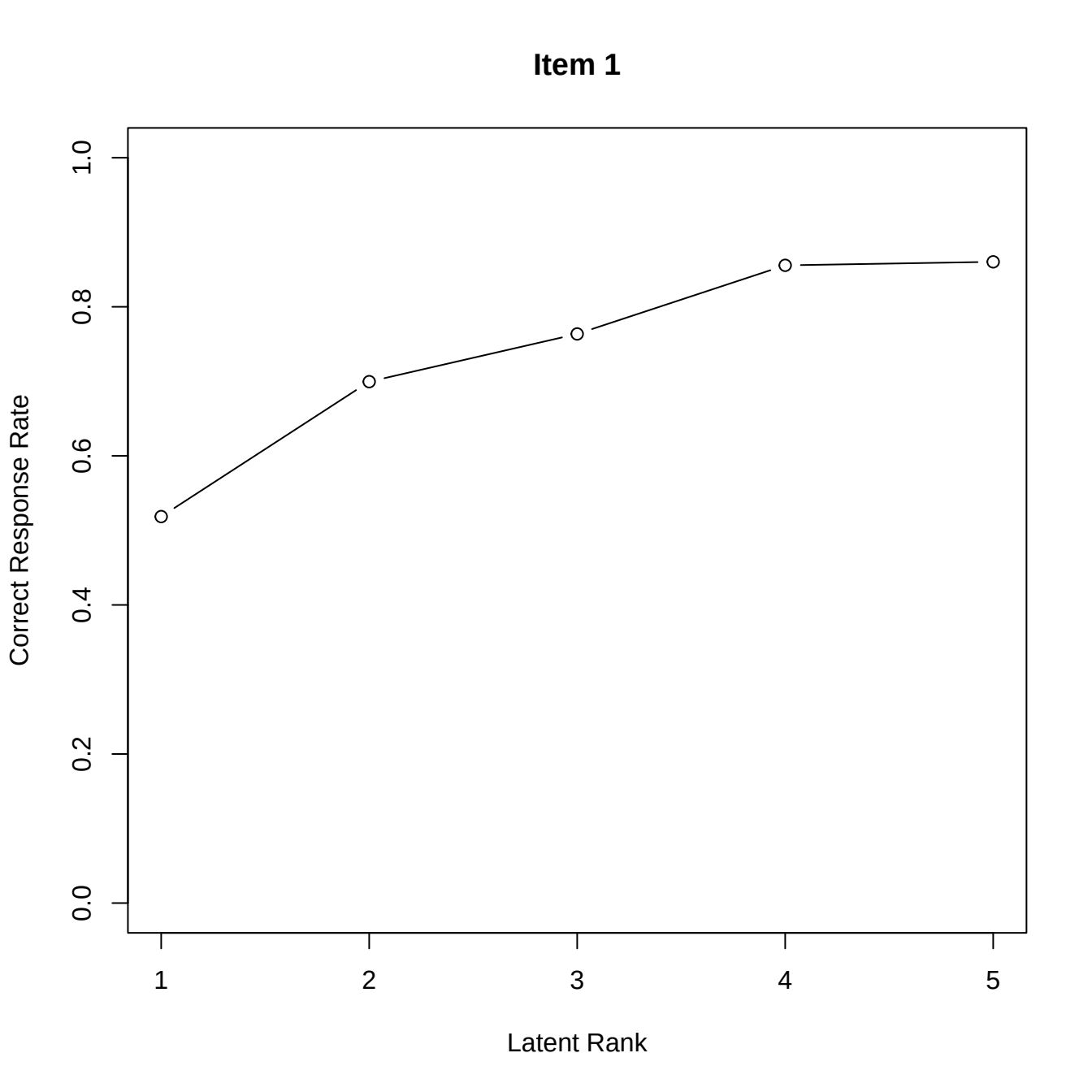
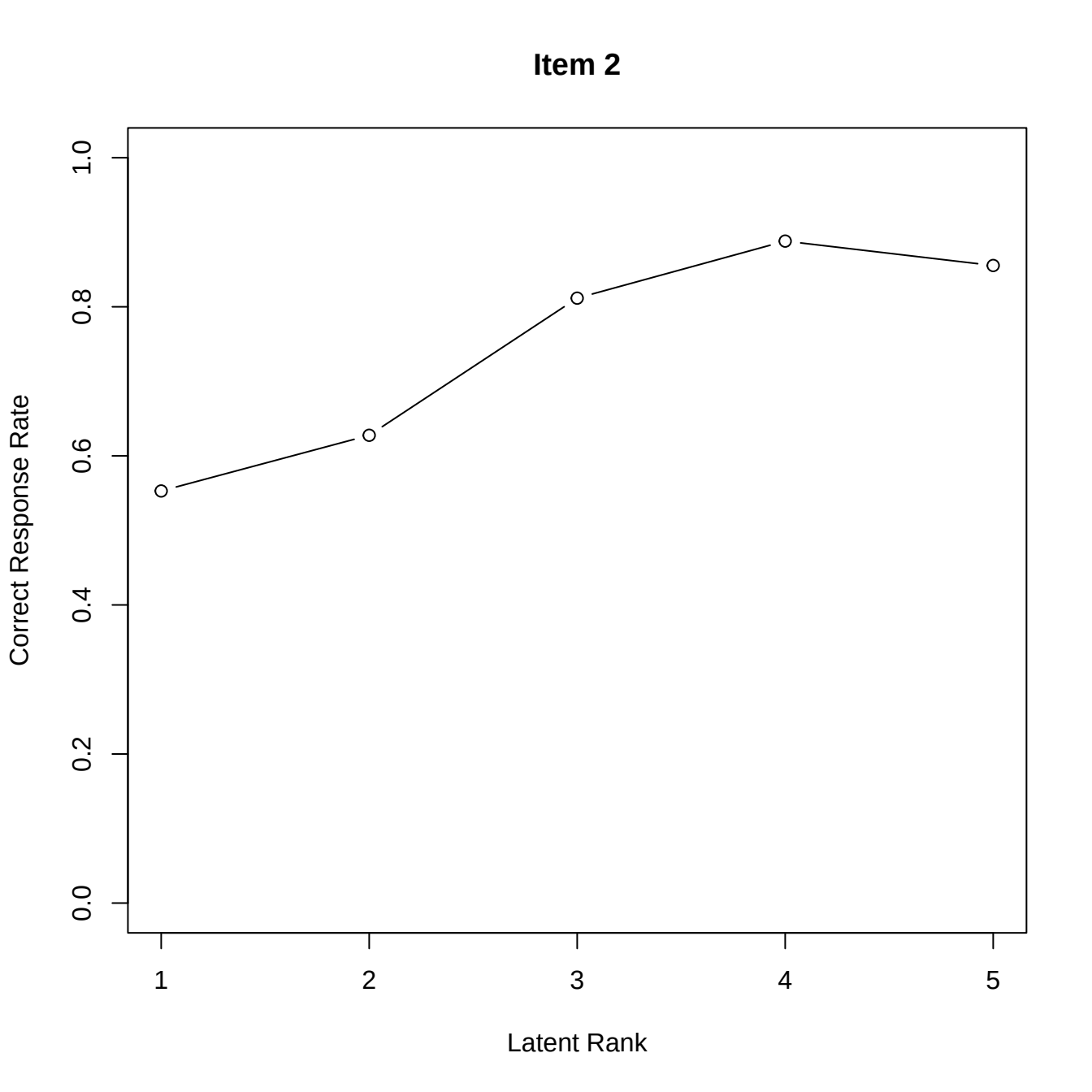

Item 1
Correct Response Rate
0.0
0.2
0.4
0.6
0.8
1.0
1
2
3
4
5
Latent Rank


Item 2
Correct Response Rate
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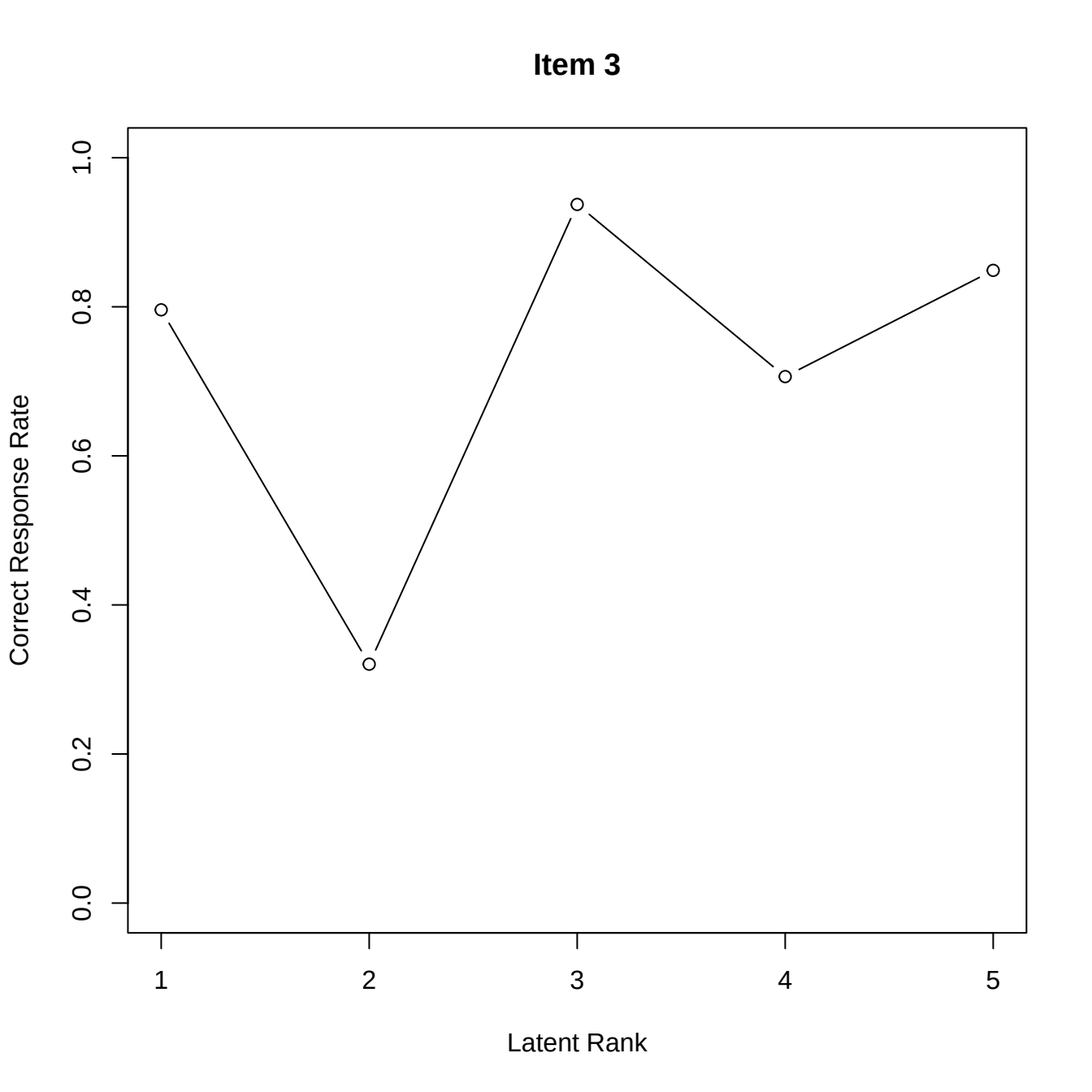
0.6
0.8
1.0
1
2
3
4
5
Latent Rank


Item 3
Correct Response Rate
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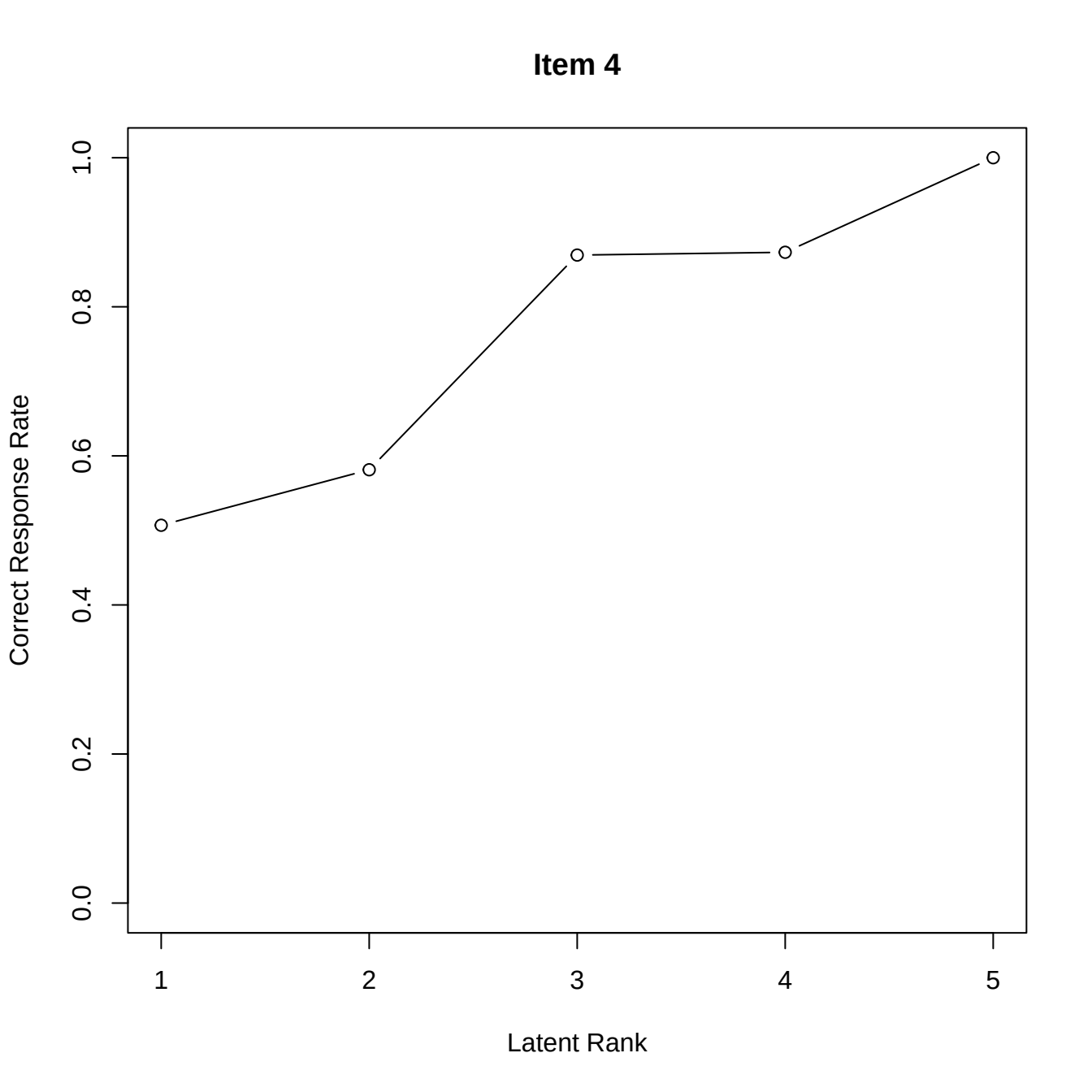
0.6
0.8
1.0
1
2
3
4
5
Latent Rank


Item 4
Correct Response Rate
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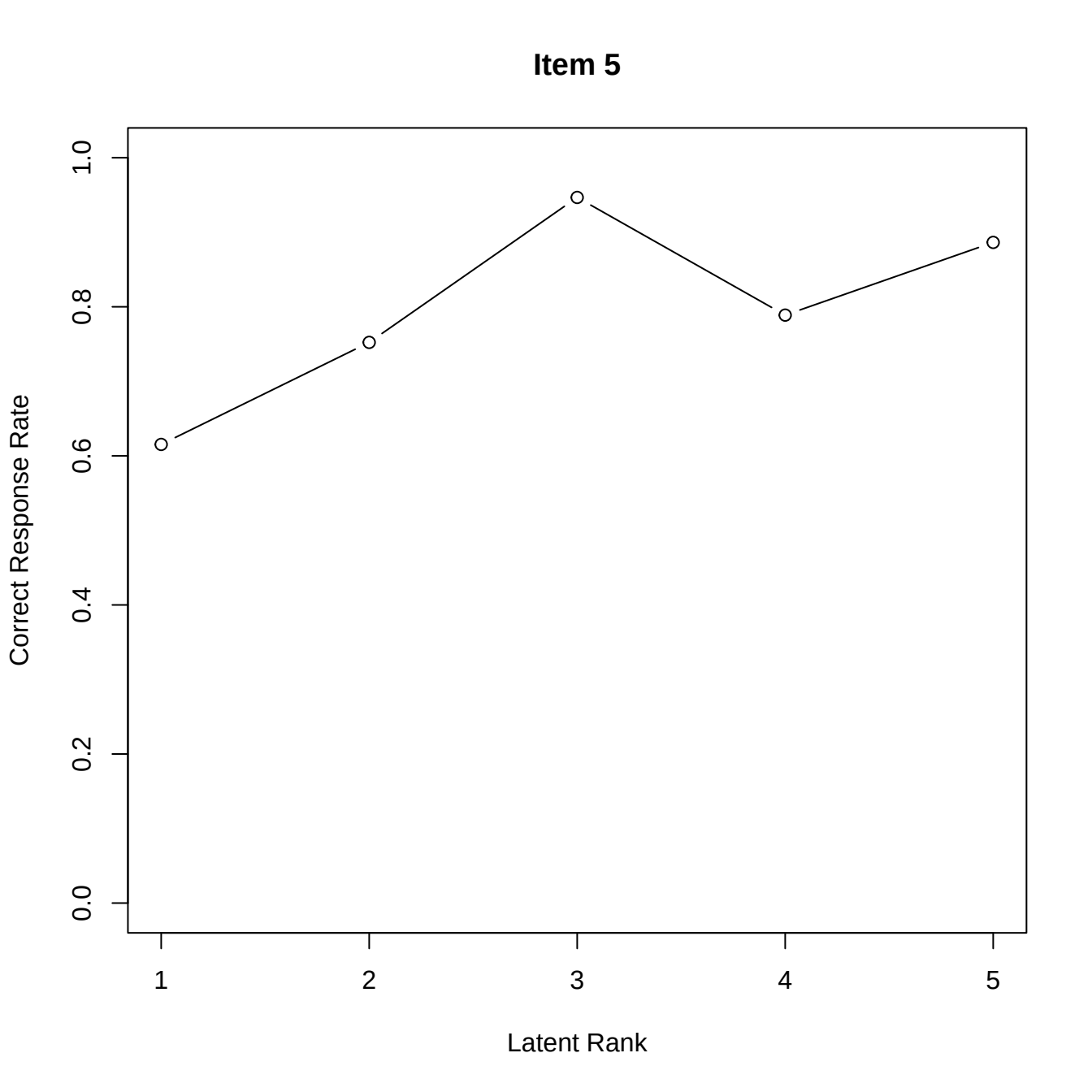
0.6
0.8
1.0
1
2
3
4
5
Latent Rank


