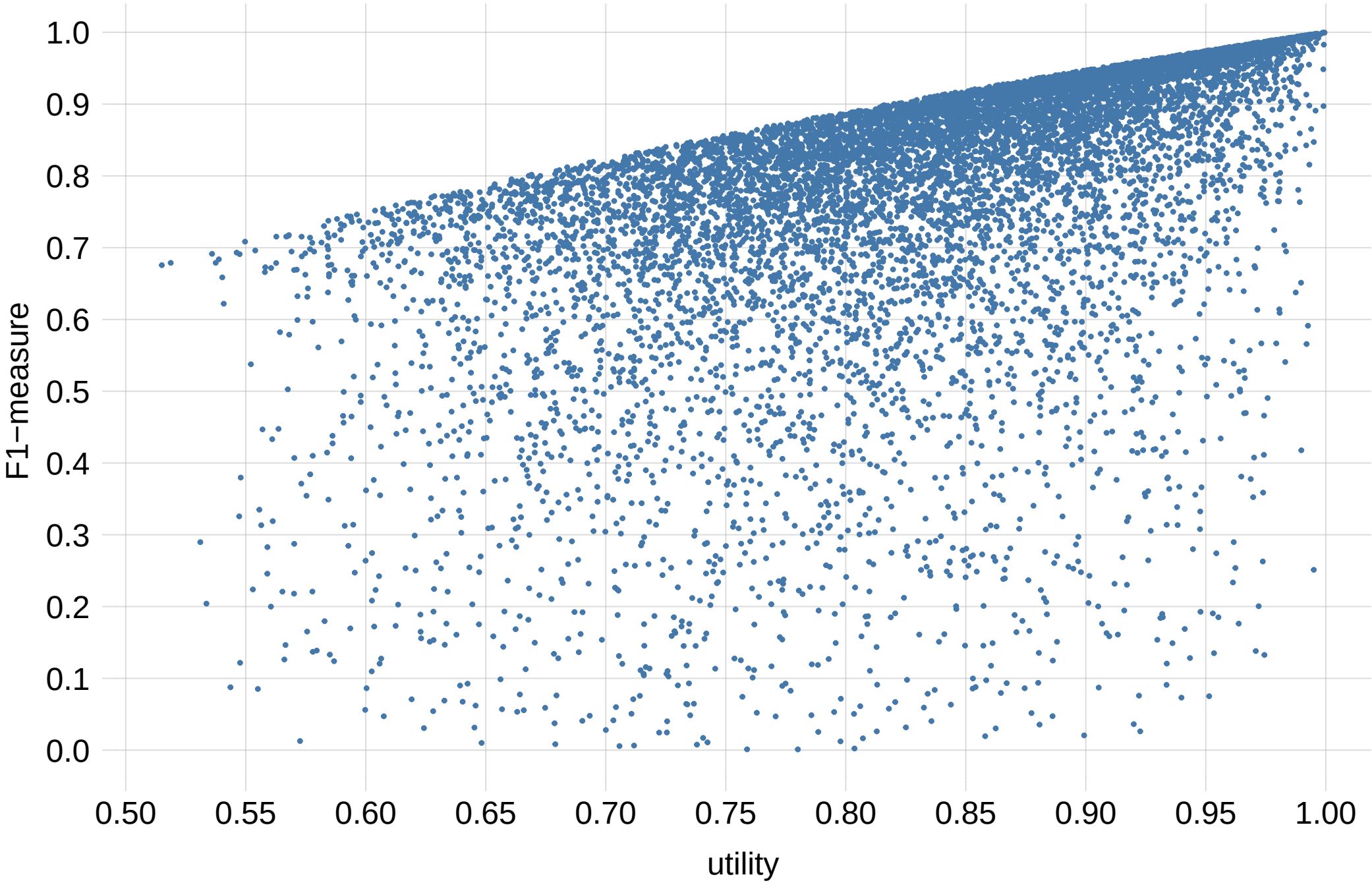
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0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0.0
F1−measure
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