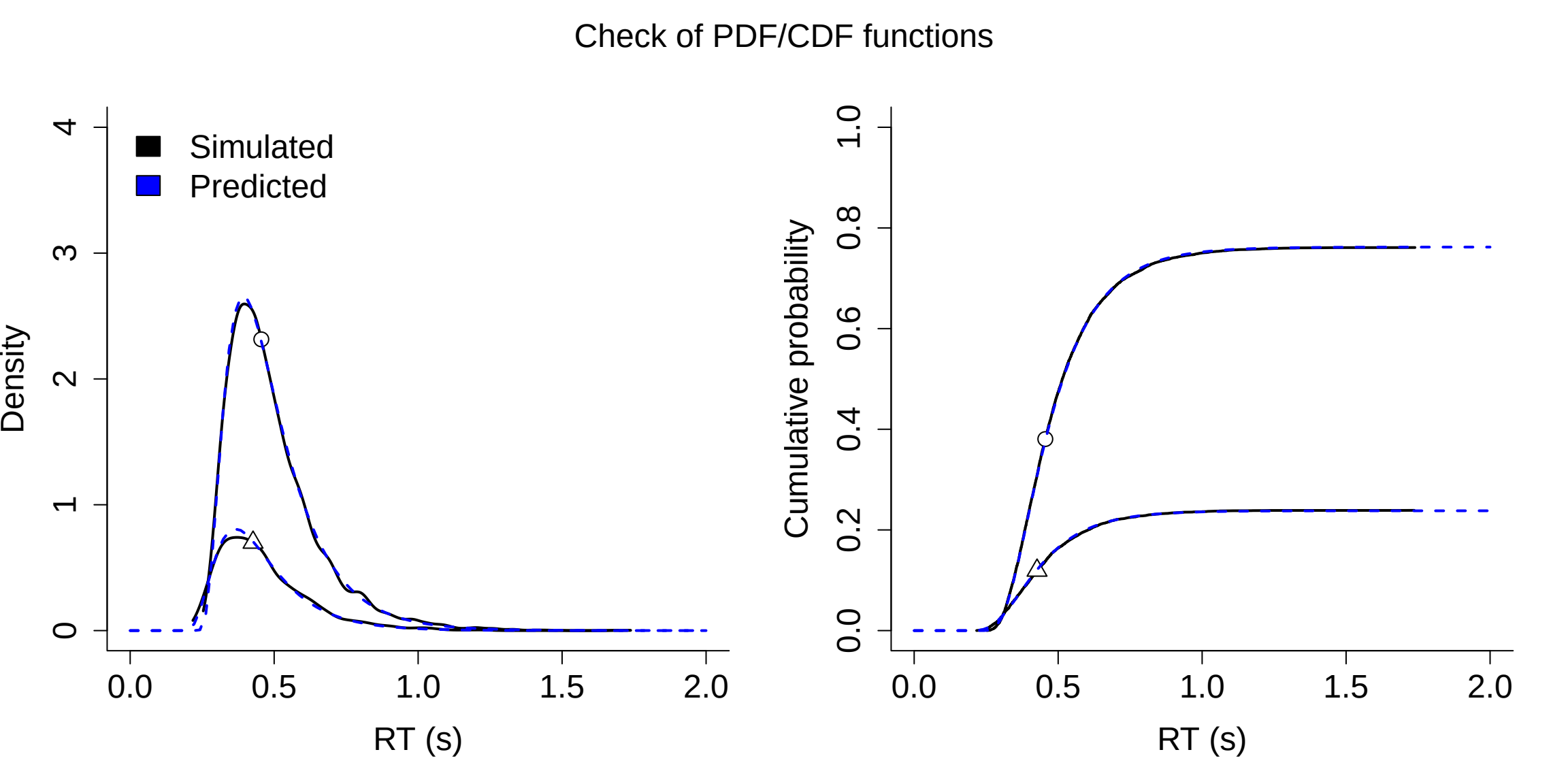
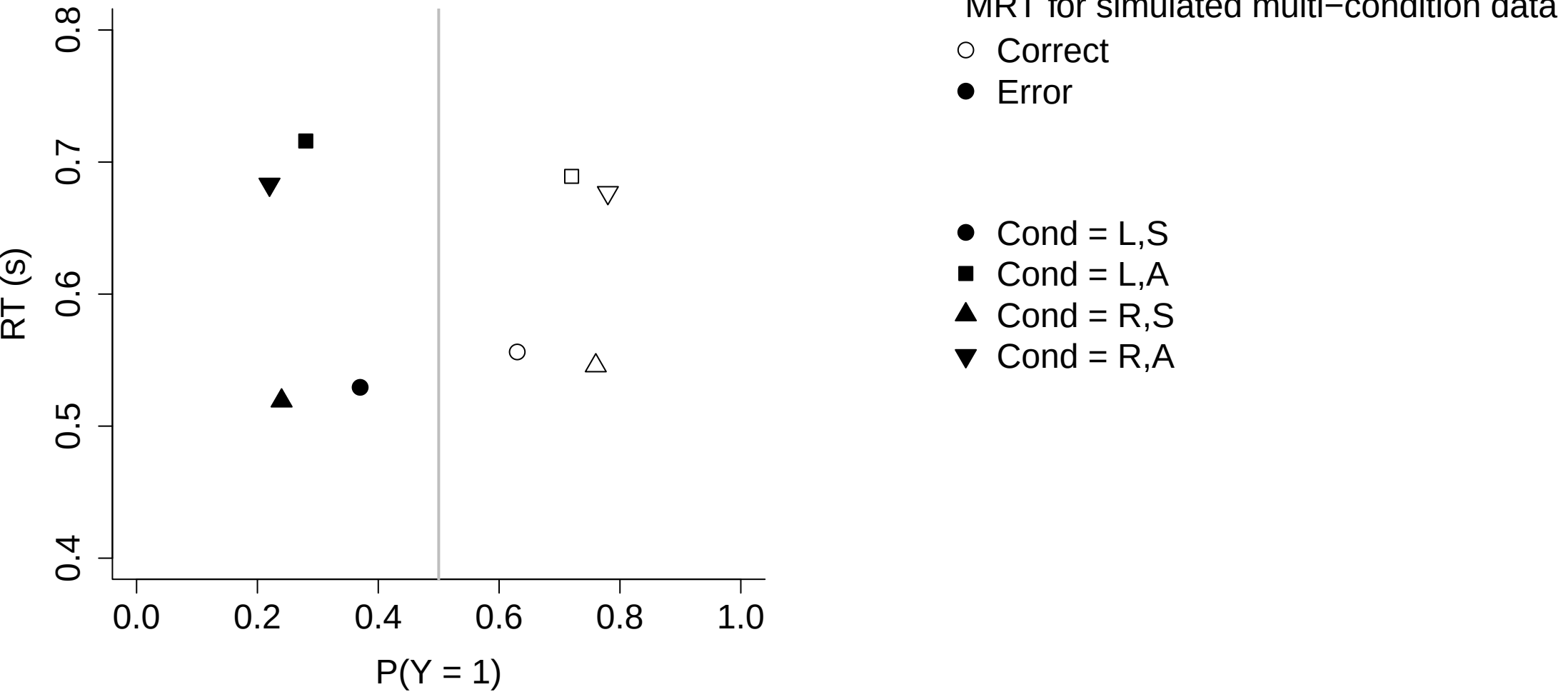
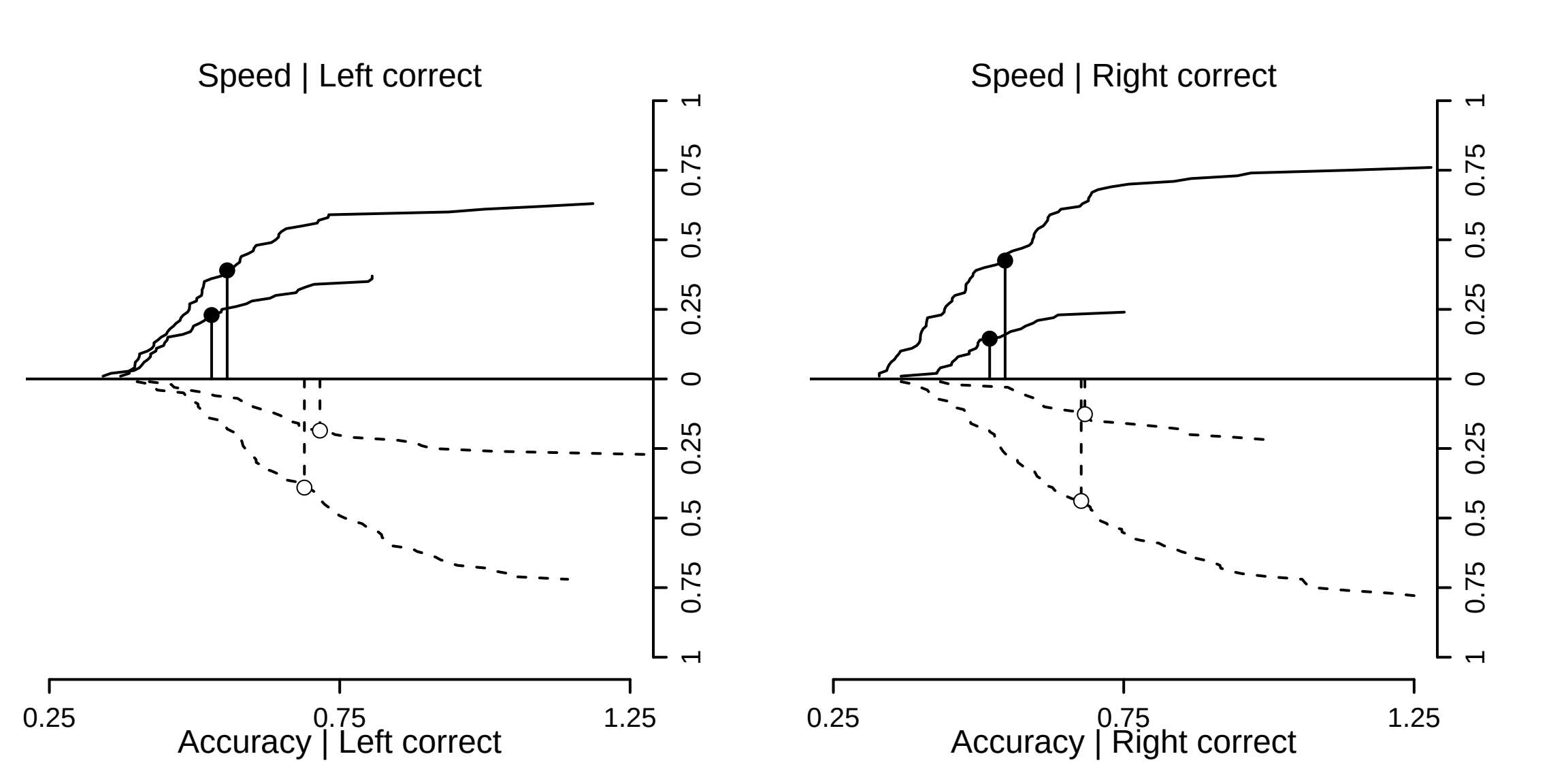
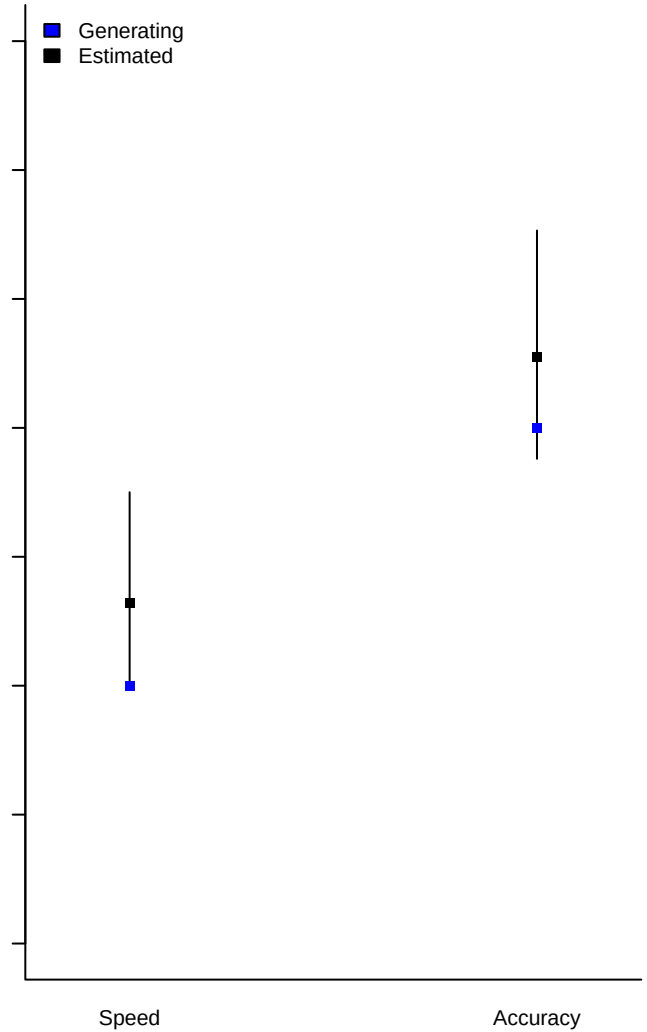