Item 5
Correct Response Rate
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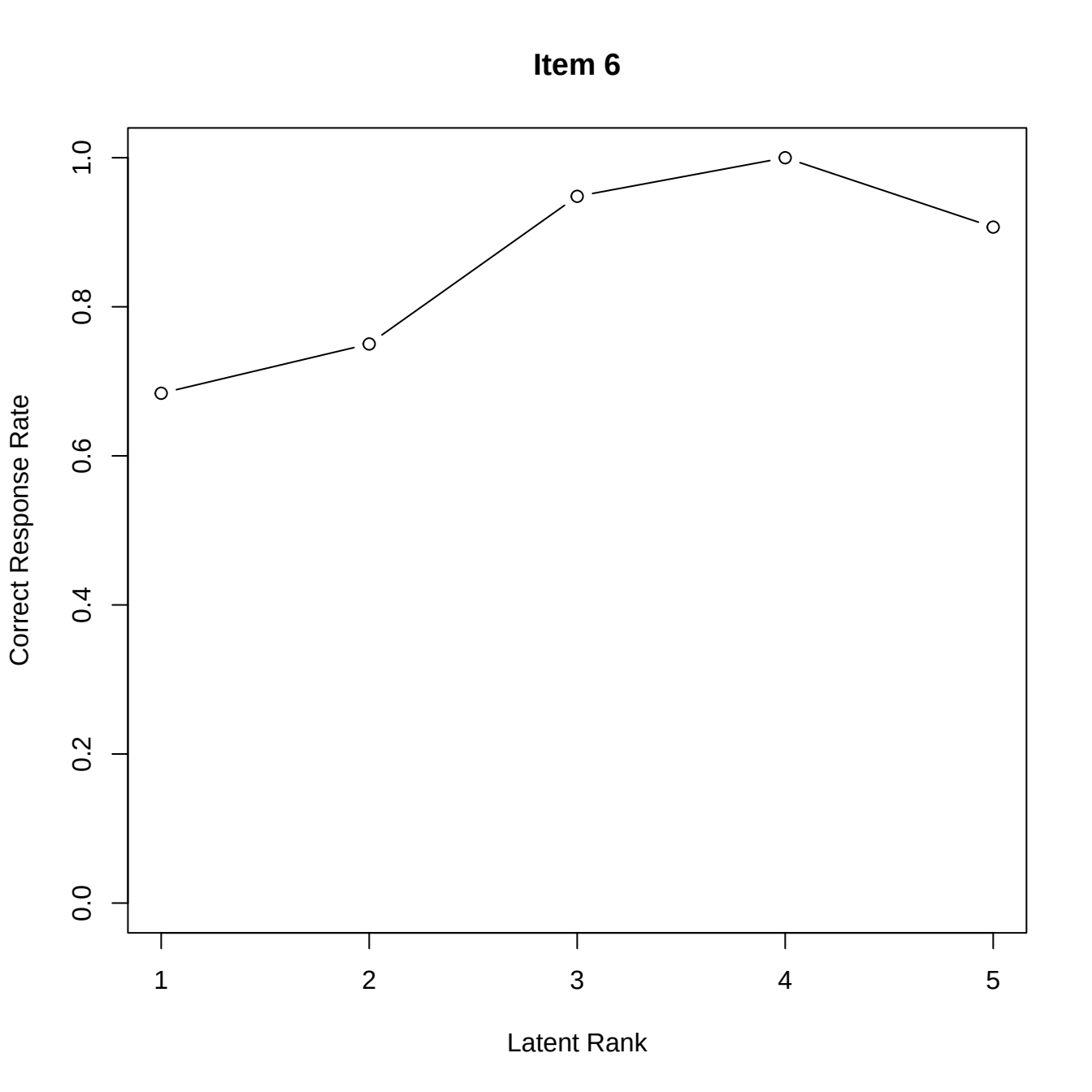
0.4
0.6
0.8
1.0
1
2
3
4
5
Latent Rank


Item 6
Correct Response Rate
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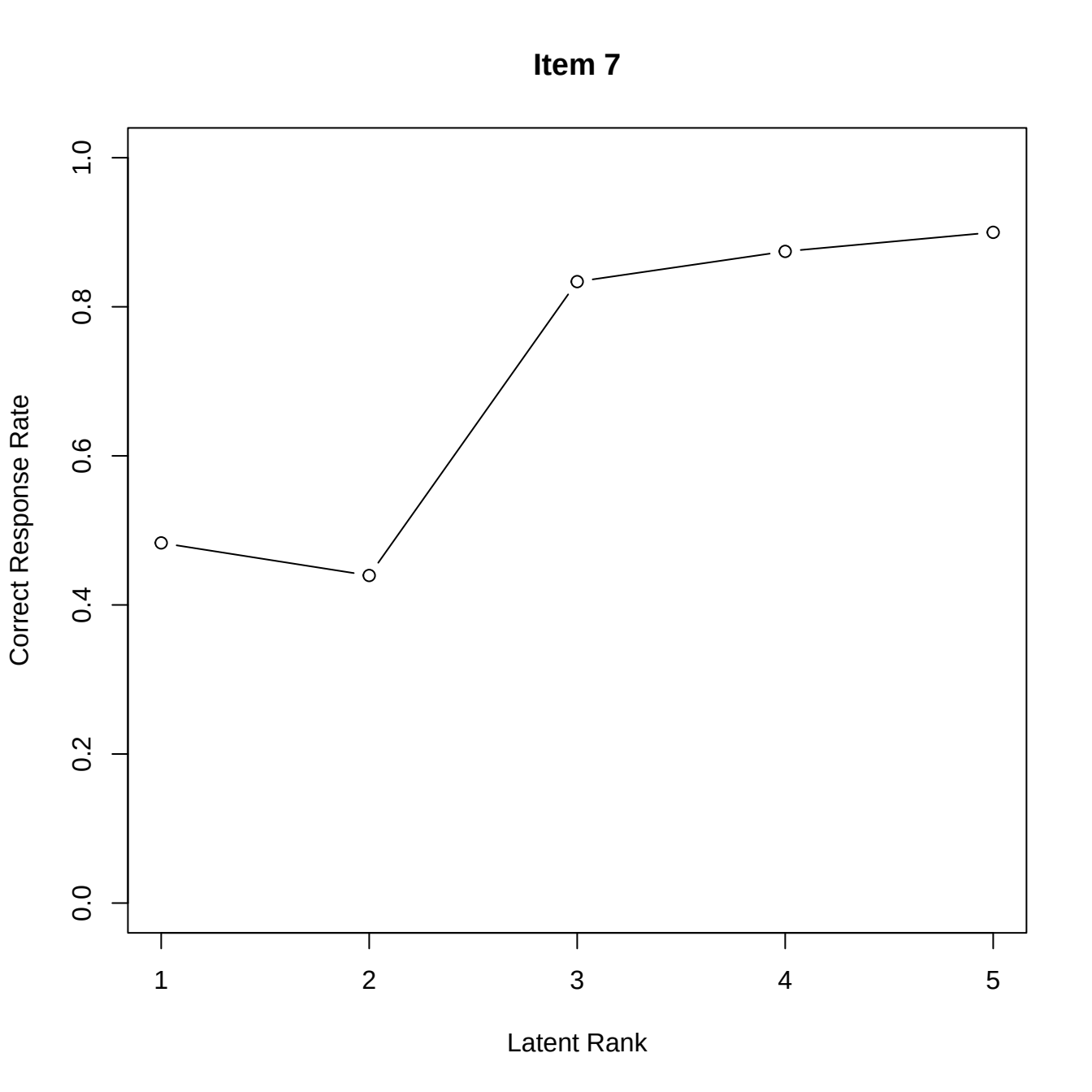
0.4
0.6
0.8
1.0
1
2
3
4
5
Latent Rank


Item 7
Correct Response Rate
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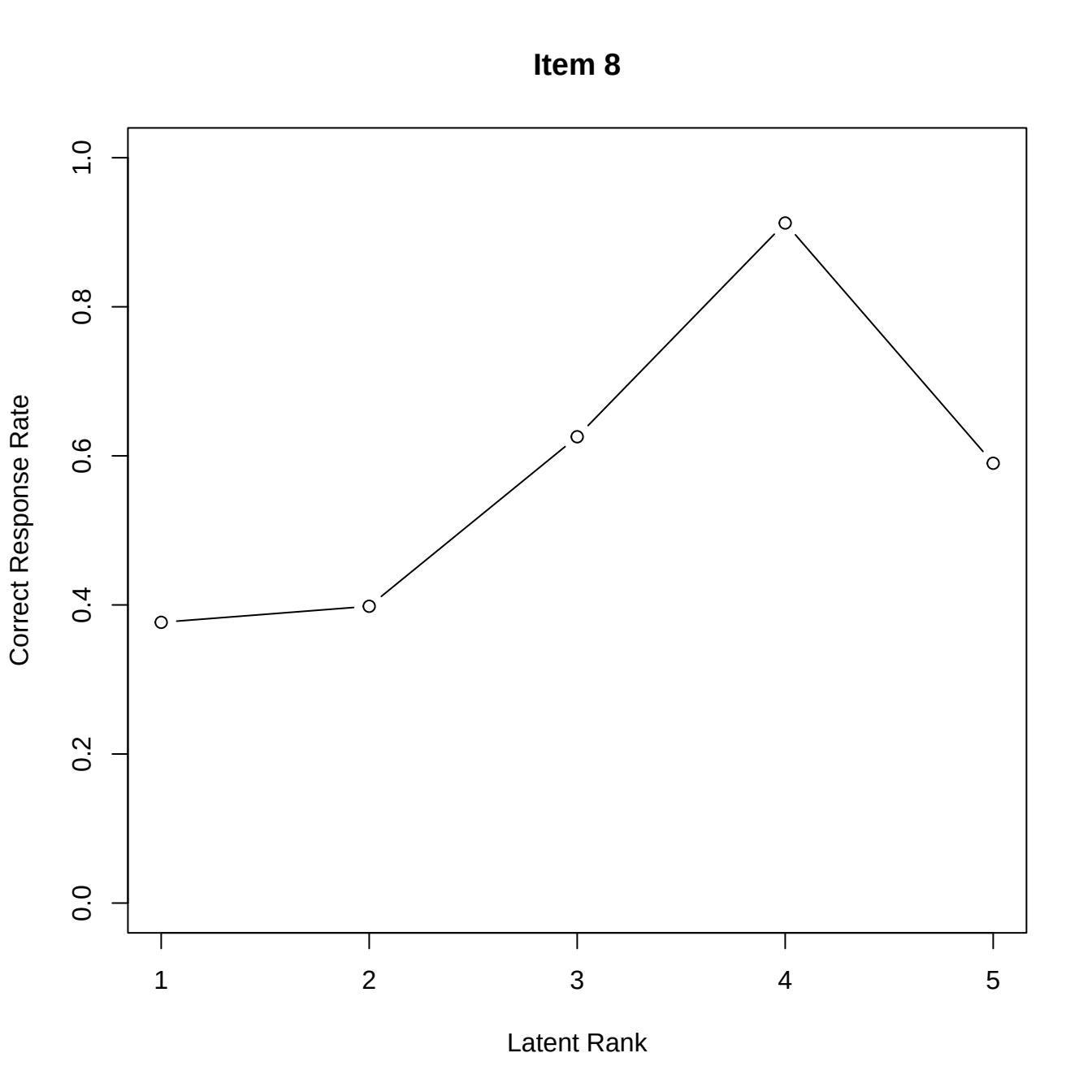
0.6
0.8
1.0
1
2
3
4
5
Latent Rank


Item 8
Correct Response Rate
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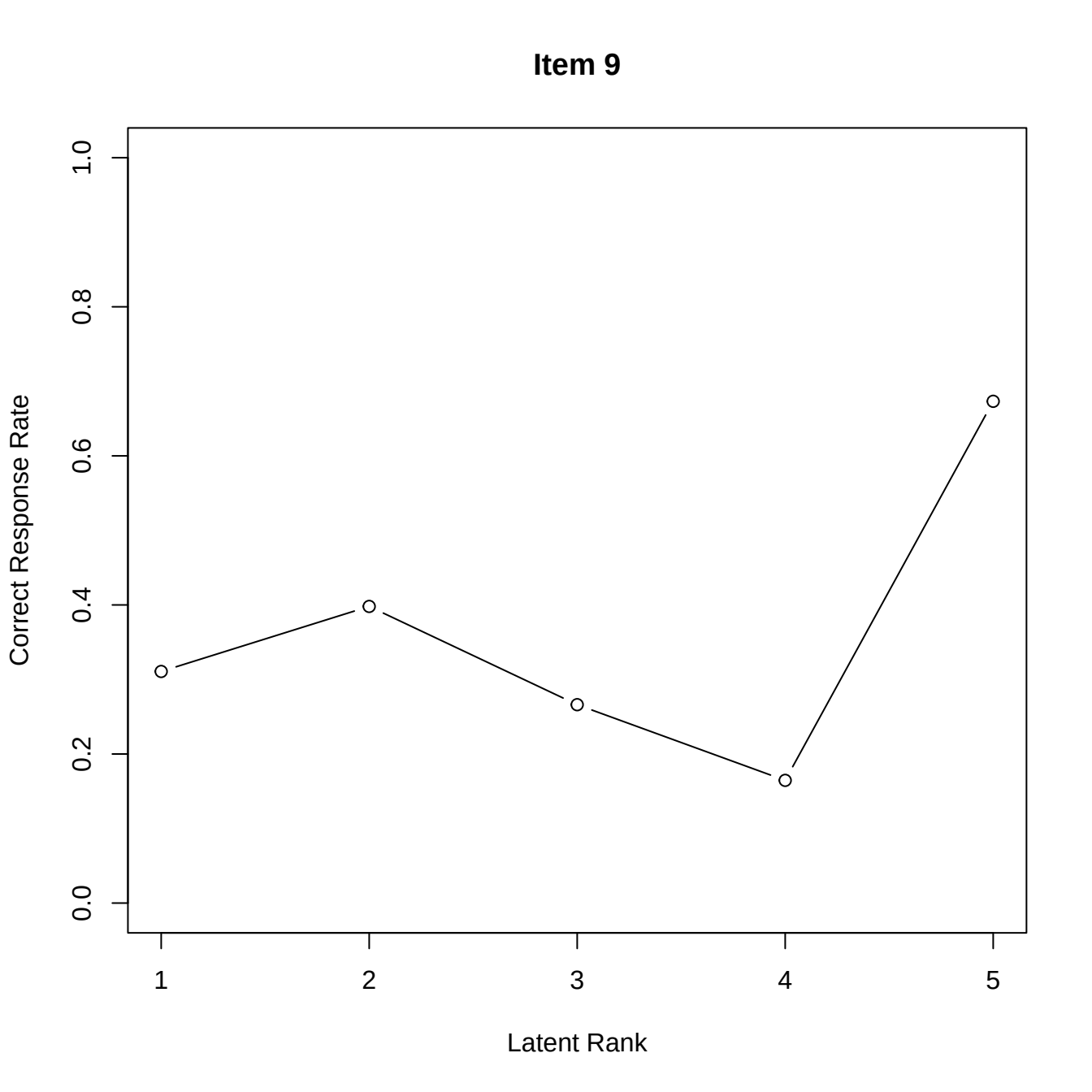
0.4
0.6
0.8
1.0
1
2
3
4
5
Latent Rank