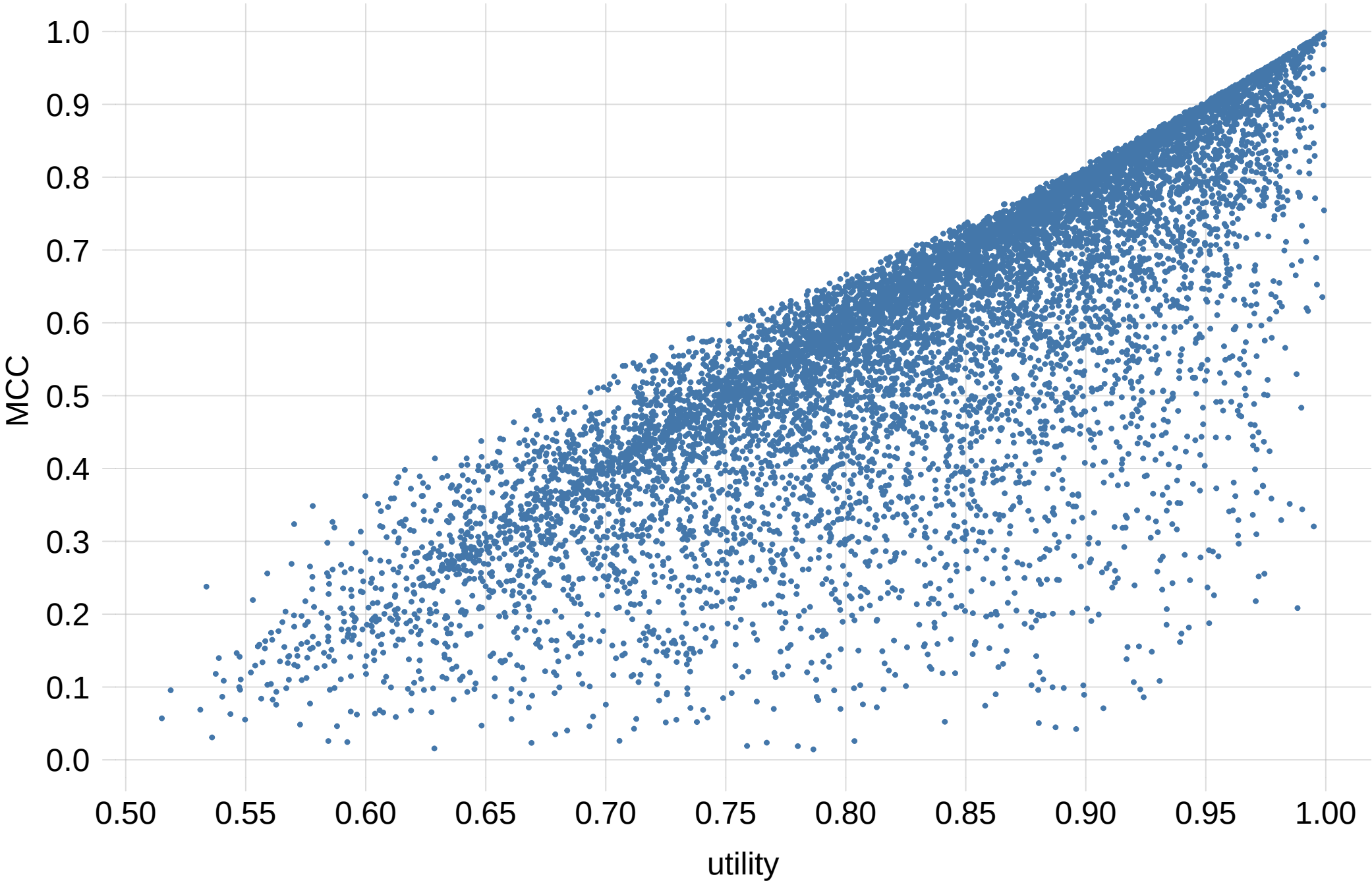
0.55
0.60
0.65
0.70
0.75
0.80
0.85
0.90
0.95
1.00
utility


1.0
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
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MCC