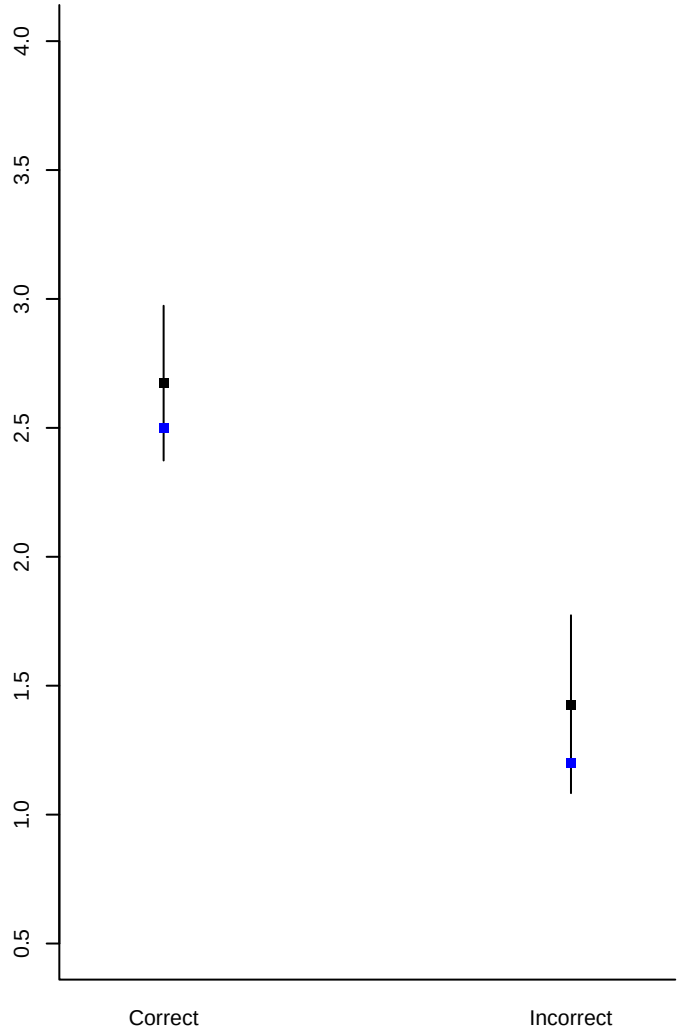

Check of PDF/CDF functions
Simulated
Predicted
Density
0
1
2
3
4
0.0
0.5
1.0
1.5
2.0
RT (s)
Cumulative probability
0.0
0.2
0.4
0.6