Item 9
Correct Response Rate
0.0
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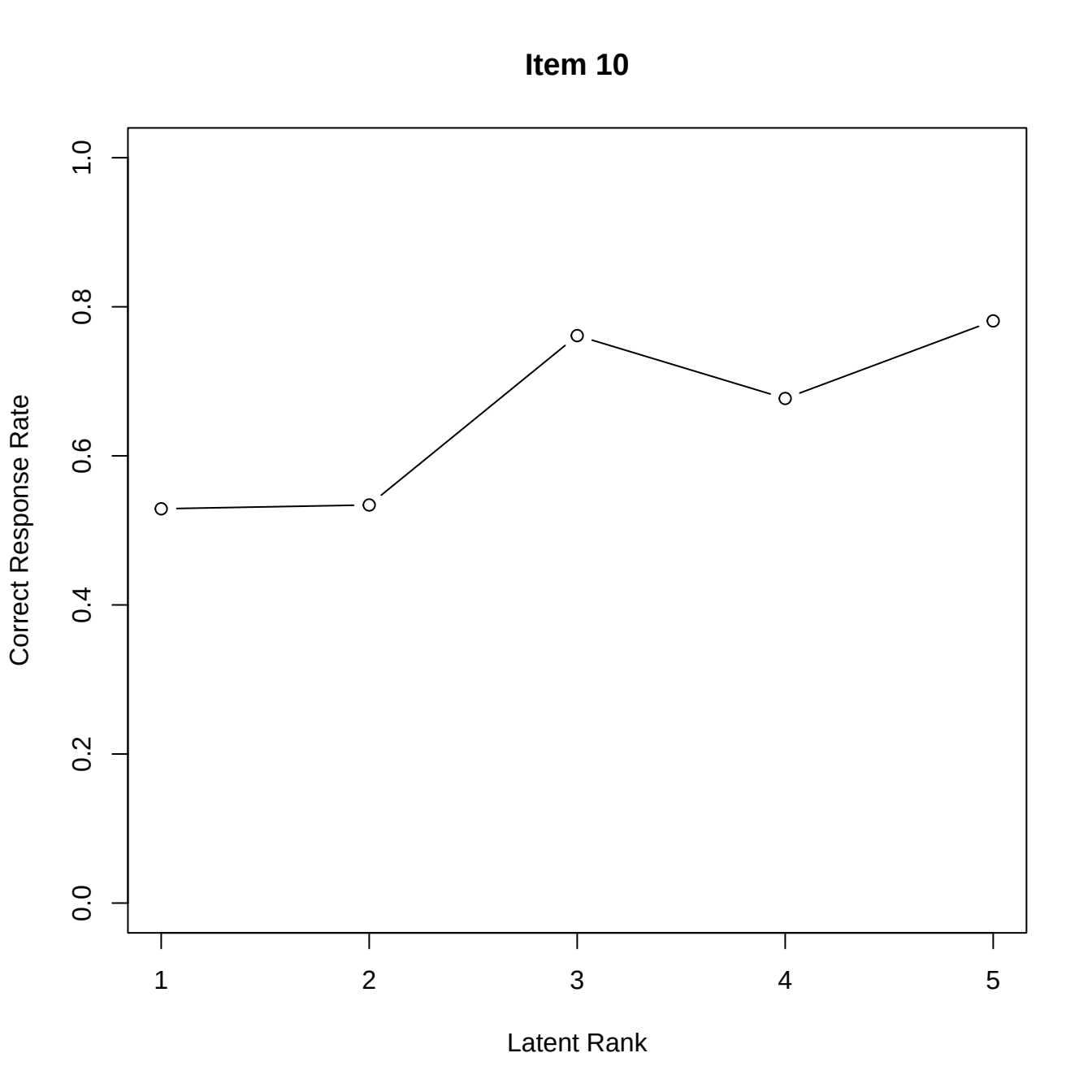
0.4
0.6
0.8
1.0
1
2
3
4
5
Latent Rank


Item 10
Correct Response Rate
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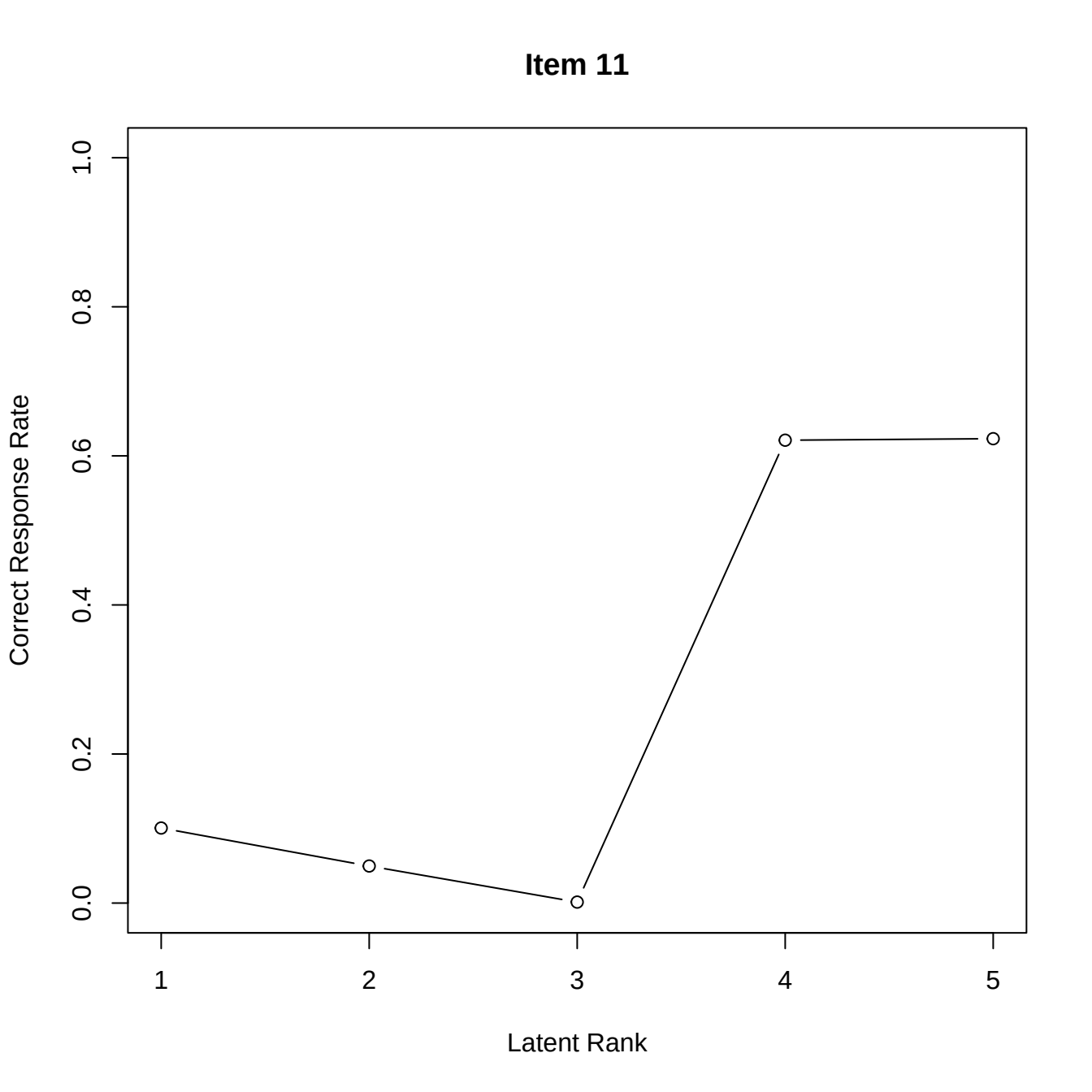
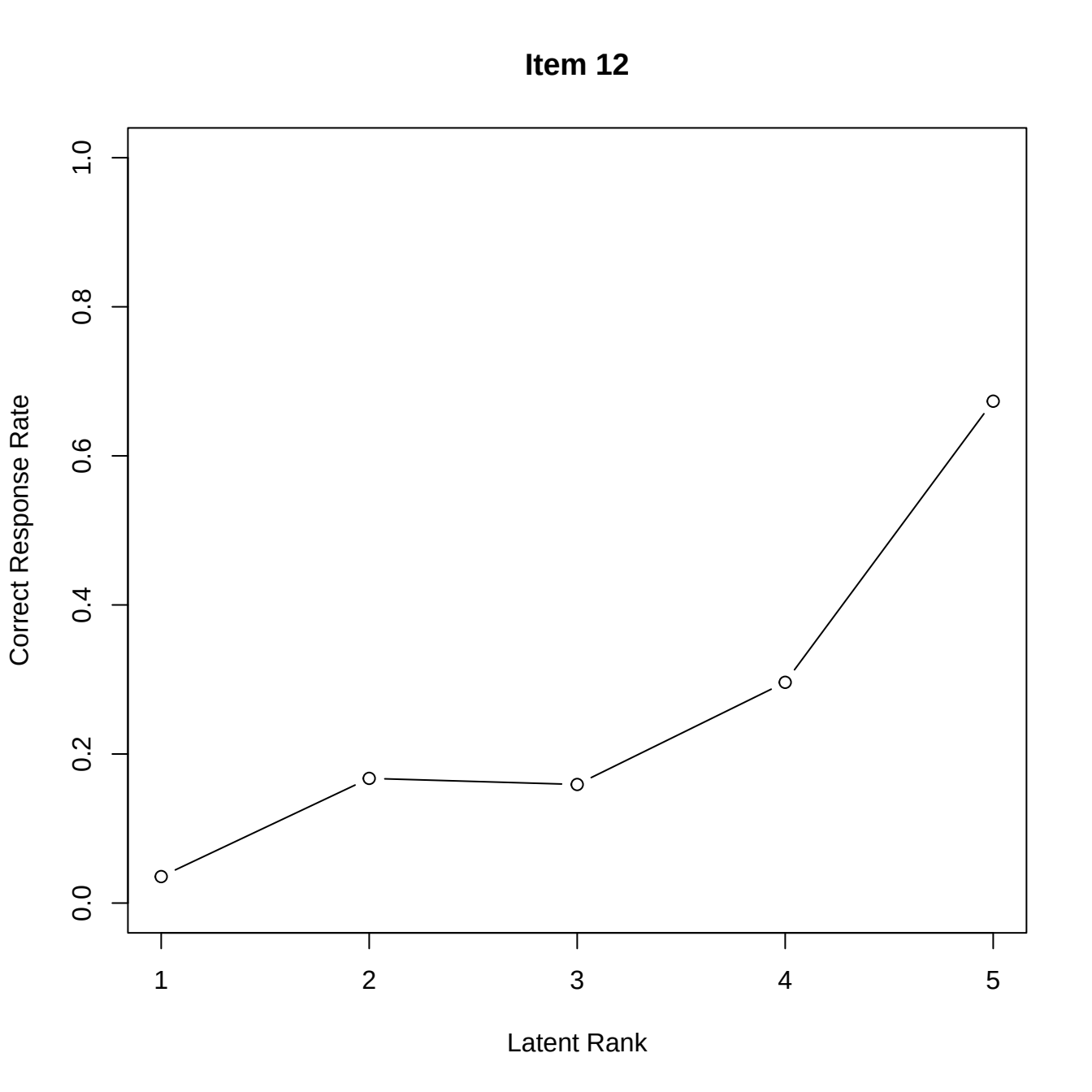
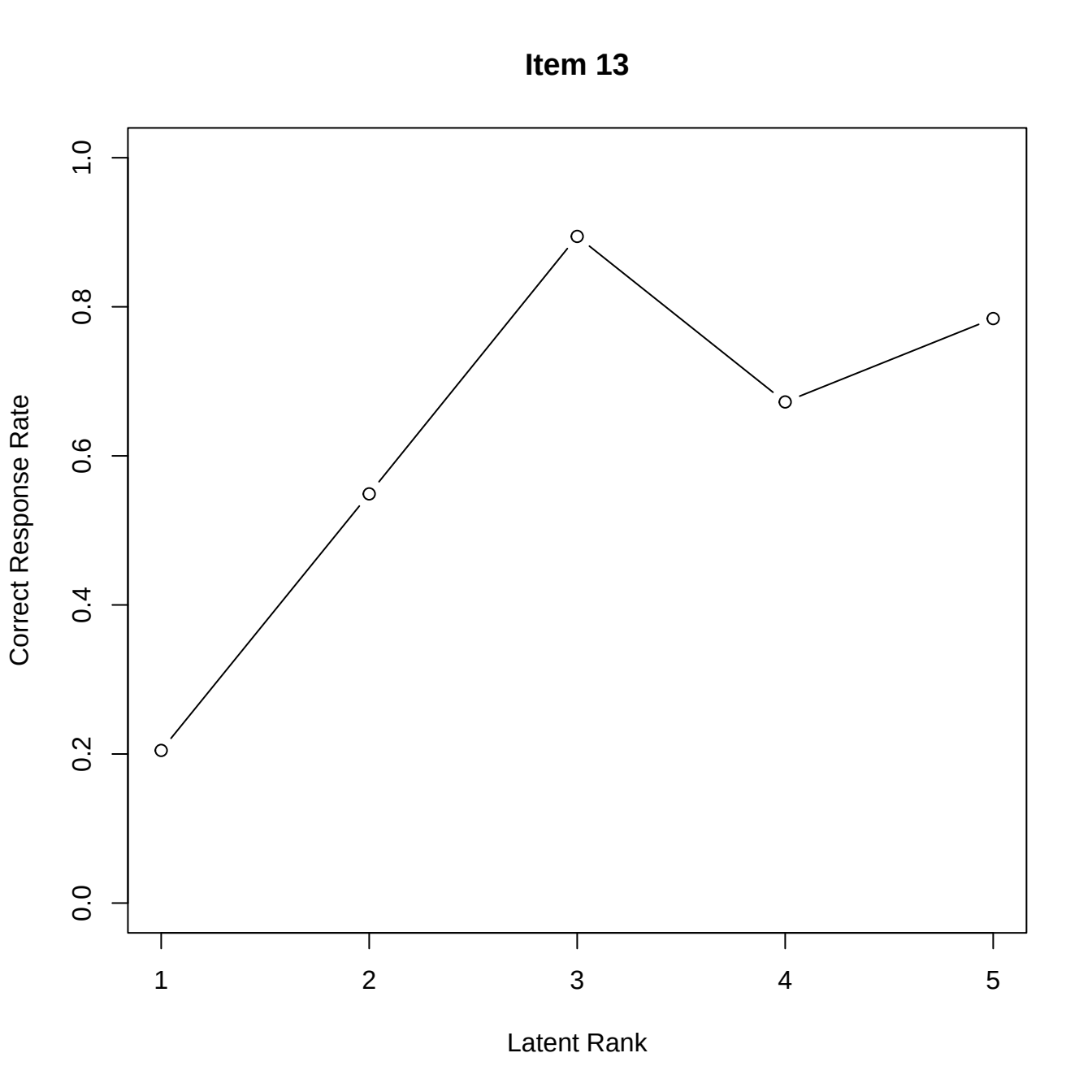
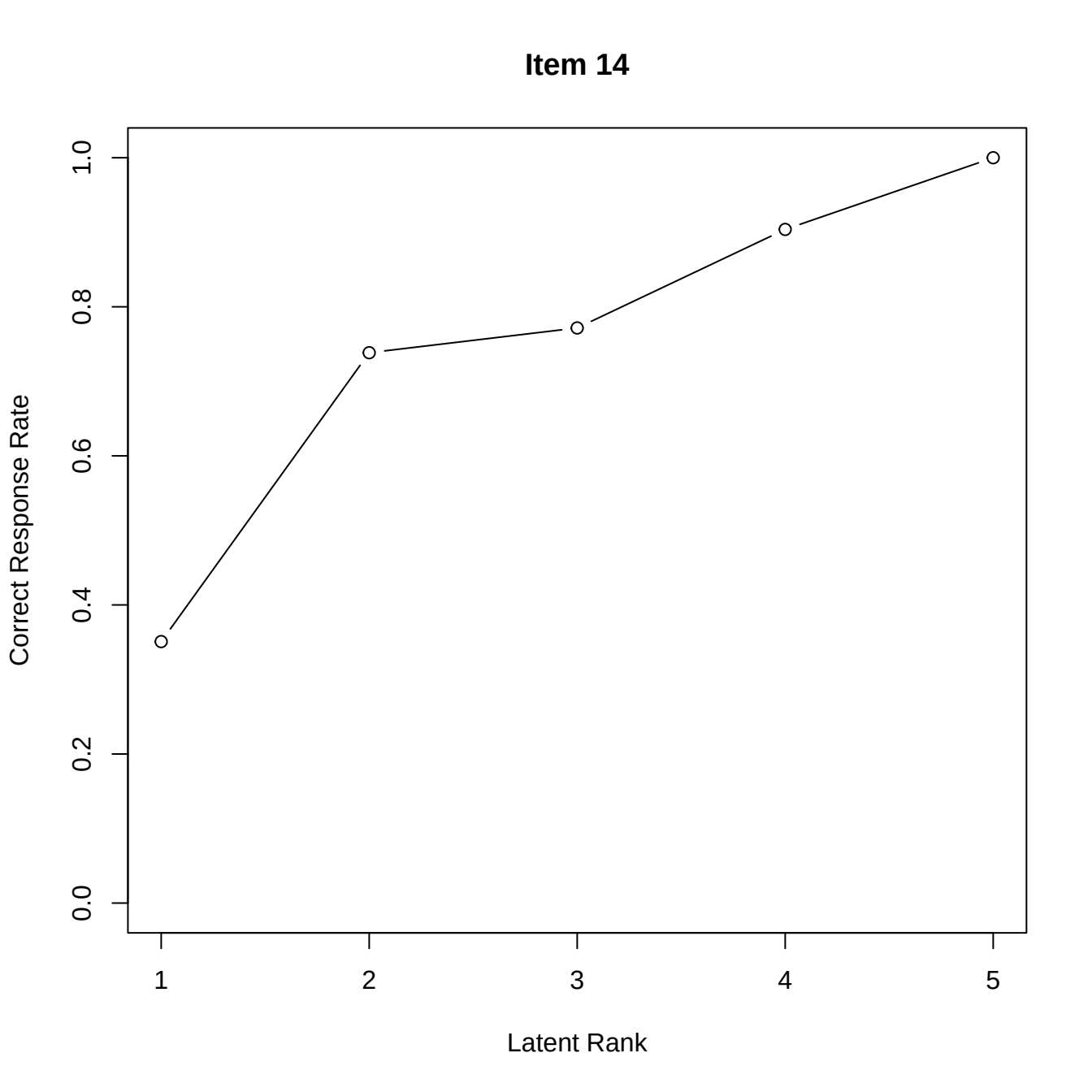
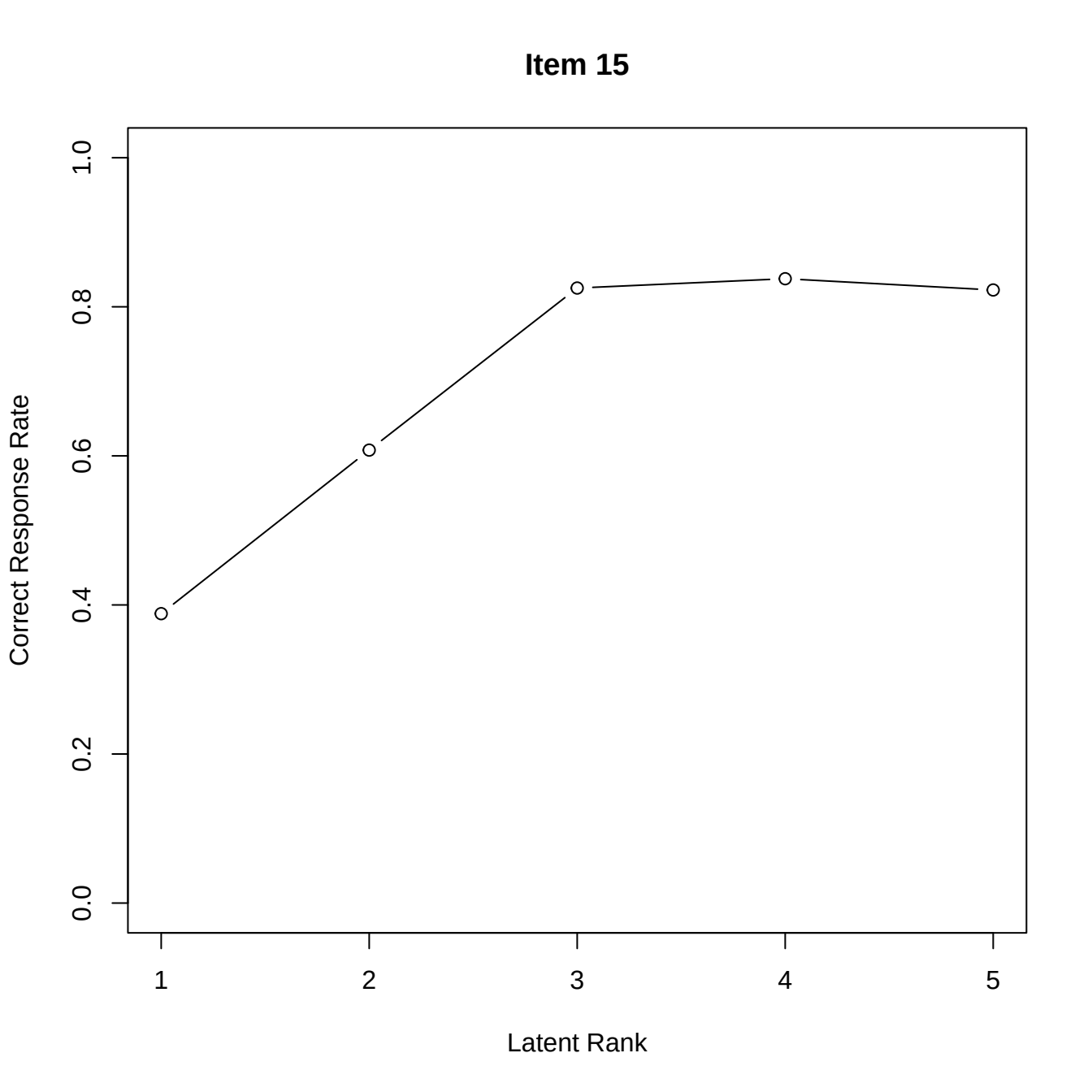
0.2
0.4
0.6
0.8
1.0
1
2
3
4
5
Latent Rank