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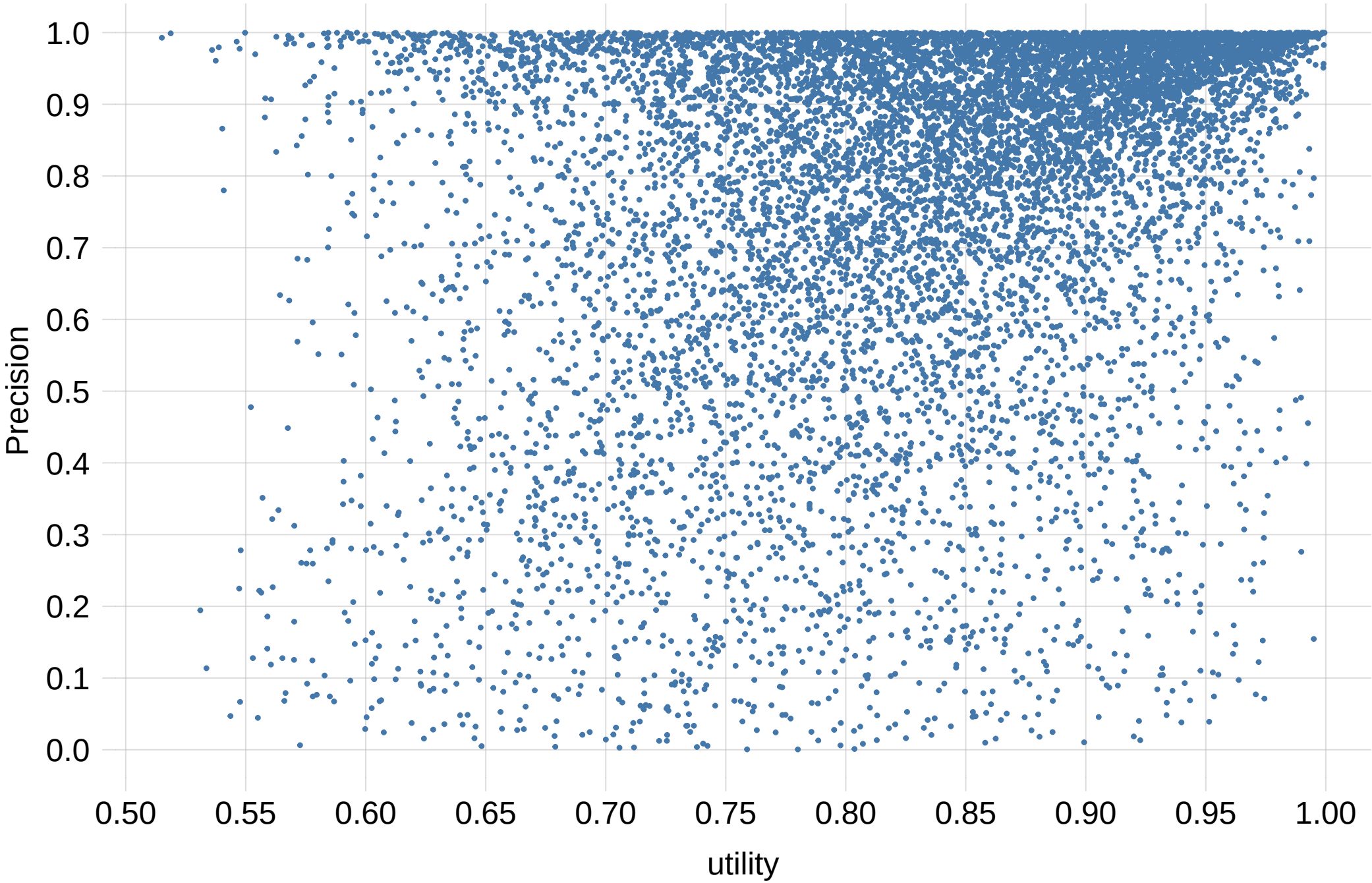
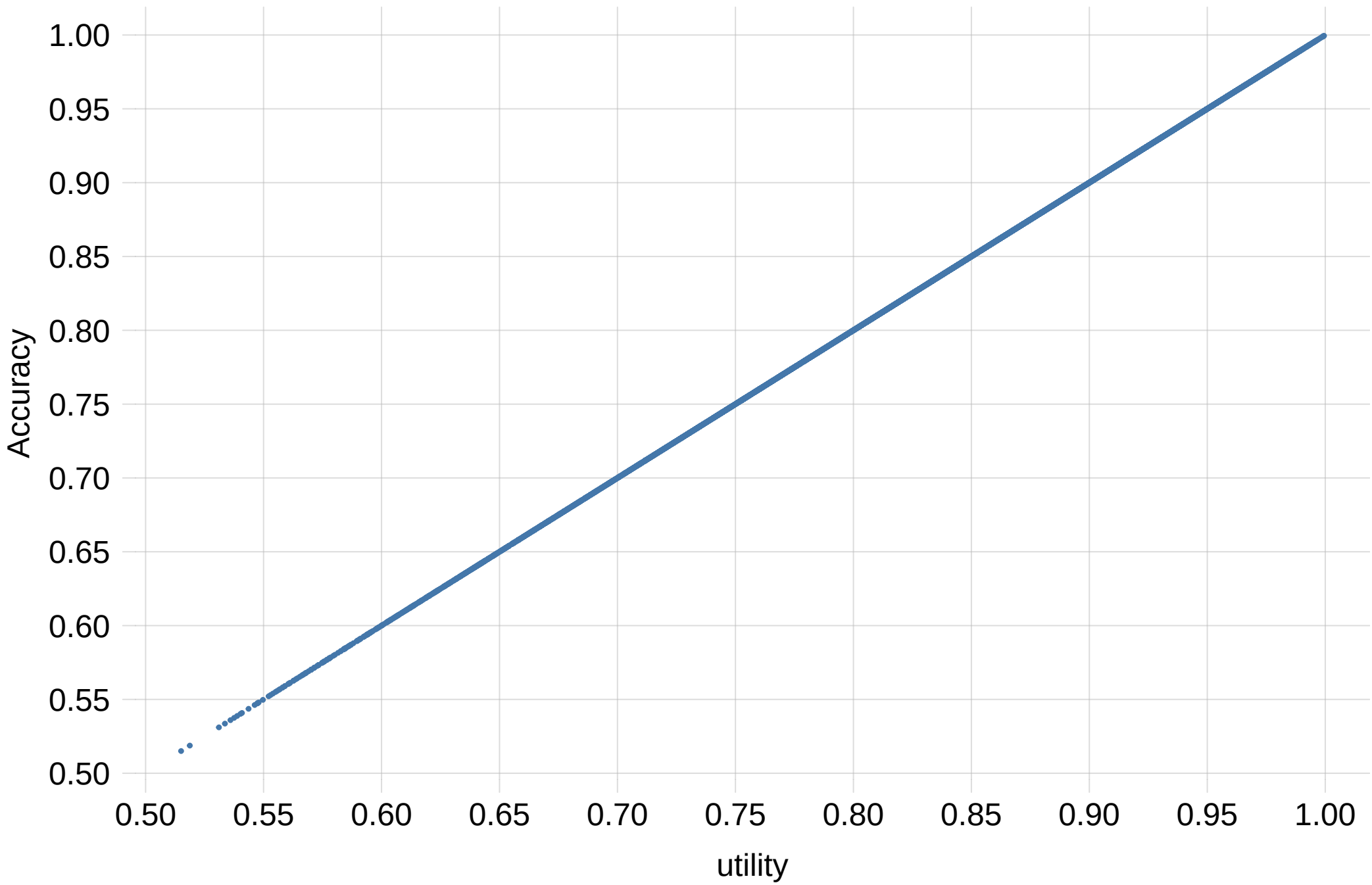
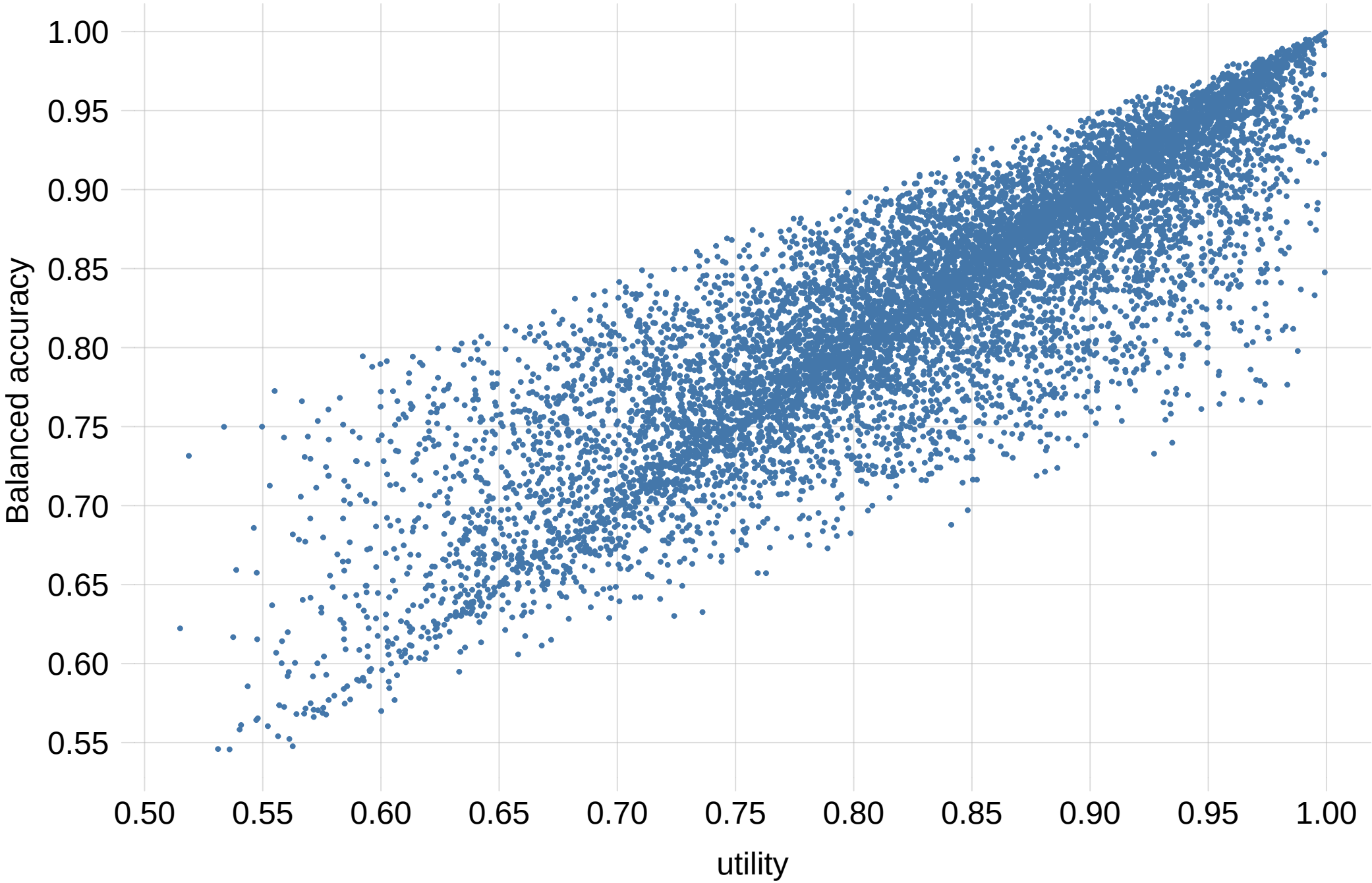
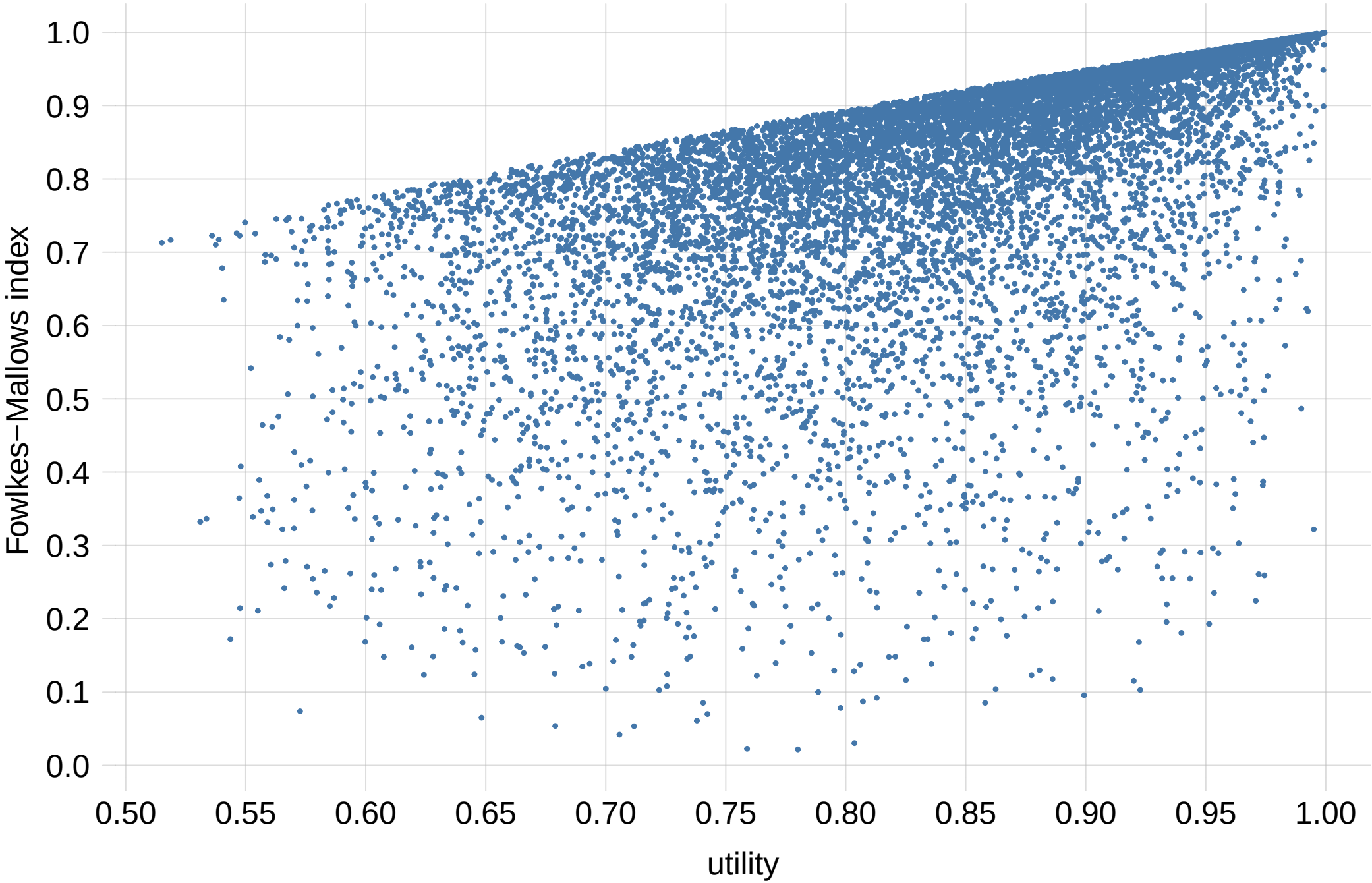
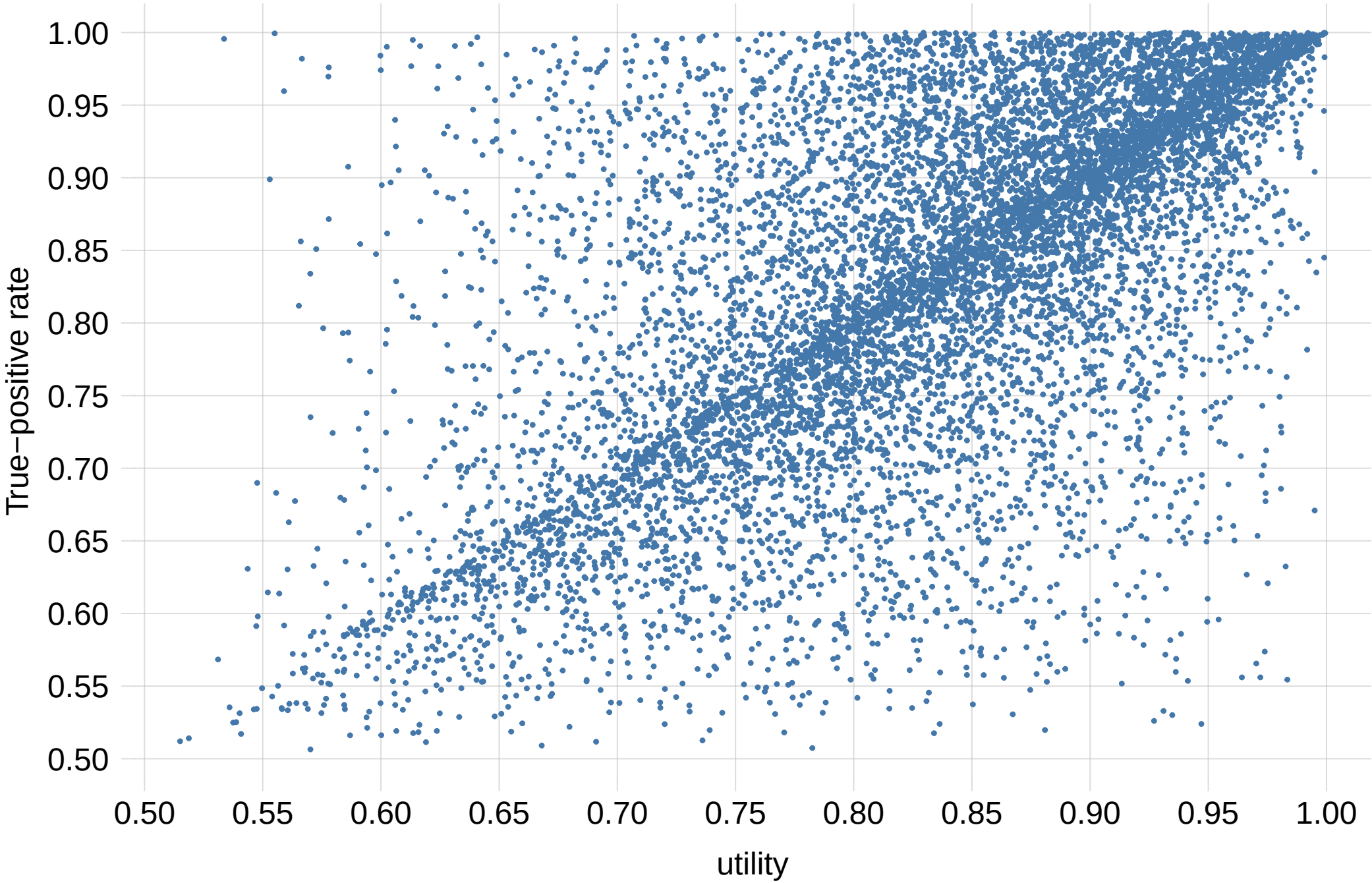