0.8
1.0
0.0
0.5
1.0
1.5
2.0
RT (s)

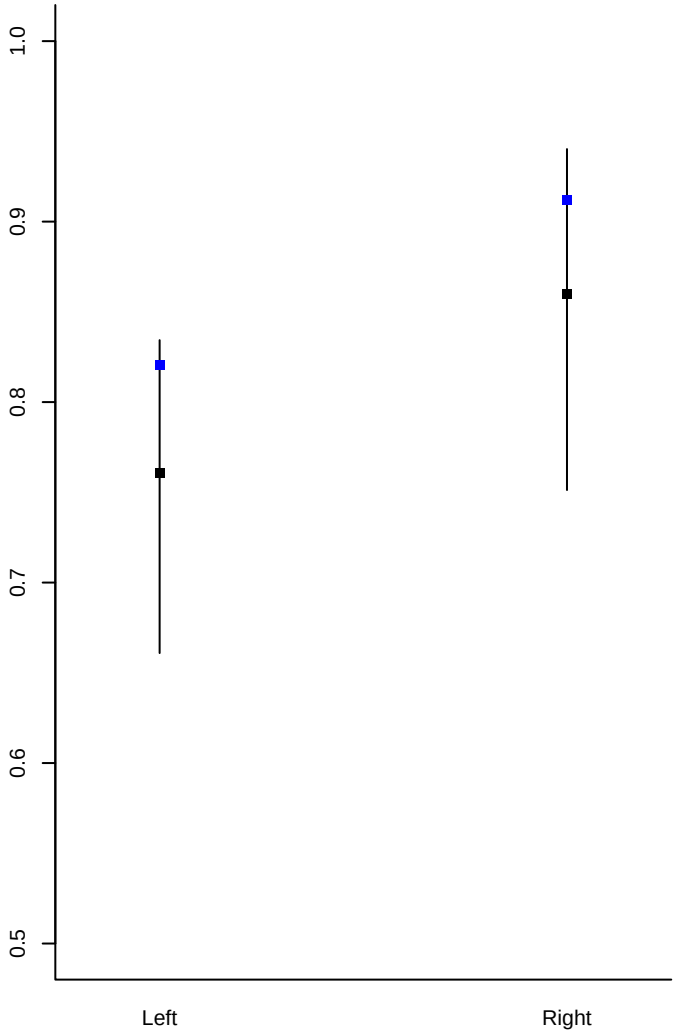

MRT for simulated multi−condition data
Correct
Error
Cond = L,S
Cond = L,A
Cond = R,S