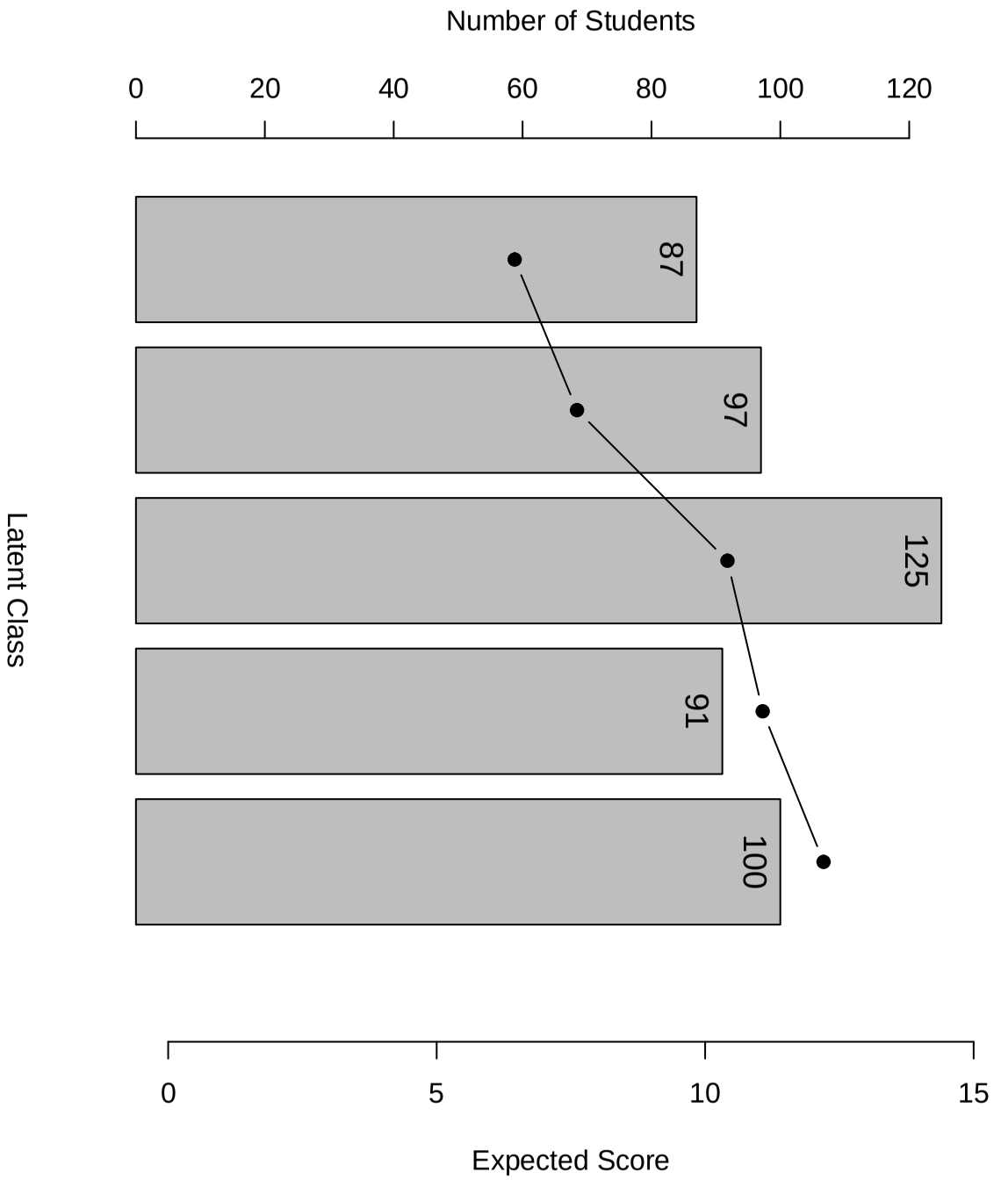

Item 11
Correct Response Rate
0.0
0.2
0.4
0.6
0.8
1.0
1
2
3
4
5
Latent Rank

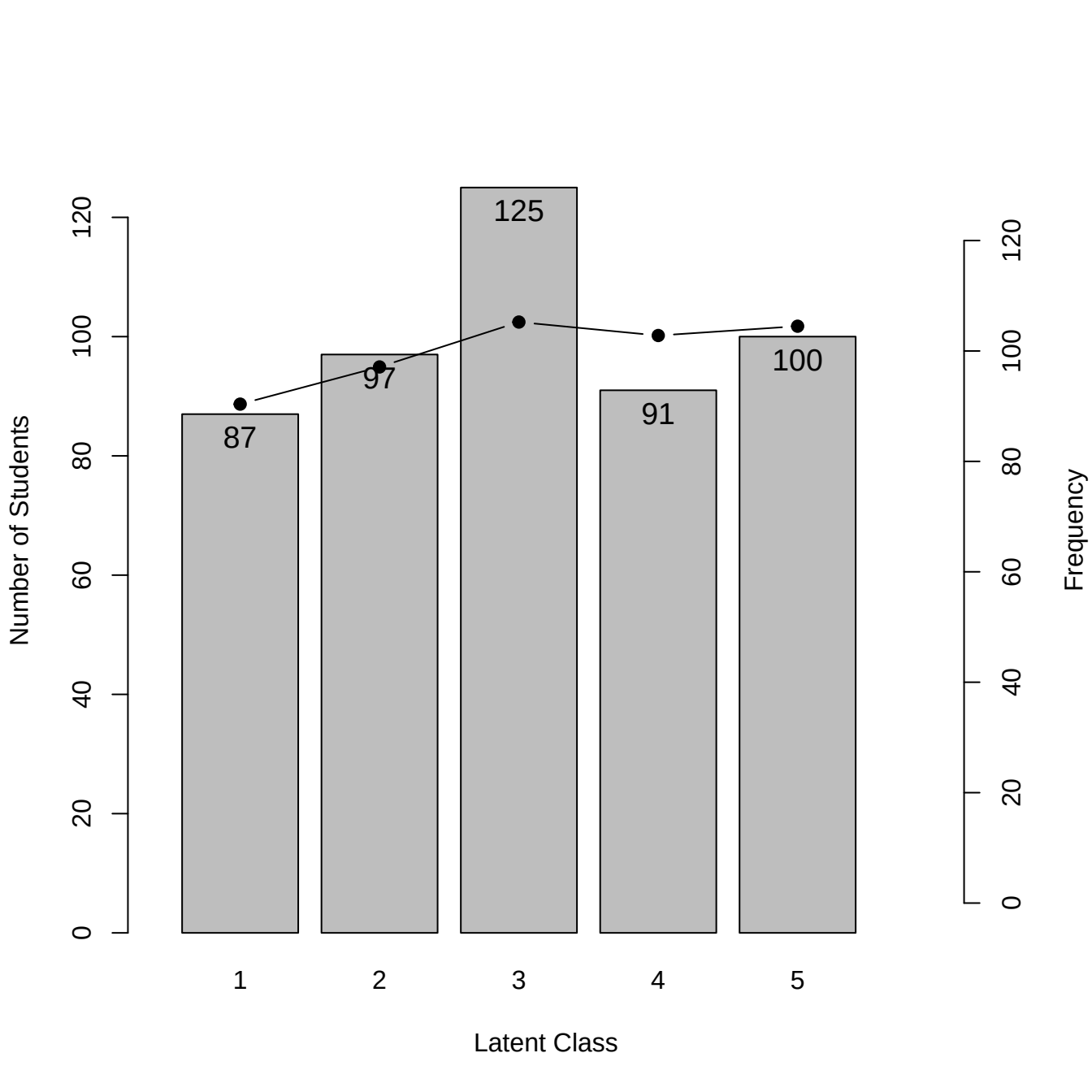

Item 12
Correct Response Rate
0.0
0.2
0.4
0.6
0.8
1.0
1
2
3
4
5
Latent Rank

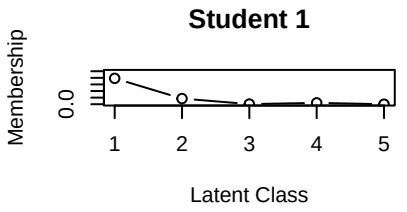

Item 13
Correct Response Rate
0.0
0.2
0.4
0.6
0.8
1.0
1
2
3
4
5
Latent Rank

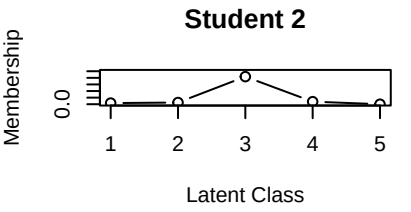

Item 14
Correct Response Rate
0.0
0.2
0.4
0.6
0.8
1.0
1
2
3
4
5
Latent Rank

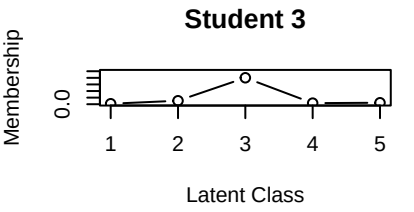

Item 15
Correct Response Rate
0.0
0.2
0.4
0.6
0.8
1.0
1
2
3
4
5
Latent Rank

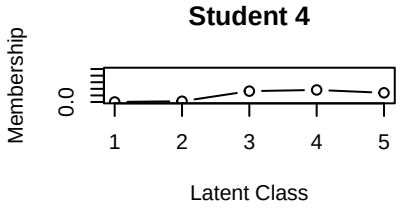

Number of Students
0
20
40
60
80
100
120
87
97
125
91
100
Latent Class
0
5
10
15
Expected Score

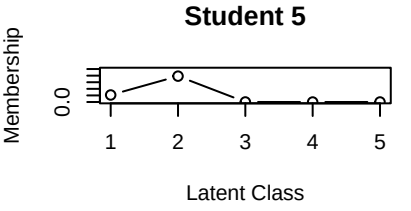

Number of Students
0
20
40
60
80
100
120
87
97
125
91
100
1
2
3
4
5
Latent Class
Frequency
0
20
40
60
80
100
120