0.55
0.60
0.65
0.70
0.75
0.80
0.85
0.90
0.95
1.00
utility

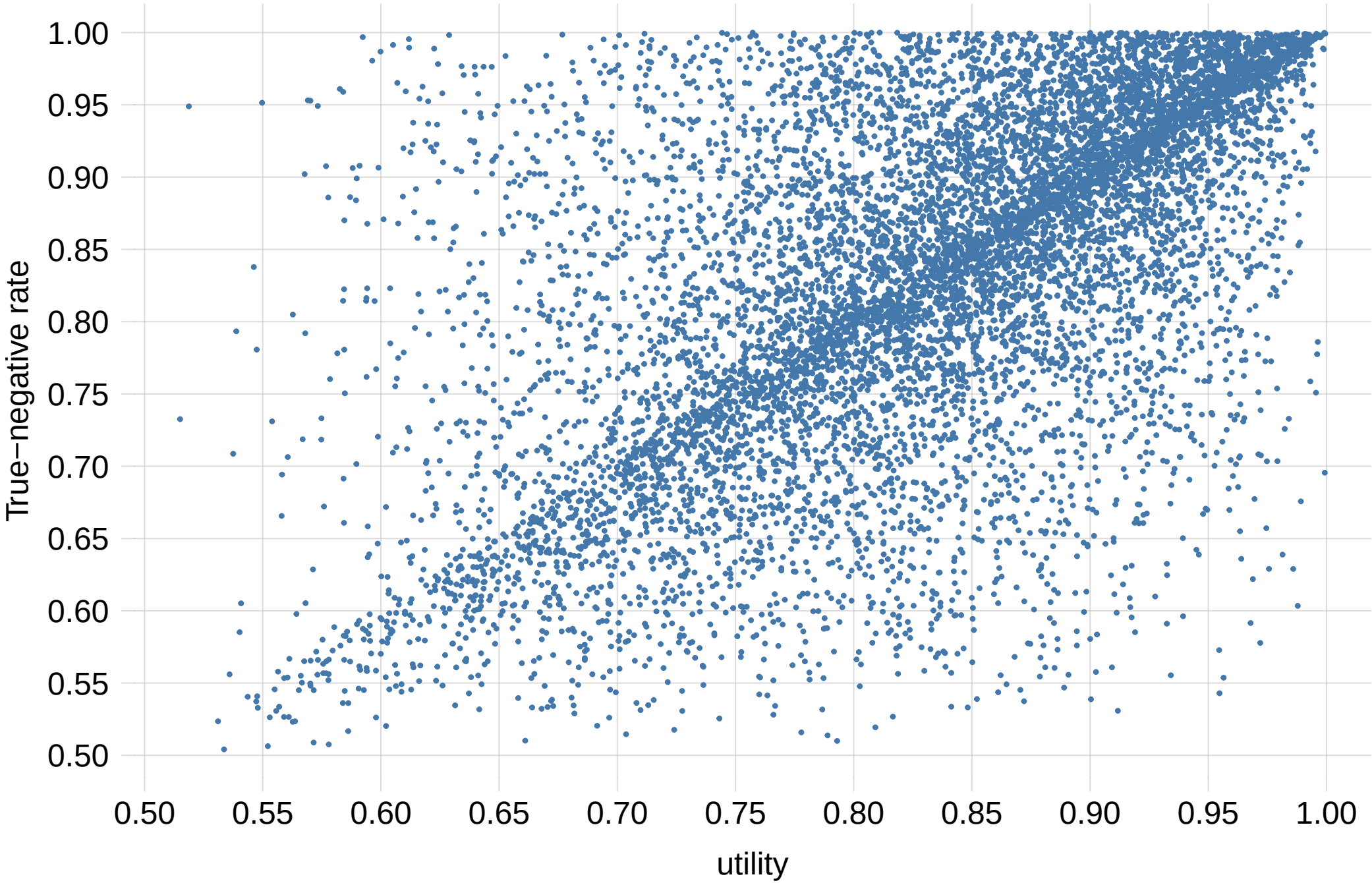

1.0
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0.0
Precision
0.50
0.55
0.60
0.65
0.70
0.75