Cond = R,A
RT (s)
0.4
0.5
0.6
0.7
0.8
0.0
0.2
0.4
0.6
0.8
1.0
P(Y = 1)

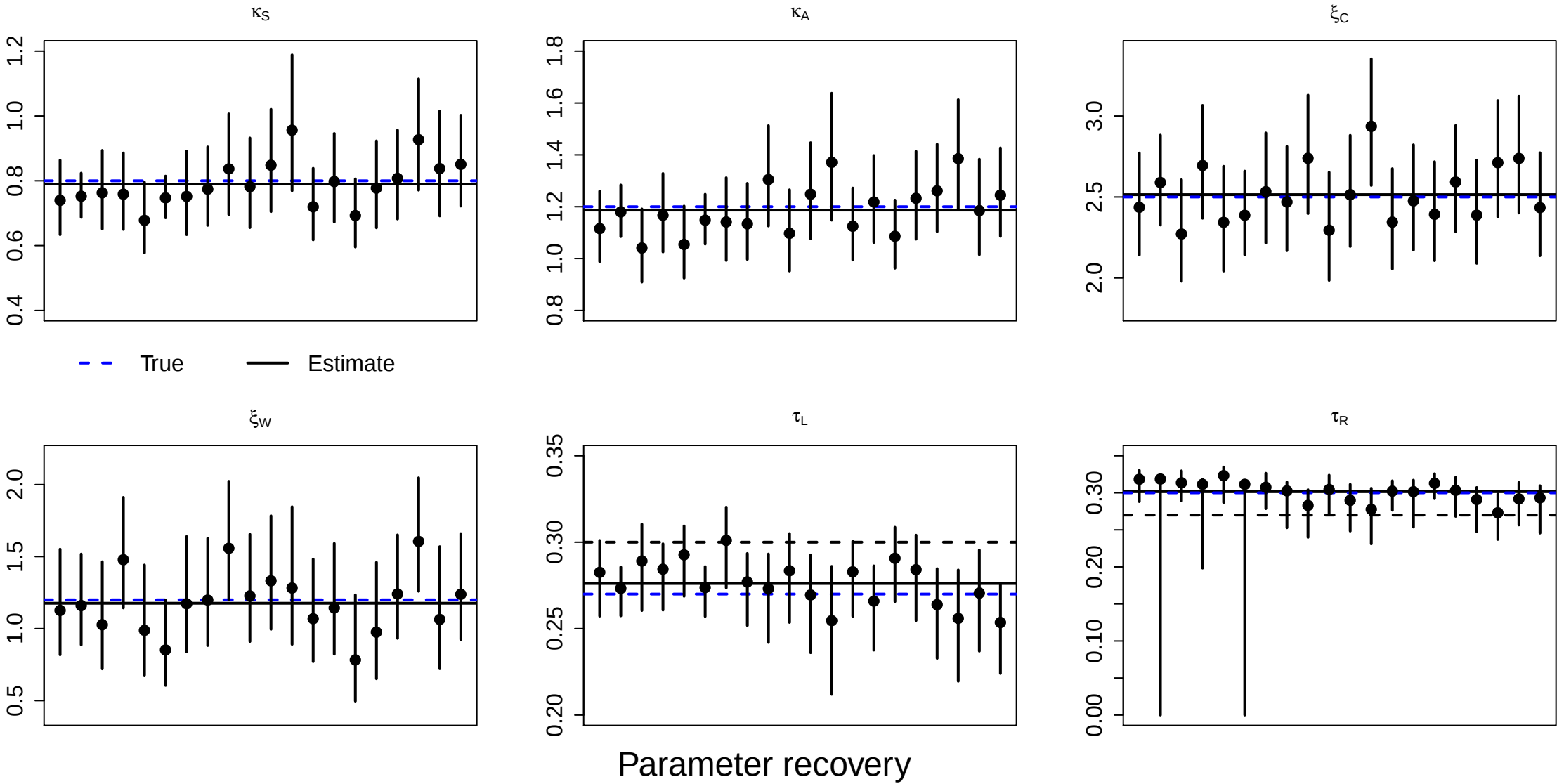

Speed | Left correct
1
0.75
0.5
0.25
0
0.25
0.5
0.75
1