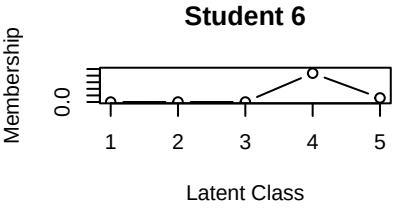

Student 1
Membership
0.0
1
2
3
4
5
Latent Class

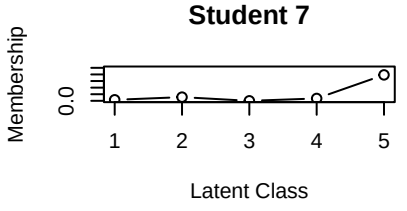

Student 2
Membership
0.0
1
2
3
4
5
Latent Class

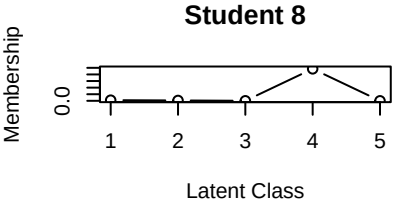

Student 3
Membership
0.0
1
2
3
4
5
Latent Class

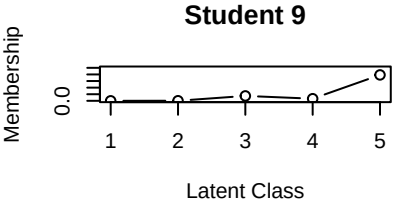

Student 4
Membership
0.0
1
2
3
4
5
Latent Class

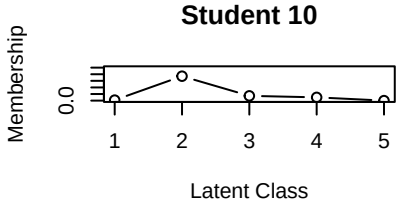

Student 5
Membership
0.0
1
2
3
4
5
Latent Class

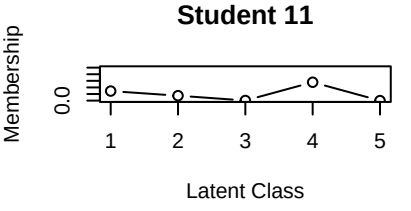

Student 6
Membership
0.0
1
2
3
4
5
Latent Class

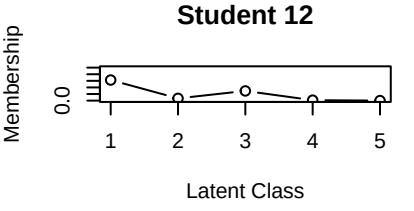

Student 7
Membership
0.0
1
2
3
4
5
Latent Class

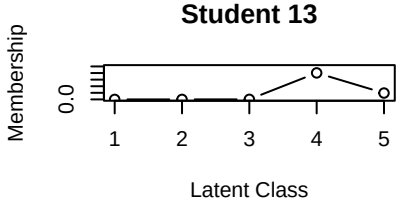

Student 8
Membership
0.0
1
2
3
4
5
Latent Class

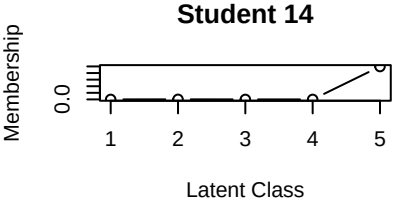

Student 9
Membership
0.0
1
2
3
4
5
Latent Class

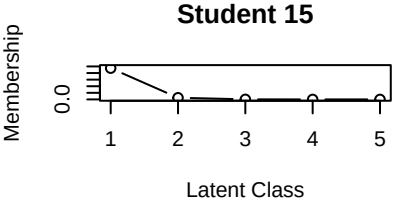

Student 10
Membership
0.0
1
2
3
4
5
Latent Class

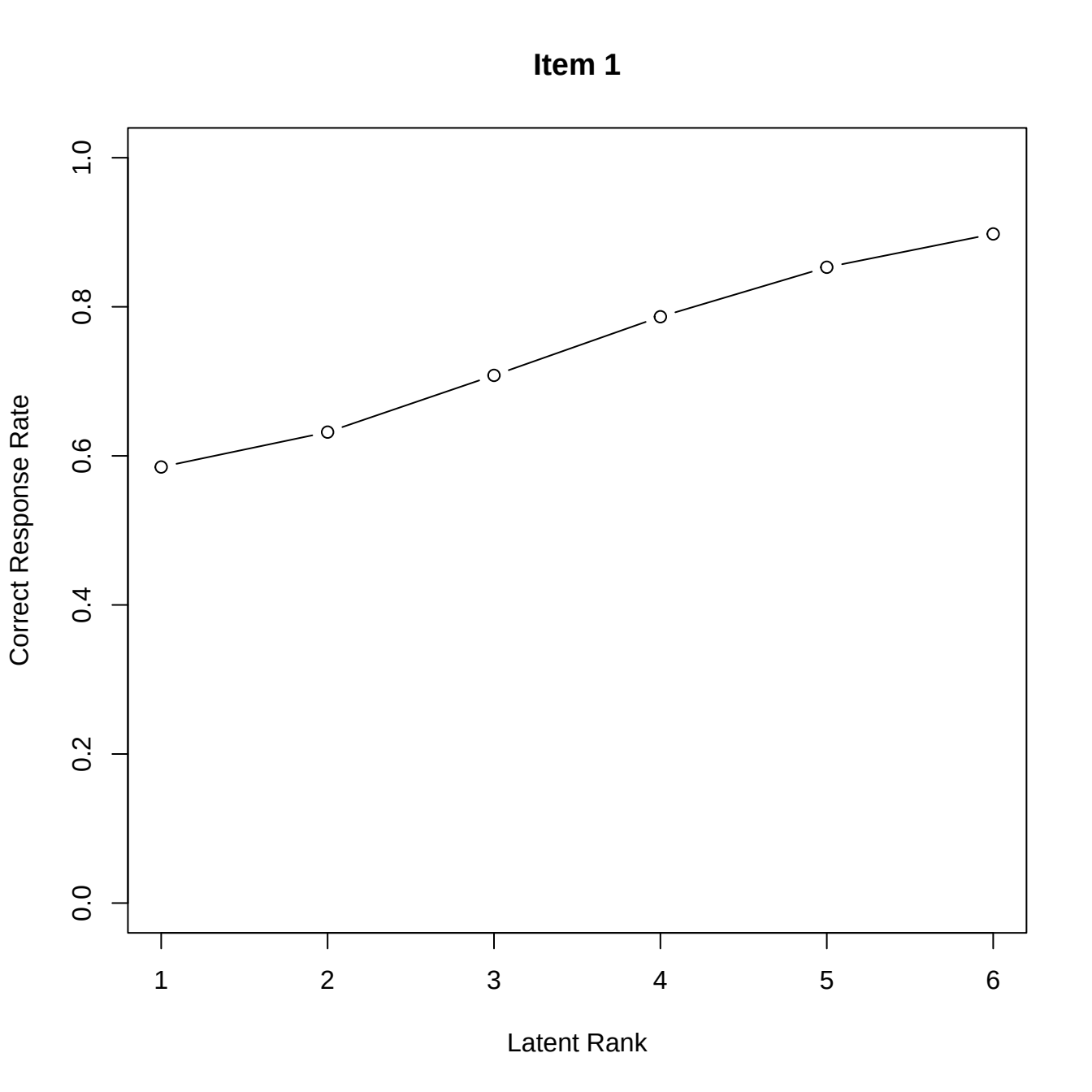

Student 11
Membership
0.0
1
2
3
4
5
Latent Class


Student 12
Membership
0.0
1
2
3
4
5
Latent Class


Student 13
Membership
0.0
1
2
3
4
5
Latent Class


Student 14
Membership
0.0
1
2
3
4
5
Latent Class


Student 15
Membership
0.0
1
2
3
4
5
Latent Class


Item 1
Correct Response Rate
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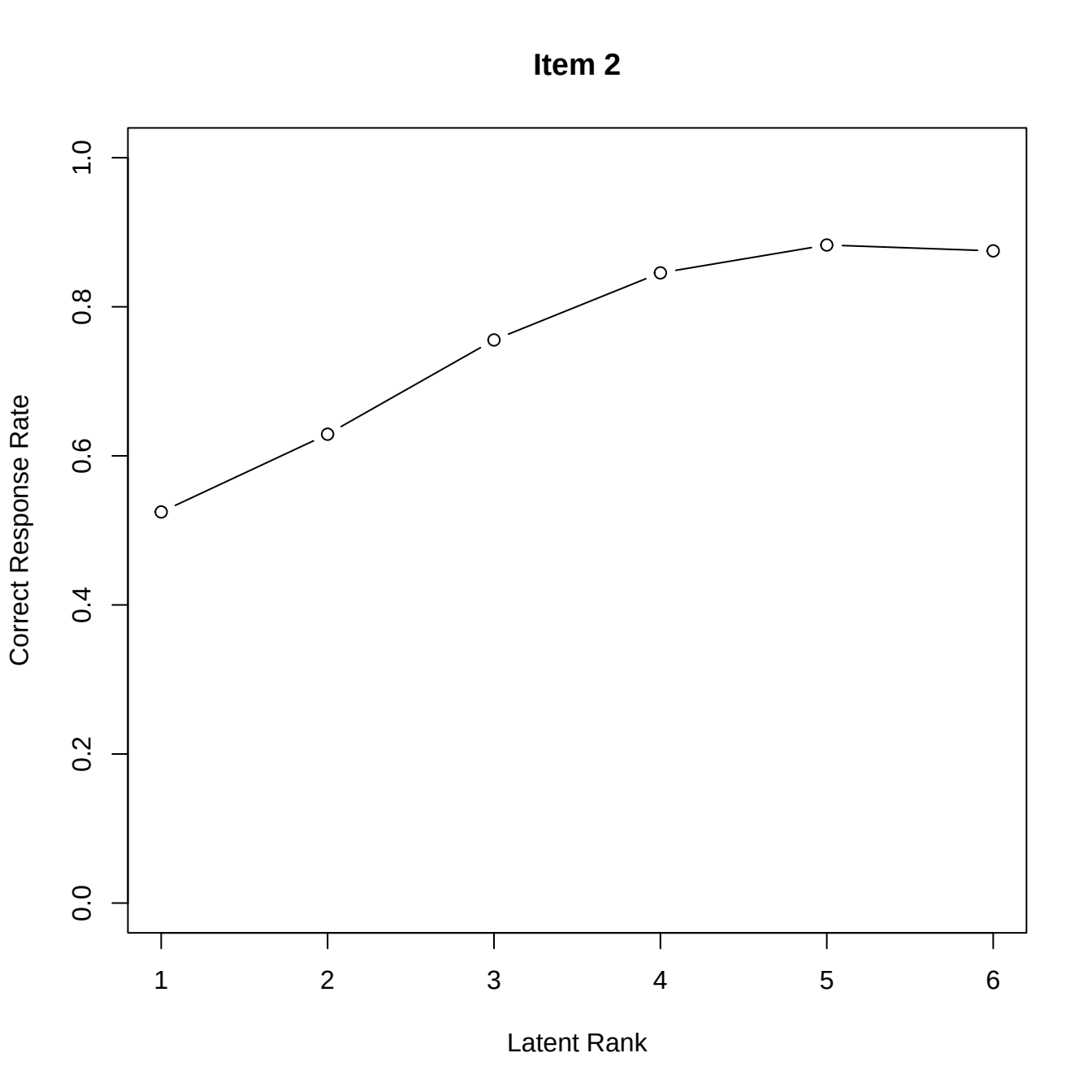
0.2
0.4
0.6
0.8
1.0
1
2
3
4
5
6
Latent Rank


Item 2
Correct Response Rate
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0.4
0.6
0.8
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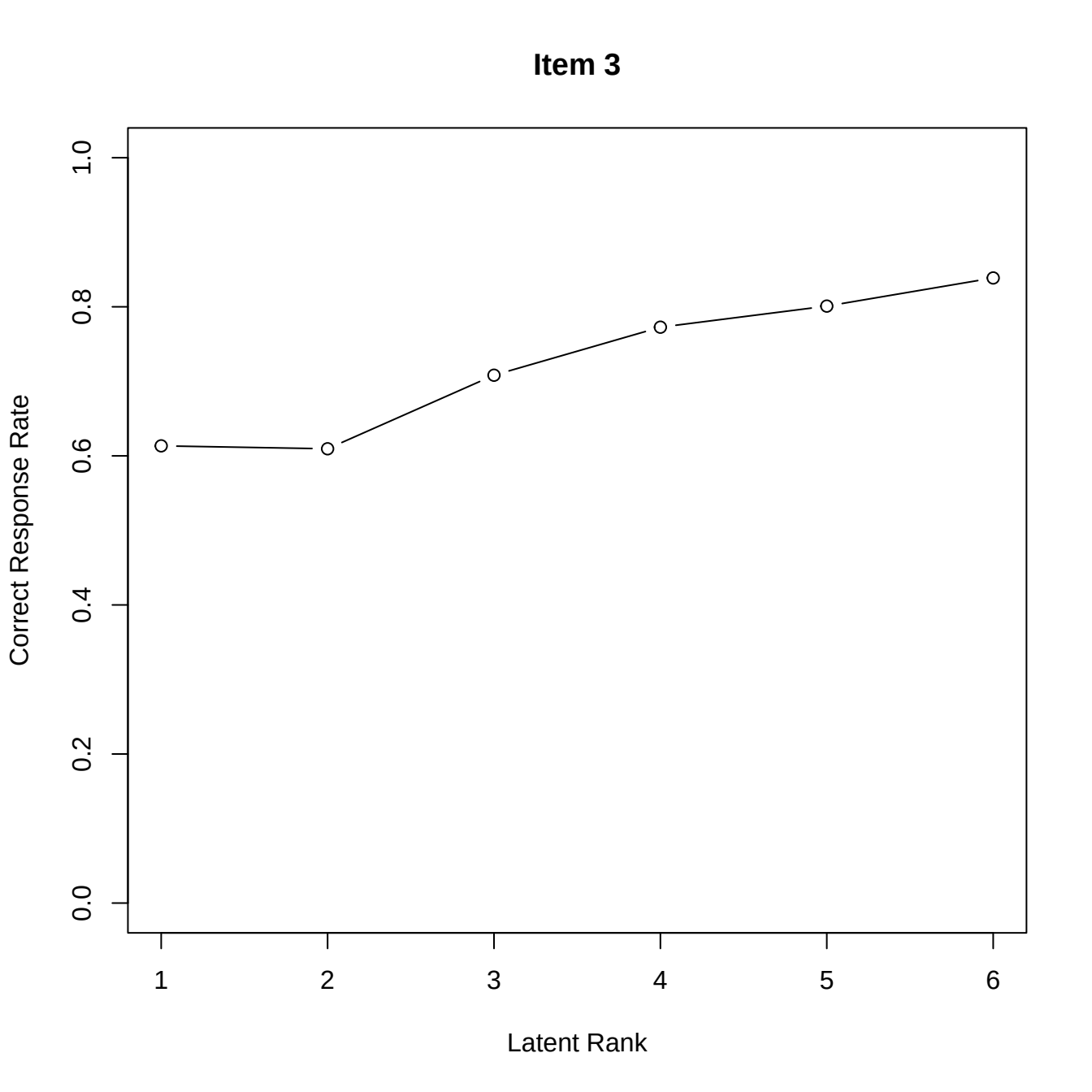
1
2
3
4
5
6
Latent Rank


Item 3
Correct Response Rate
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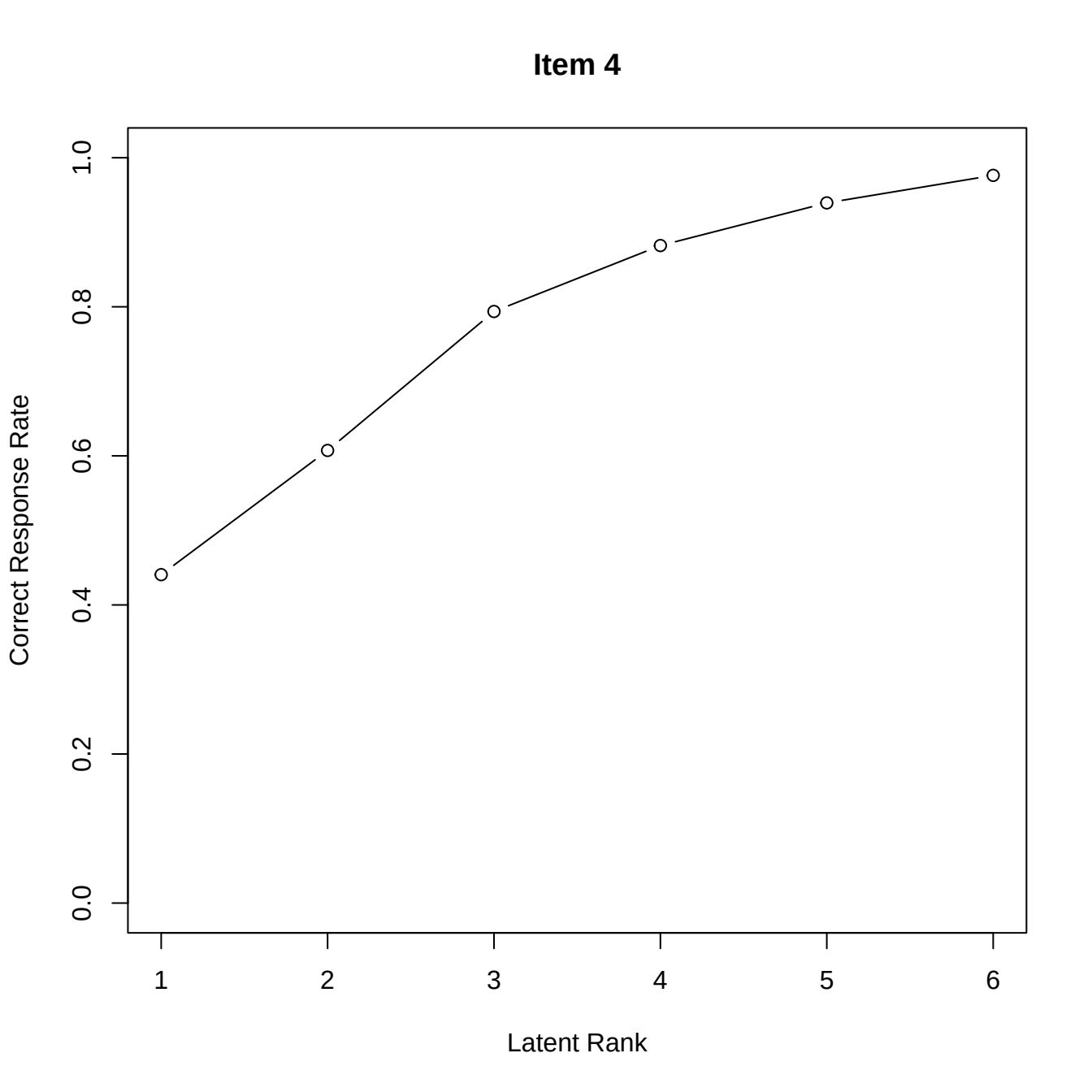
0.2
0.4
0.6
0.8
1.0
1
2
3
4
5
6
Latent Rank