0.80
0.85
0.90
0.95
1.00
utility

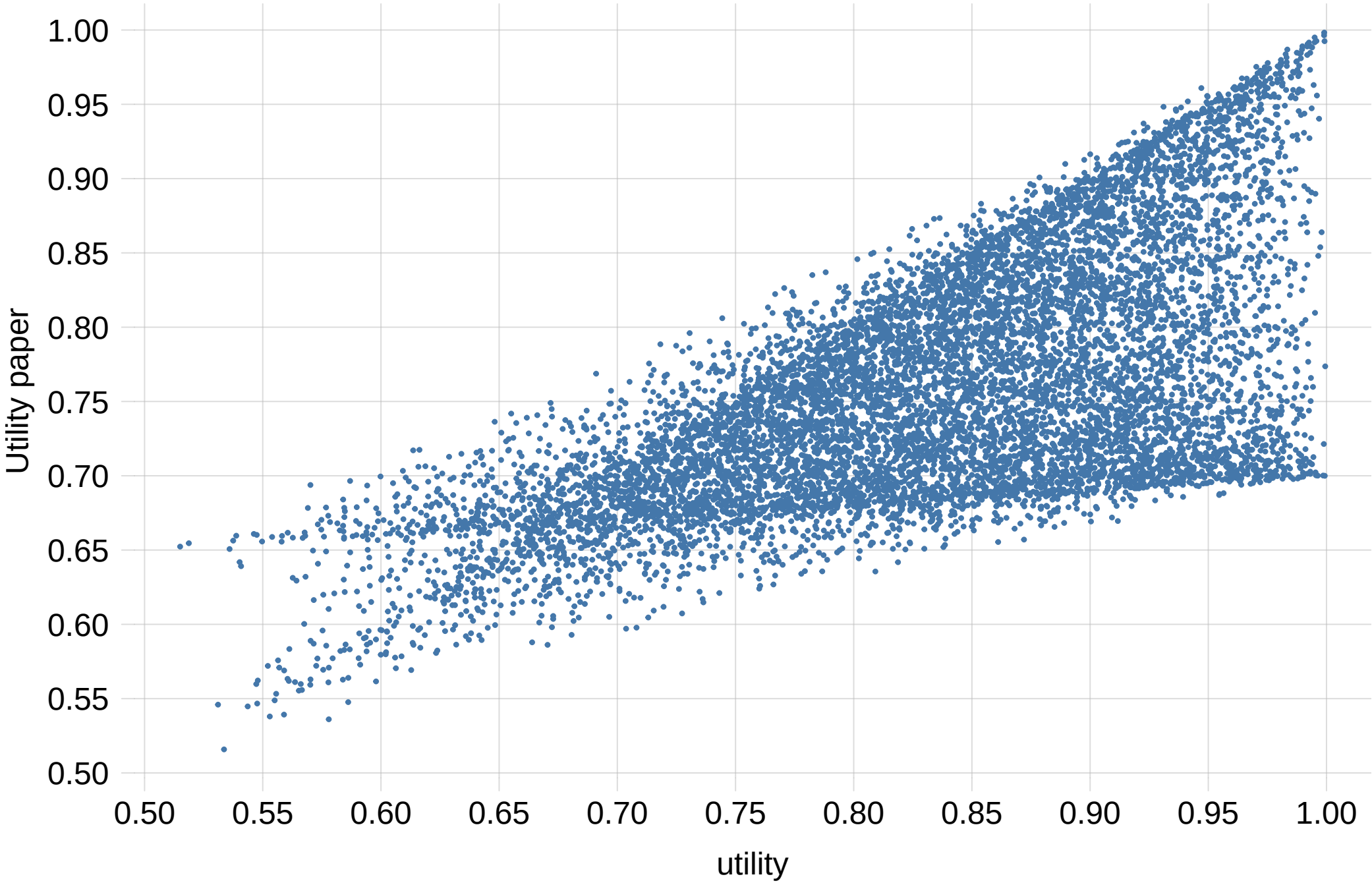

1.00
0.95
0.90
0.85
0.80
0.75
0.70
0.65
0.60
0.55
0.50
Accuracy
0.50
0.55
0.60
0.65
0.70
0.75
0.80
0.85
0.90
0.95
1.00
utility


1.00
0.95
0.90
0.85
0.80
0.75
0.70
0.65
0.60
0.55
Balanced accuracy
0.50
0.55
0.60
0.65
0.70
0.75
0.80
0.85
0.90
0.95
1.00
utility


1.0
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0.0
Fowlkes−Mallows index
0.50
0.55
0.60
0.65
0.70
0.75
0.80
0.85
0.90
0.95
1.00
utility


1.00
0.95
0.90
0.85
0.80
0.75
0.70
0.65
0.60
0.55
0.50
True−positive rate
0.50
0.55
0.60
0.65
0.70
0.75
0.80
0.85
0.90
0.95
1.00
utility


1.00
0.95
0.90
0.85
0.80
0.75
0.70
0.65
0.60
0.55
0.50
True−negative rate
0.50
0.55
0.60
0.65
0.70
0.75
0.80
0.85
0.90
0.95
1.00
utility


1.00
0.95
0.90
0.85
0.80
0.75
0.70
0.65
0.60
0.55
0.50
Utility paper
0.50
0.55
0.60
0.65
0.70
0.75
0.80
0.85
0.90
0.95
1.00
utility