0.25
0.75
1.25
Accuracy | Left correct
Speed | Right correct
1
0.75
0.5
0.25
0
0.25
0.5
0.75
1
0.25
0.75
1.25
Accuracy | Right correct

Parameter recovery

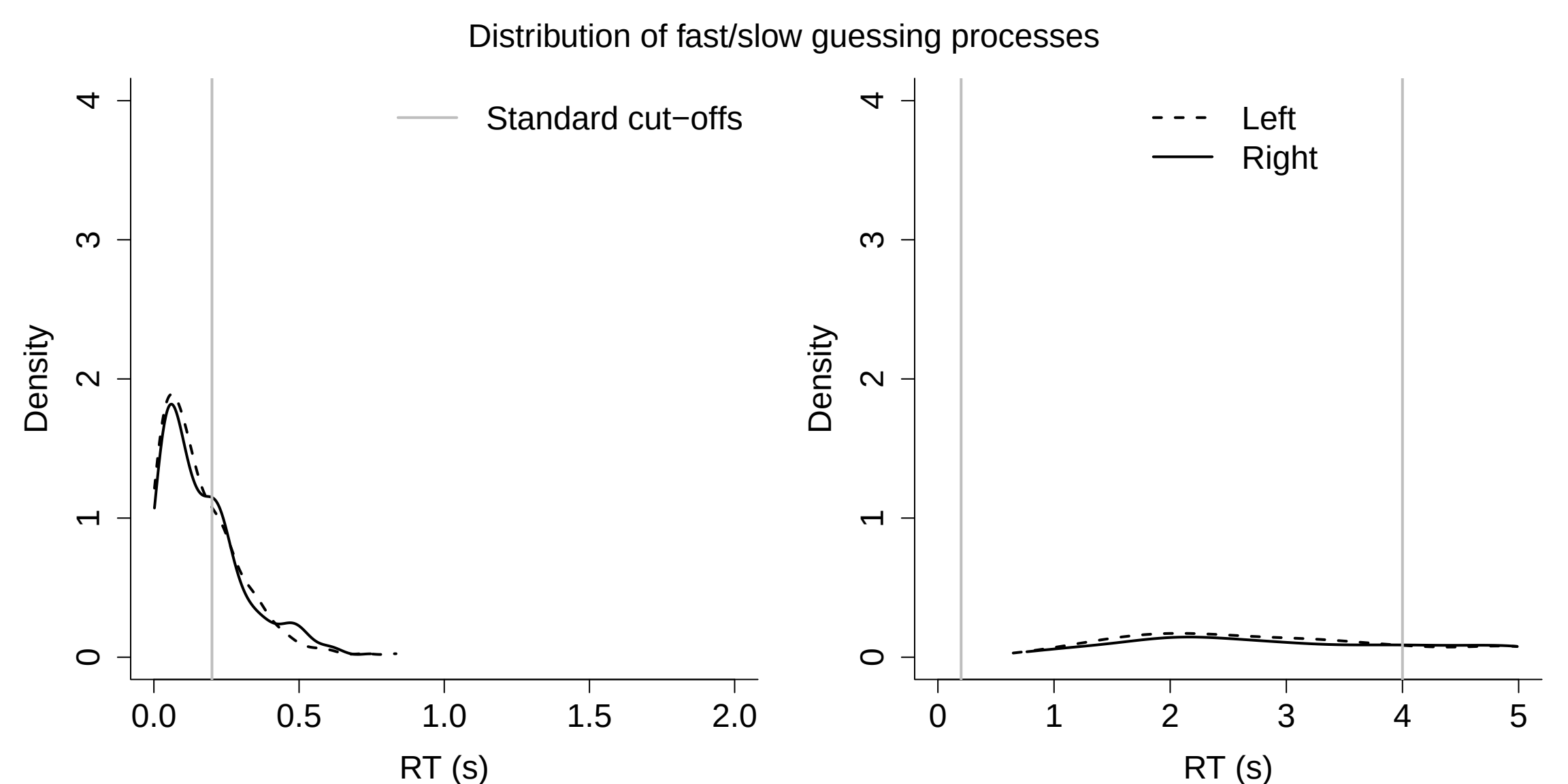


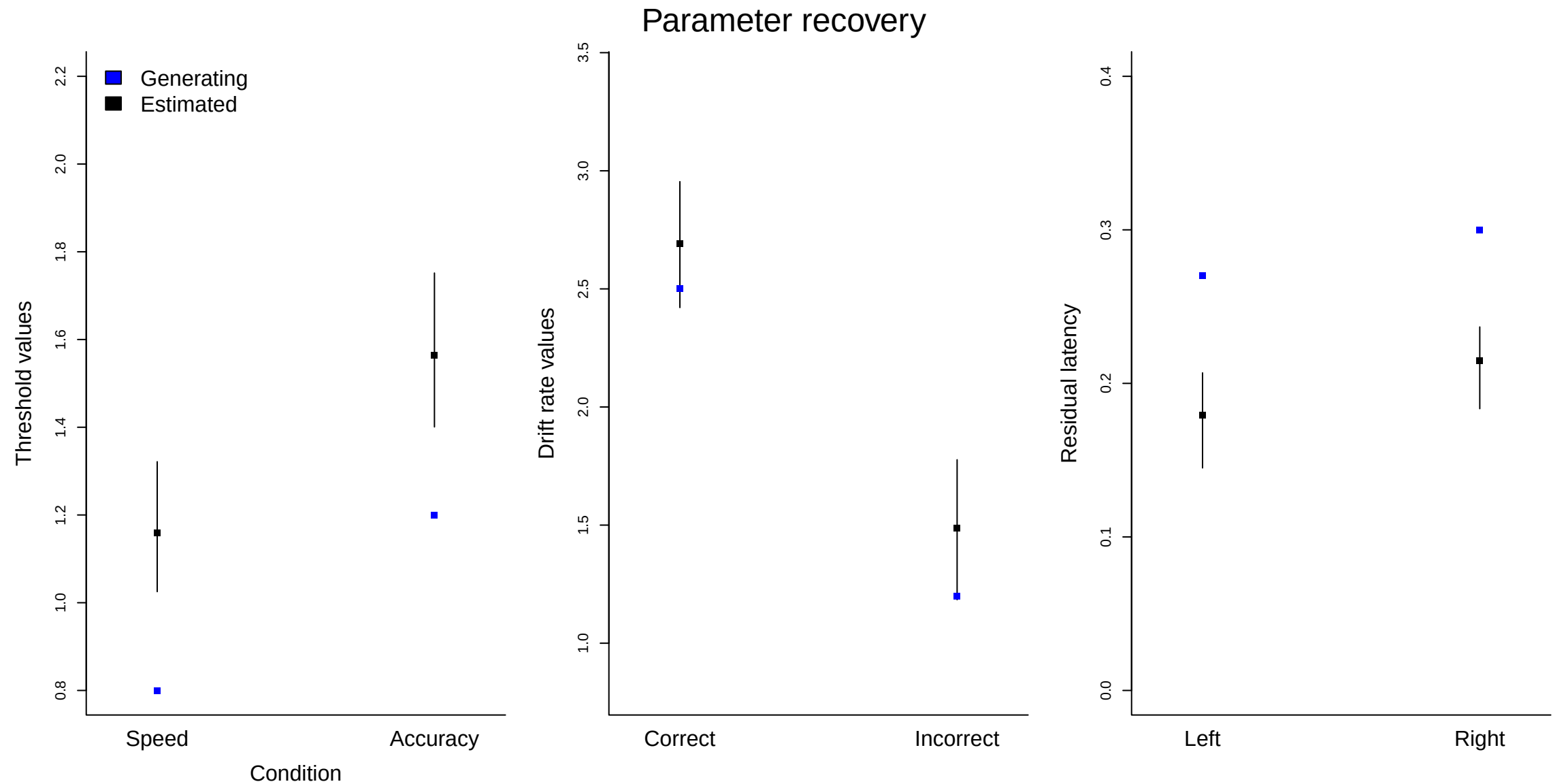


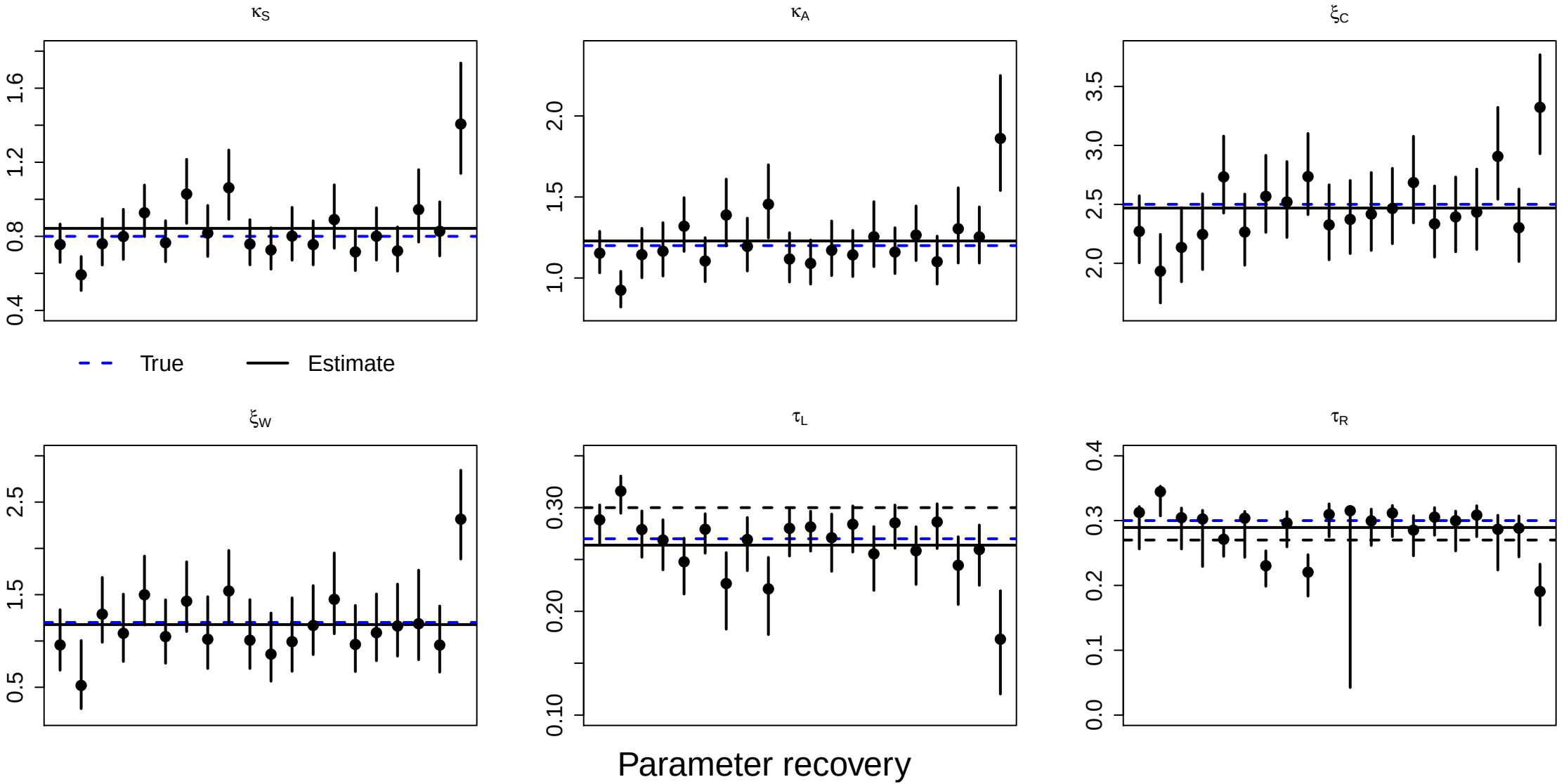




Parameter recovery


Distribution of fast/slow guessing processes
Standard cut−offs
Left
Right
Density
RT (s)
0
1
2
3
4
0.0
0.5
1.0
1.5
2.0
5


Parameter recovery
Generating
Estimated
Threshold values
0.8
1.0
1.2
1.4
1.6
1.8
2.0
2.2
Speed
Accuracy
Condition
Drift rate values
1.0
1.5
2.0
2.5
3.0
3.5
Correct
Incorrect
Residual latency
0.0
0.1
0.2
0.3
0.4
Left
Right



Parameter recovery