Item 4
Correct Response Rate
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0.4
0.6
0.8
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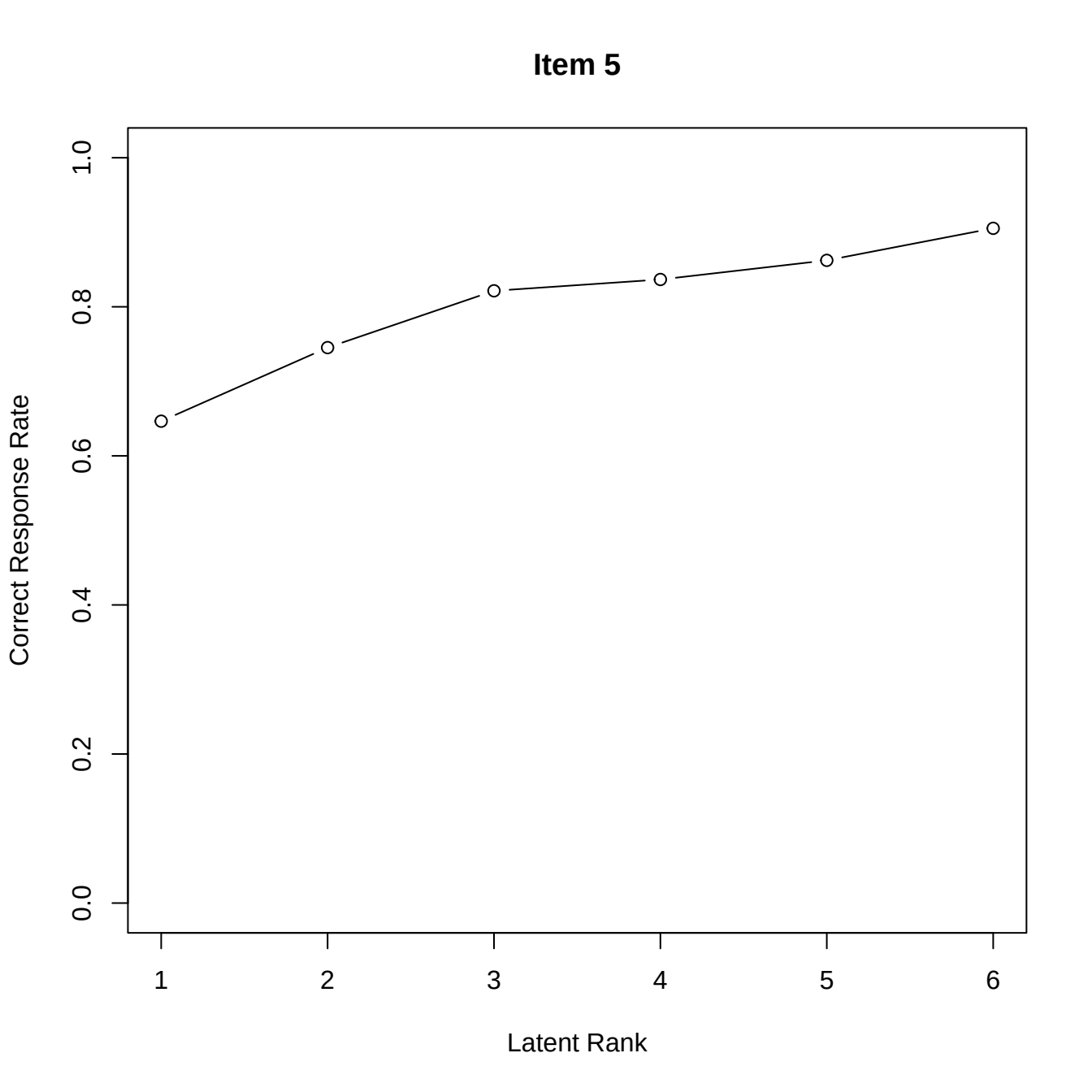
1
2
3
4
5
6
Latent Rank


Item 5
Correct Response Rate
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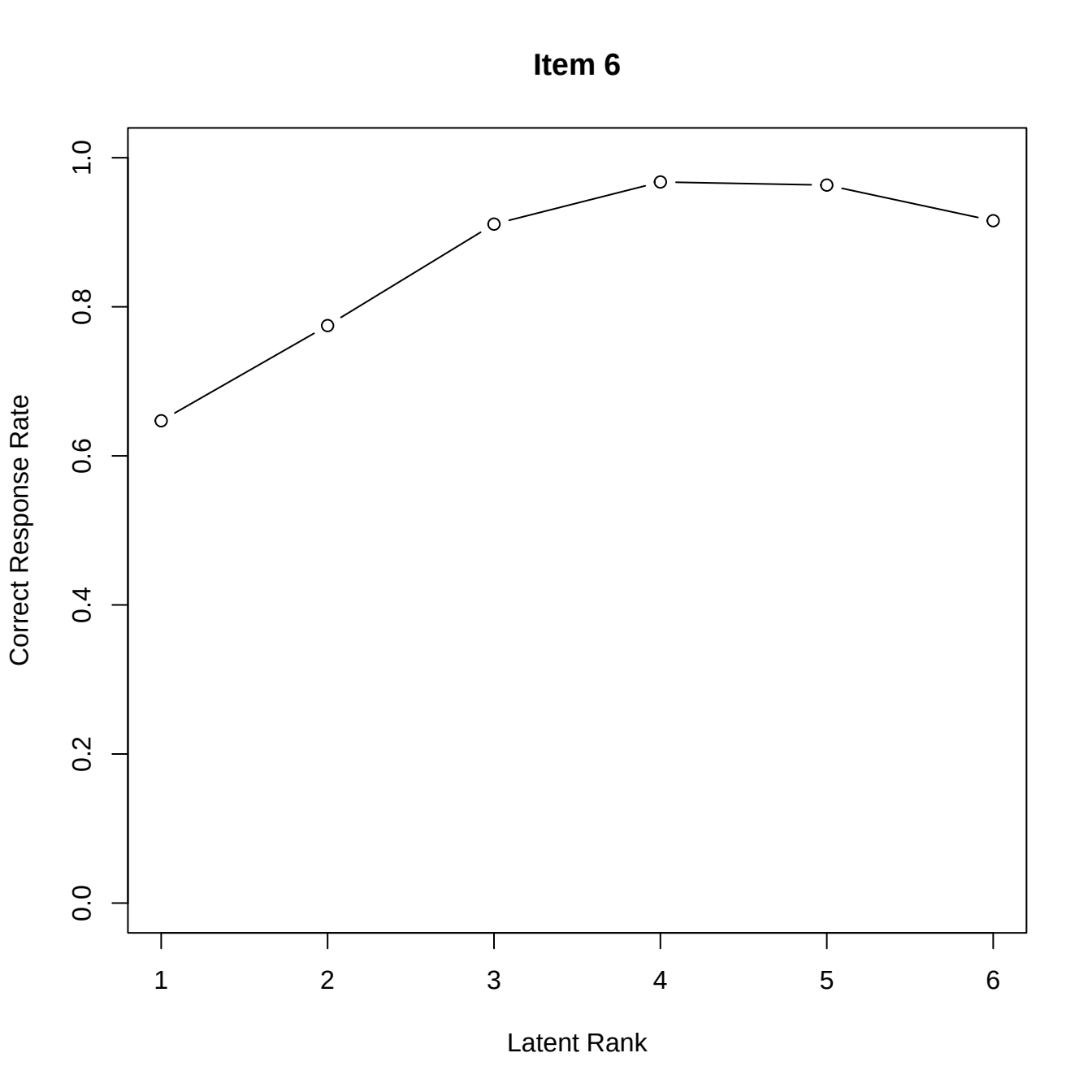
0.2
0.4
0.6
0.8
1.0
1
2
3
4
5
6
Latent Rank


Item 6
Correct Response Rate
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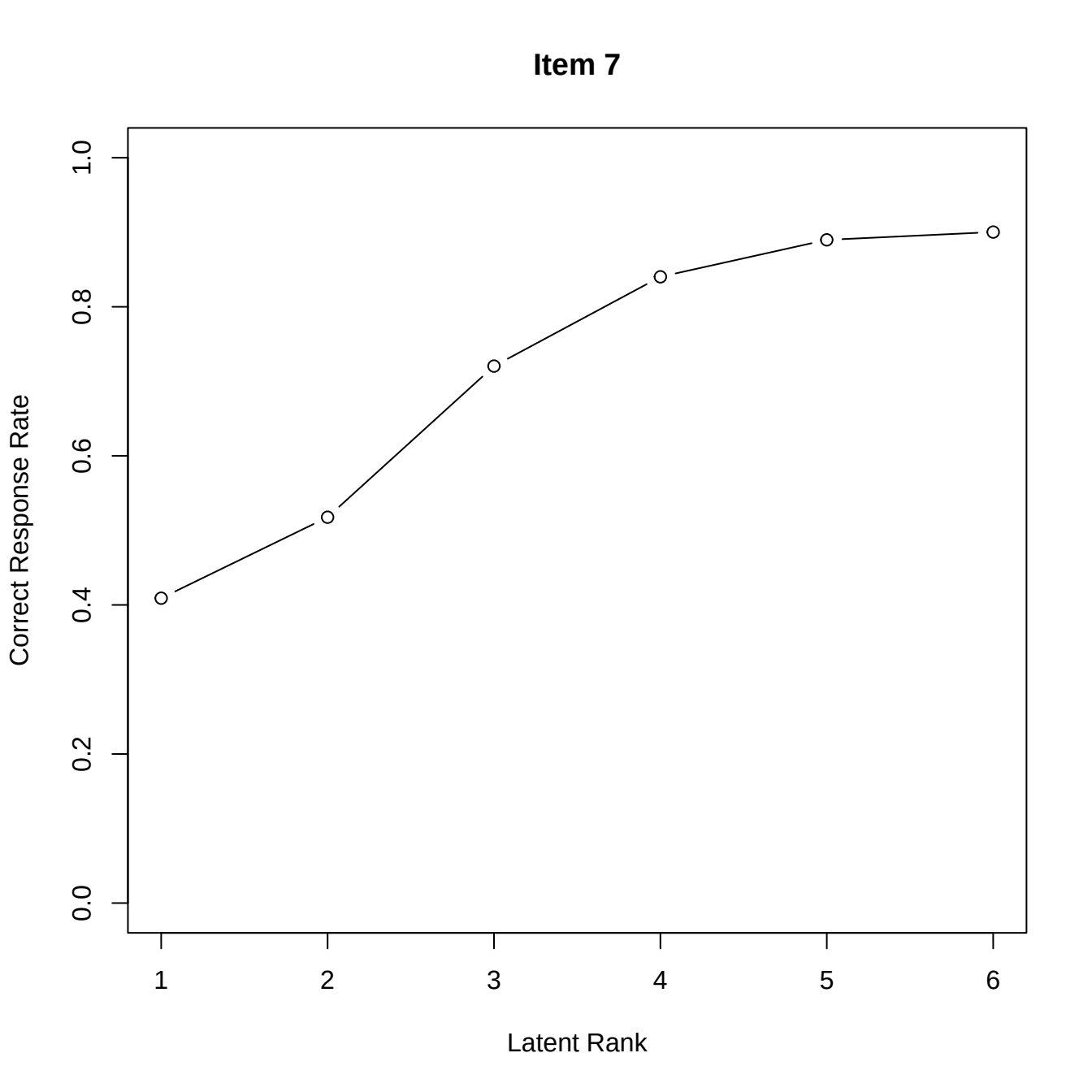
0.4
0.6
0.8
1.0
1
2
3
4
5
6
Latent Rank


Item 7
Correct Response Rate
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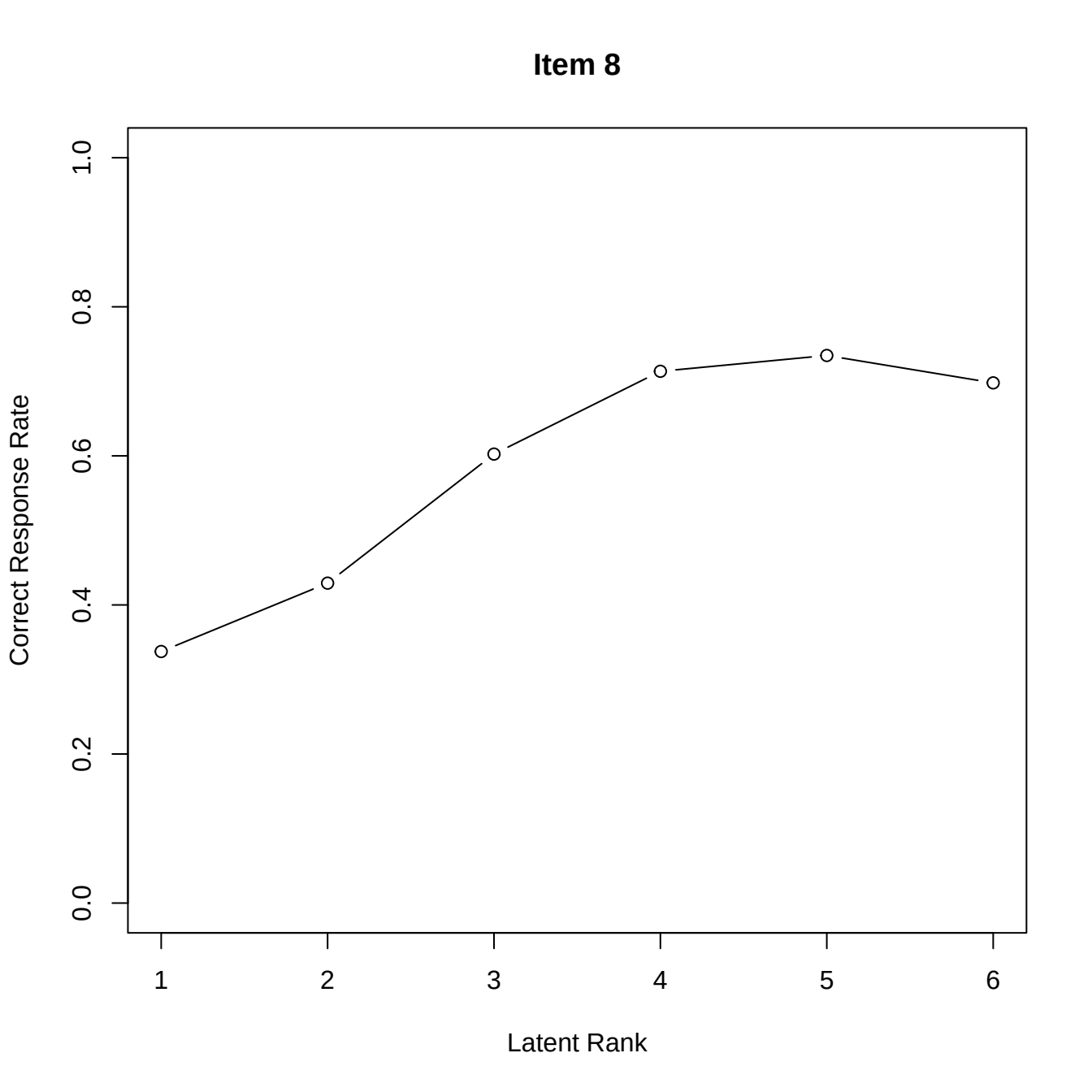
0.2
0.4
0.6
0.8
1.0
1
2
3
4
5
6
Latent Rank


Item 8
Correct Response Rate
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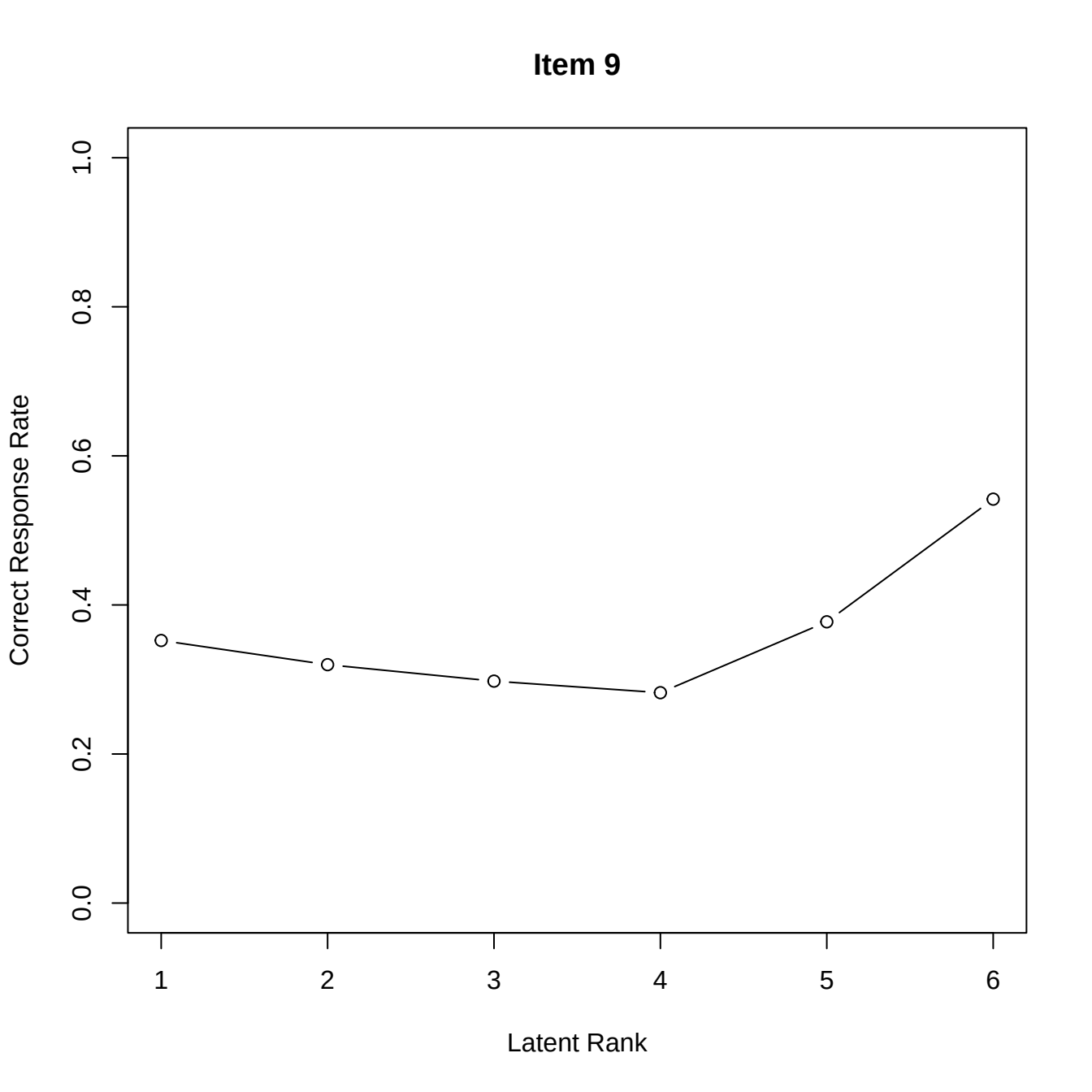
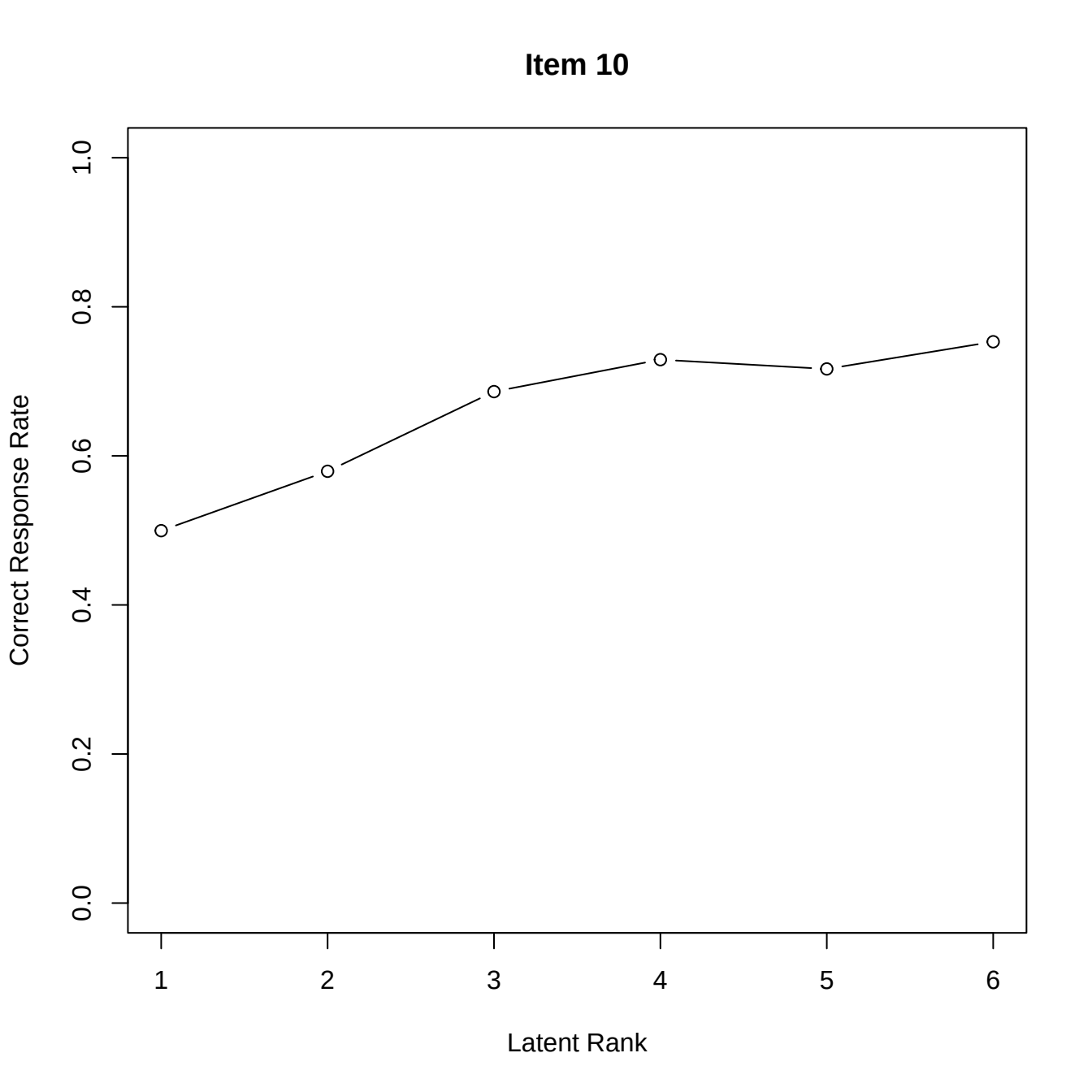
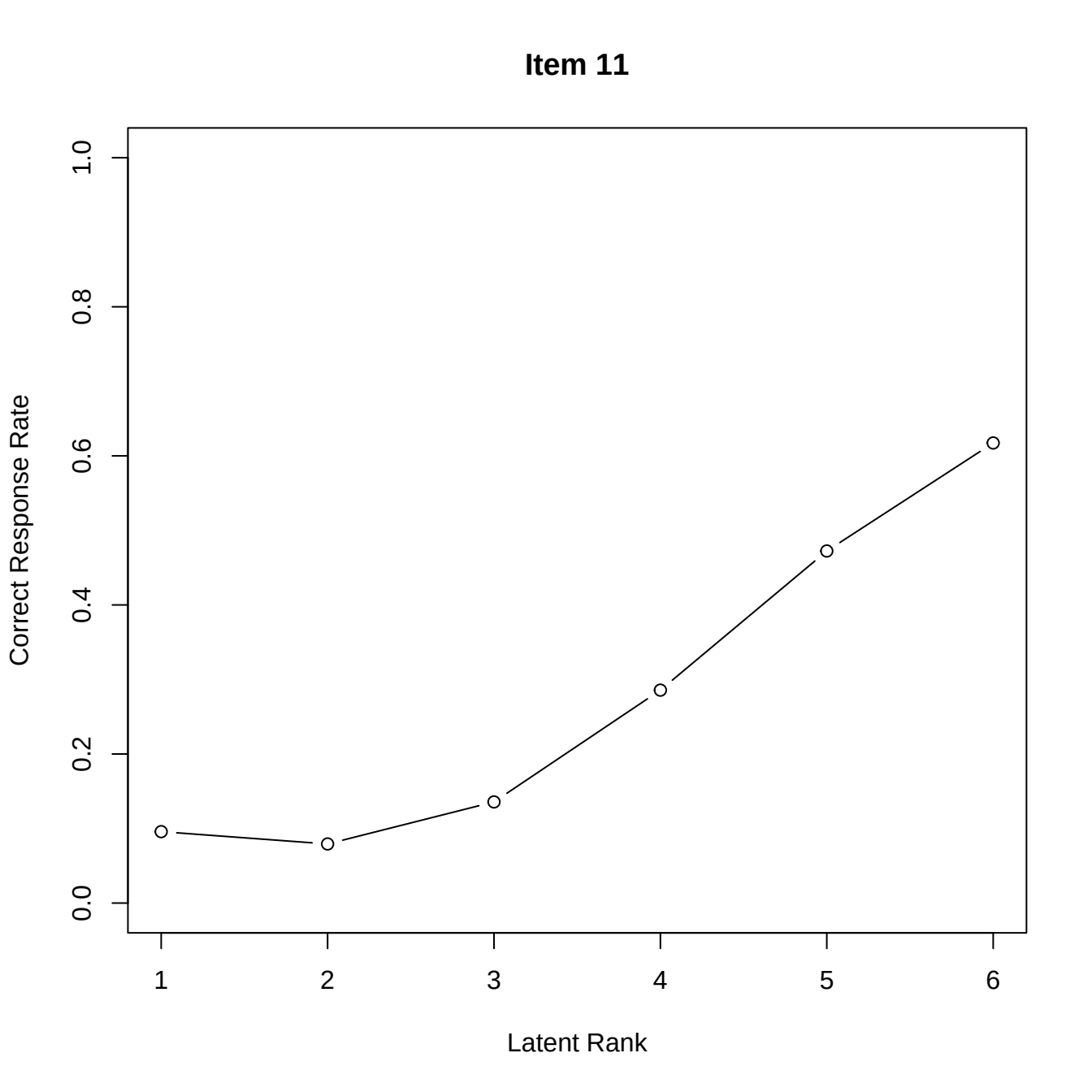
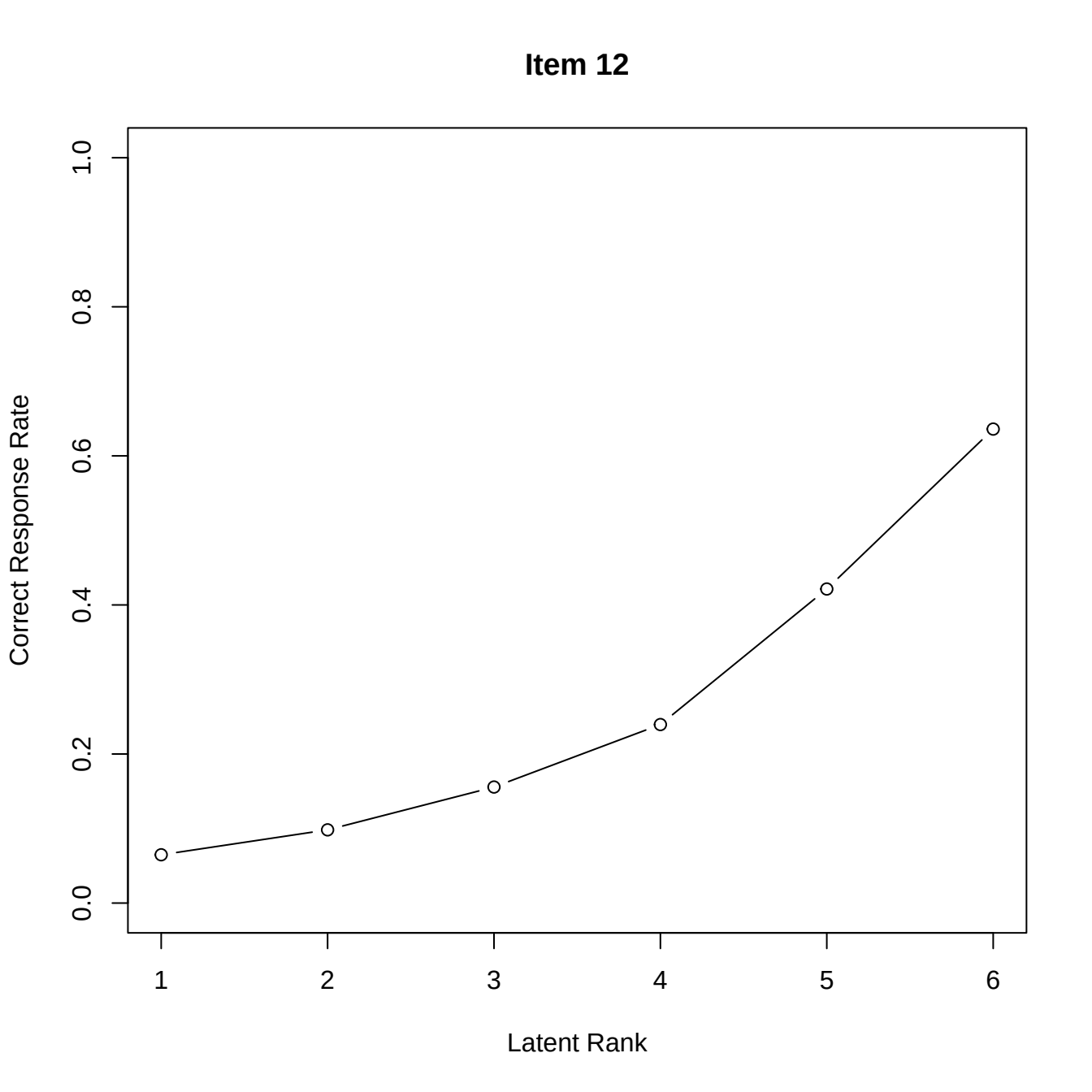
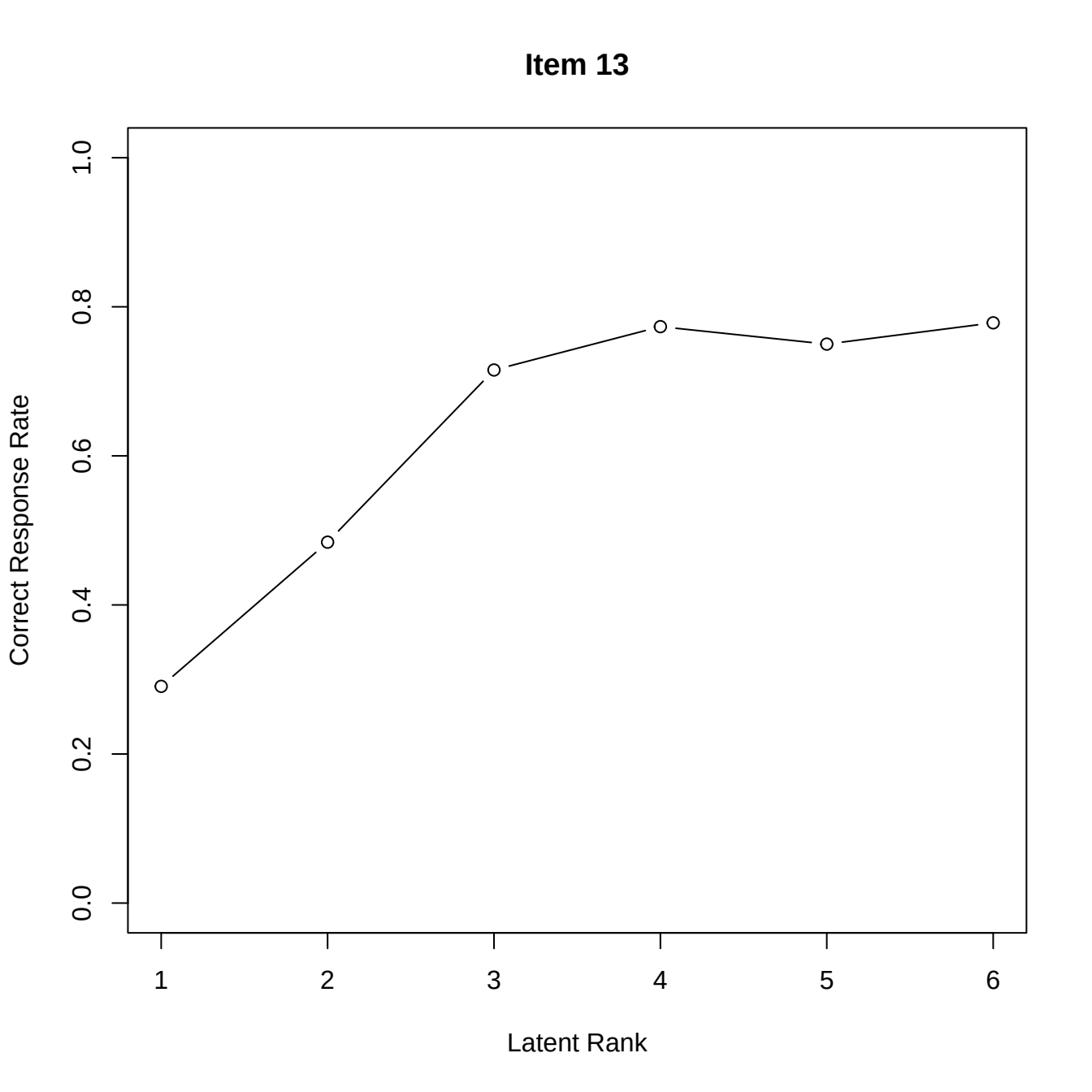
0.2
0.4
0.6
0.8
1.0
1
2
3
4
5
6
Latent Rank

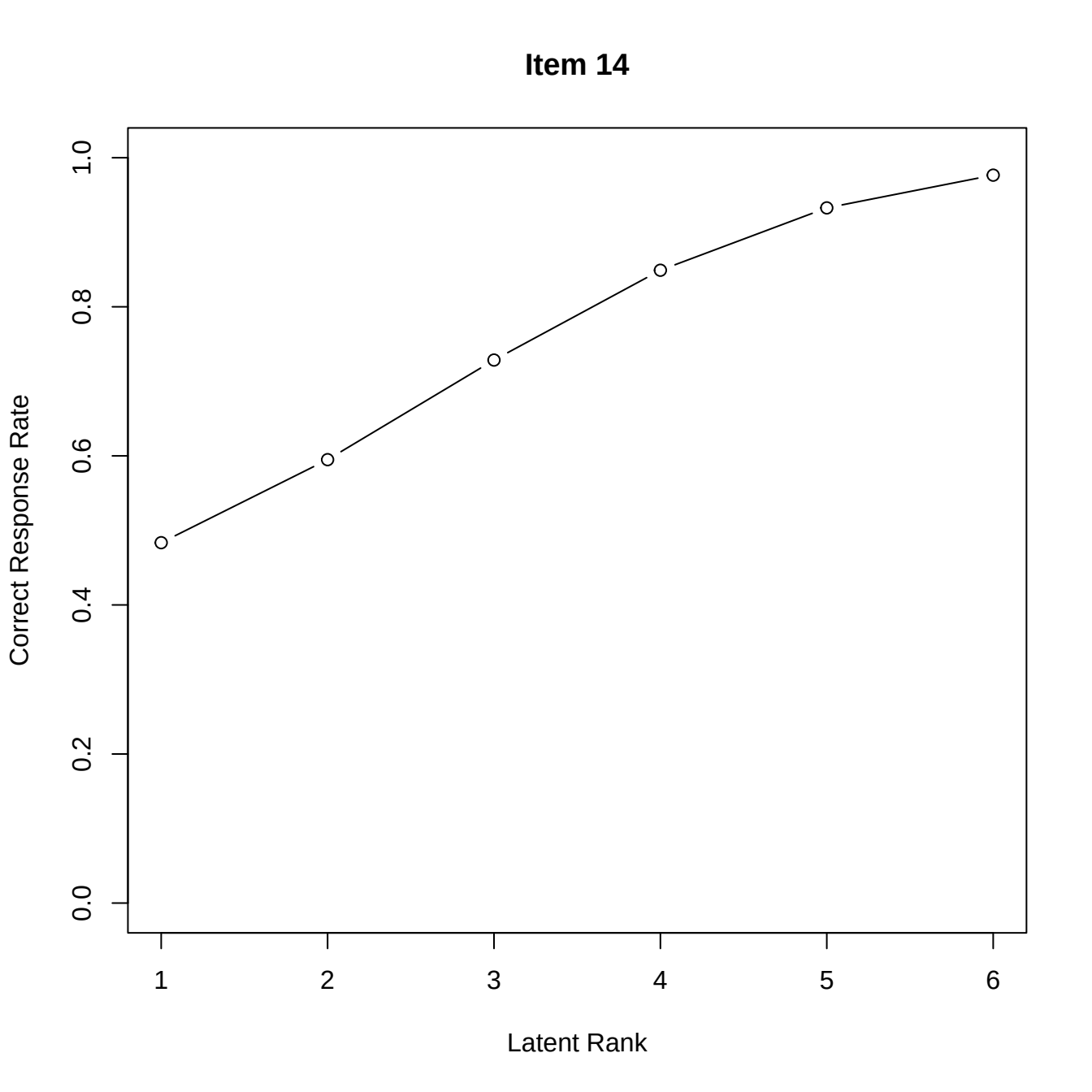

Item 9
Correct Response Rate
0.0
0.2
0.4
0.6
0.8
1.0
1
2
3
4
5
6
Latent Rank

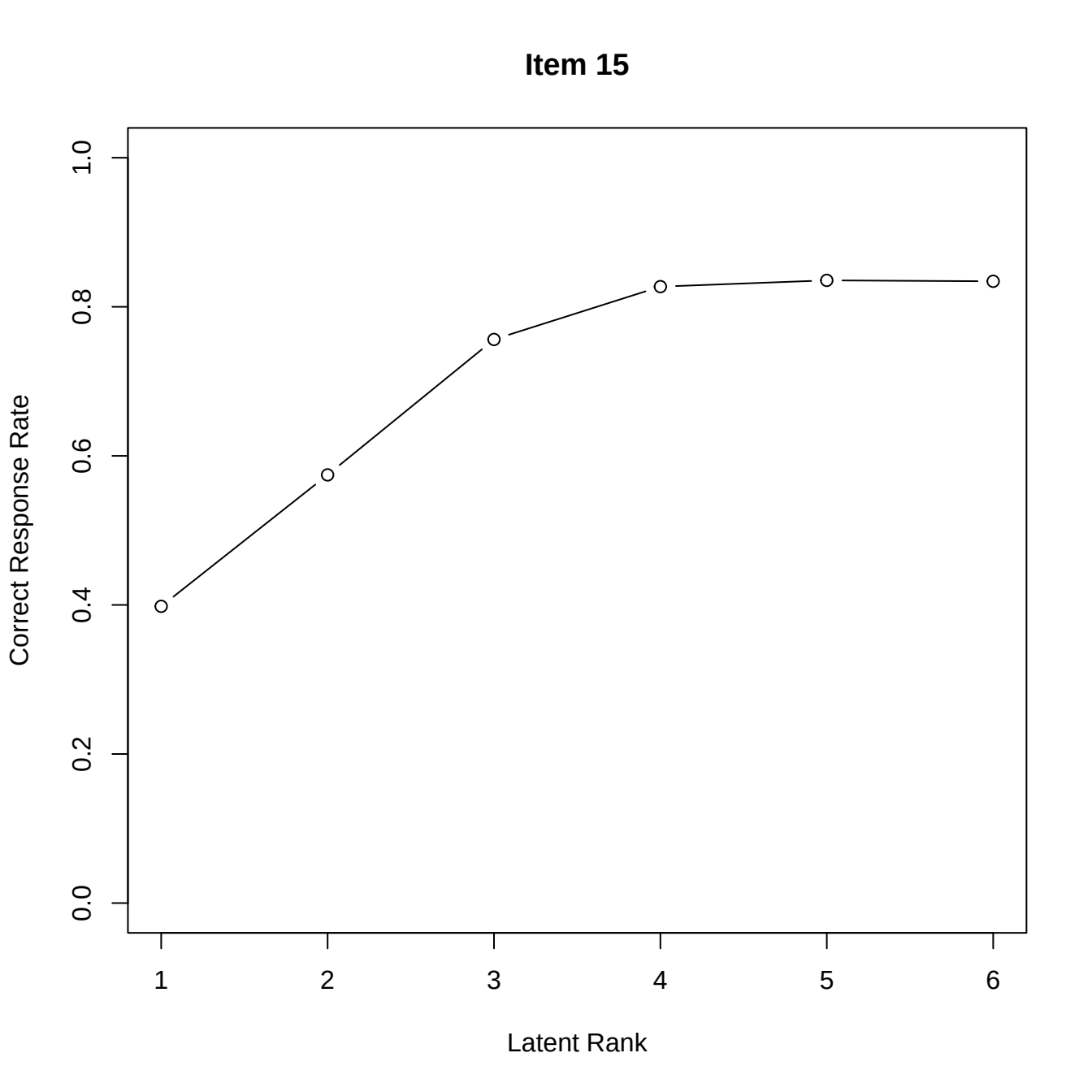

Item 10
Correct Response Rate
0.0
0.2
0.4
0.6
0.8
1.0
1
2
3
4
5
6
Latent Rank

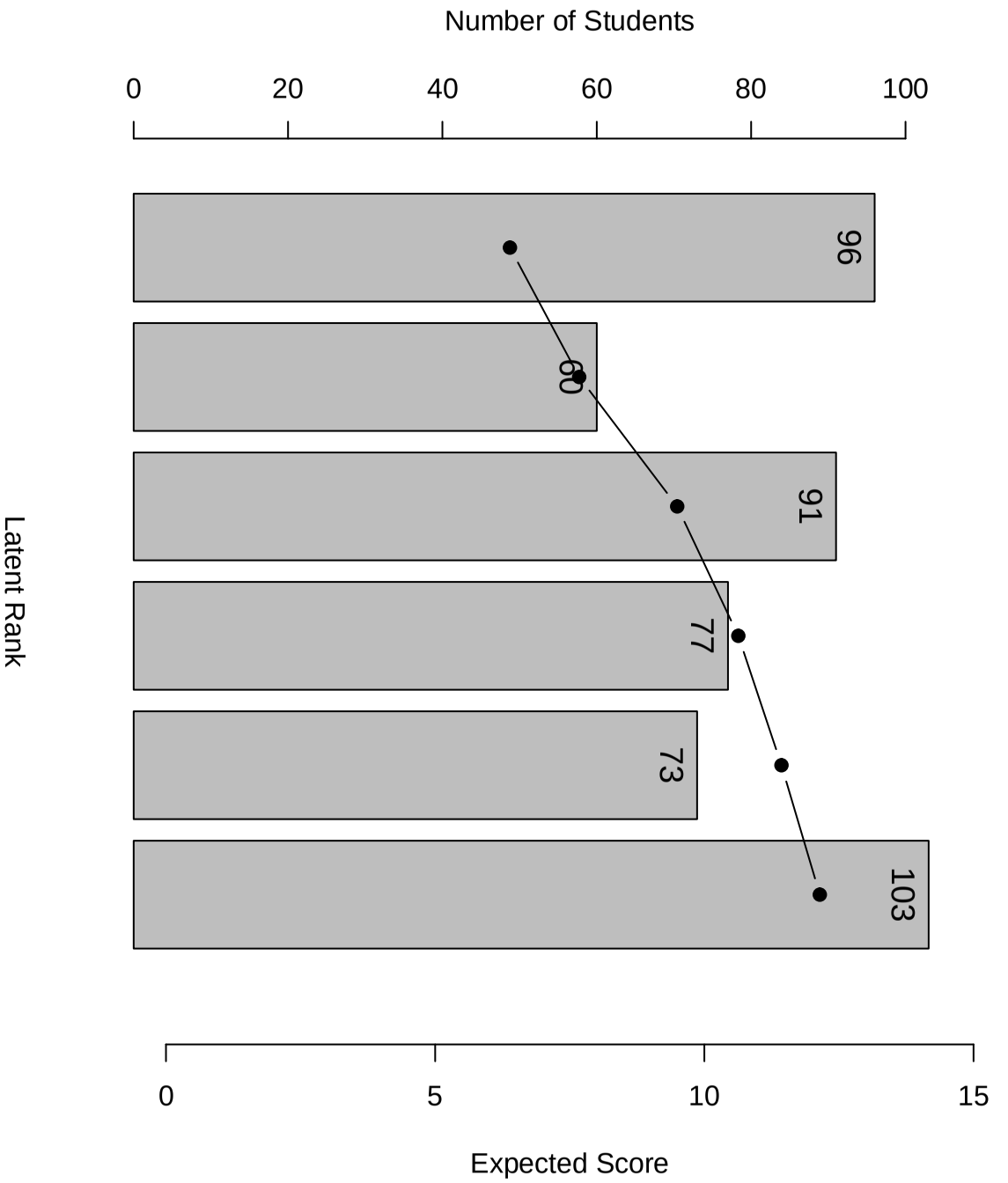

Item 11
Correct Response Rate
0.0
0.2
0.4
0.6
0.8
1.0
1
2
3
4
5
6
Latent Rank

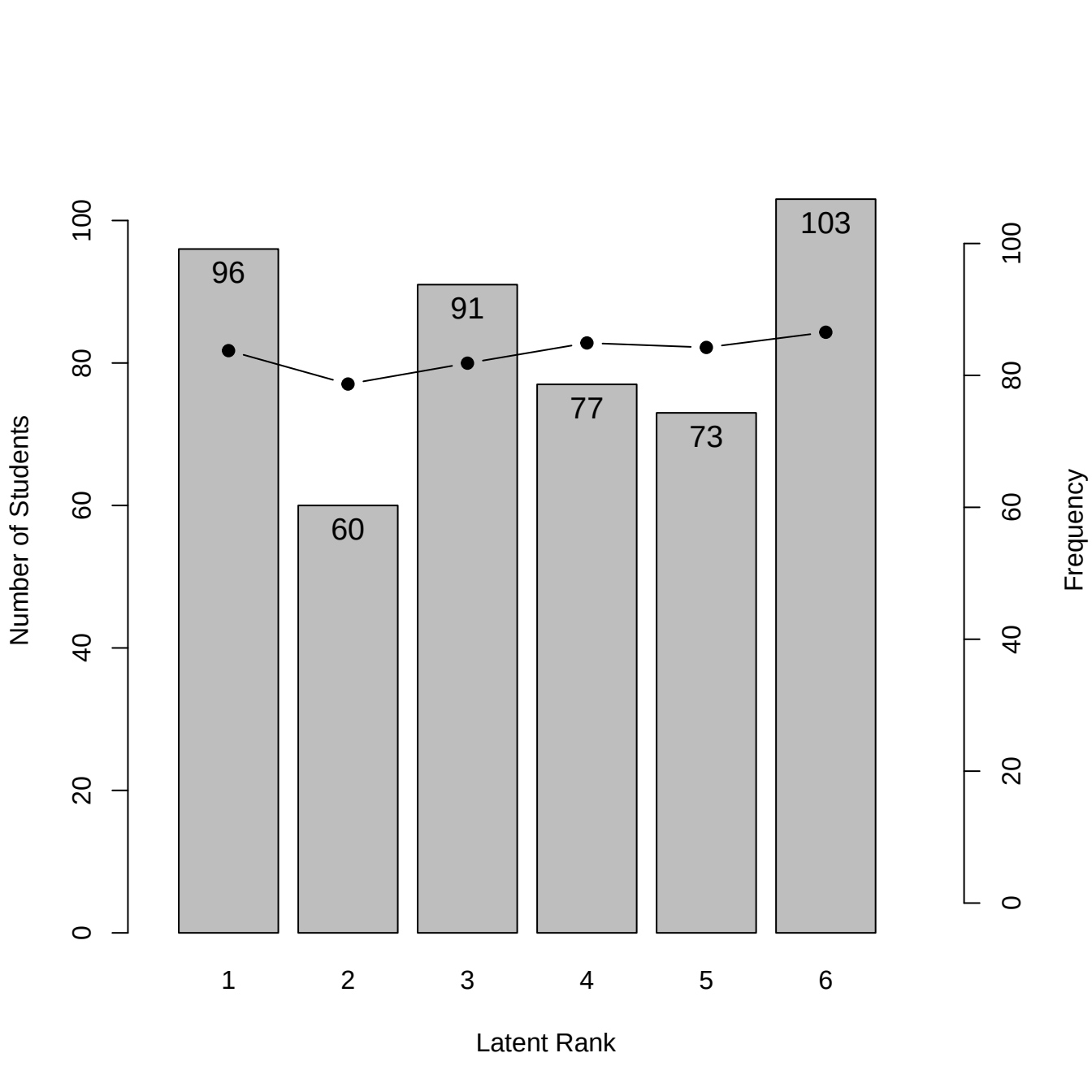

Item 12
Correct Response Rate
0.0
0.2
0.4
0.6
0.8
1.0
1
2
3
4
5
6
Latent Rank

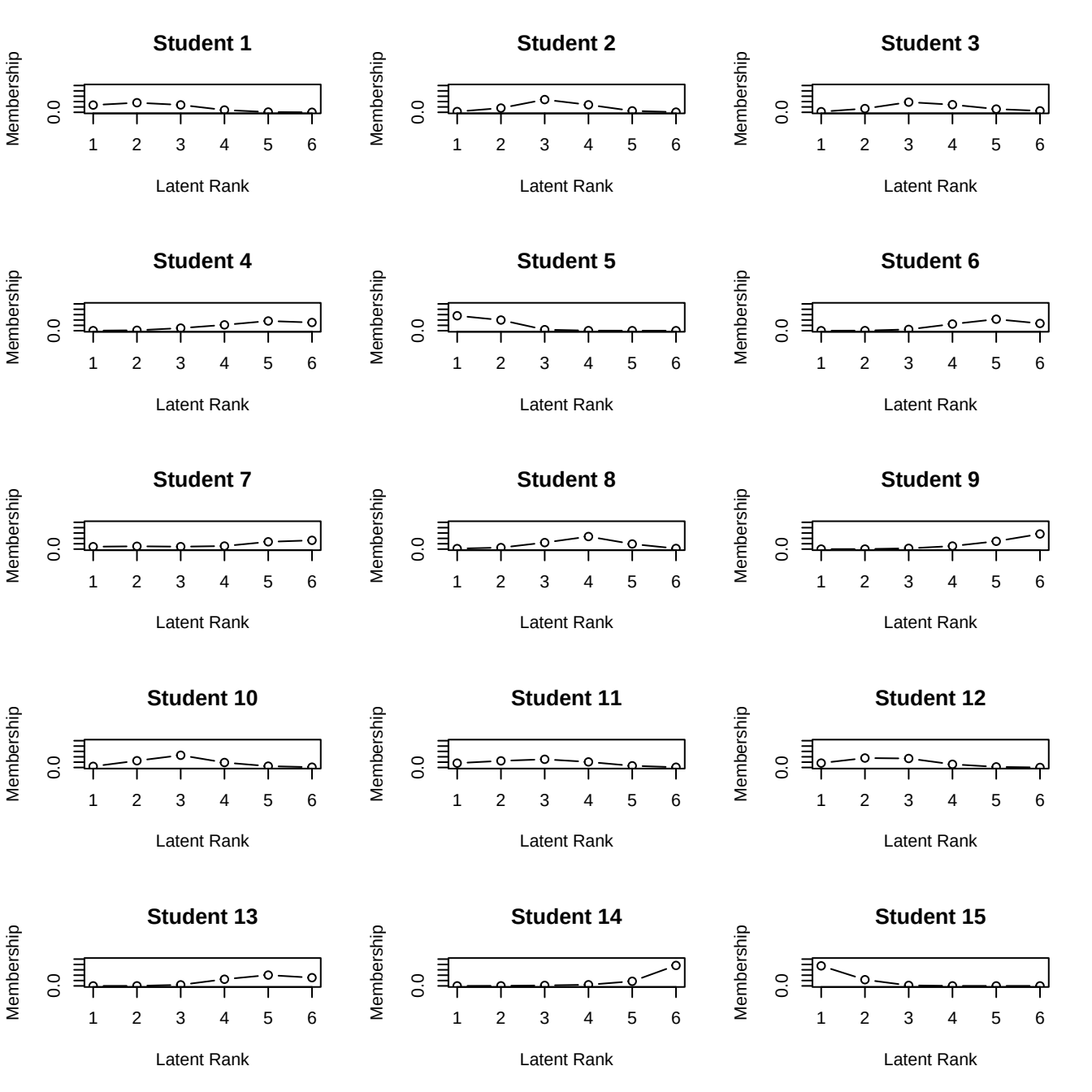

Item 13
Correct Response Rate
0.0
0.2
0.4
0.6
0.8
1.0
1
2
3
4
5
6
Latent Rank


Item 14
Correct Response Rate
0.0
0.2
0.4
0.6
0.8
1.0
1
2
3
4
5
6
Latent Rank


Item 15
Correct Response Rate
0.0
0.2
0.4
0.6
0.8
1.0
1
2
3
4
5
6
Latent Rank


Number of Students
0
20
40
60
80
100
96
60
91
77
73
103
Latent Rank
0
5
10
15
Expected Score


Number of Students
0
20
40
60
80
100
96
60
91
77
73
103
1
2
3
4
5
6
Latent Rank
Frequency
0
20
40
60
80
100


Student 1
Student 2
Student 3
Student 4
Student 5
Student 6
Student 7
Student 8
Student 9
Student 10
Student 11
Student 12
Student 13
Student 14
Student 15
Membership
0.0
1 2 3 4 5 6
Latent Rank