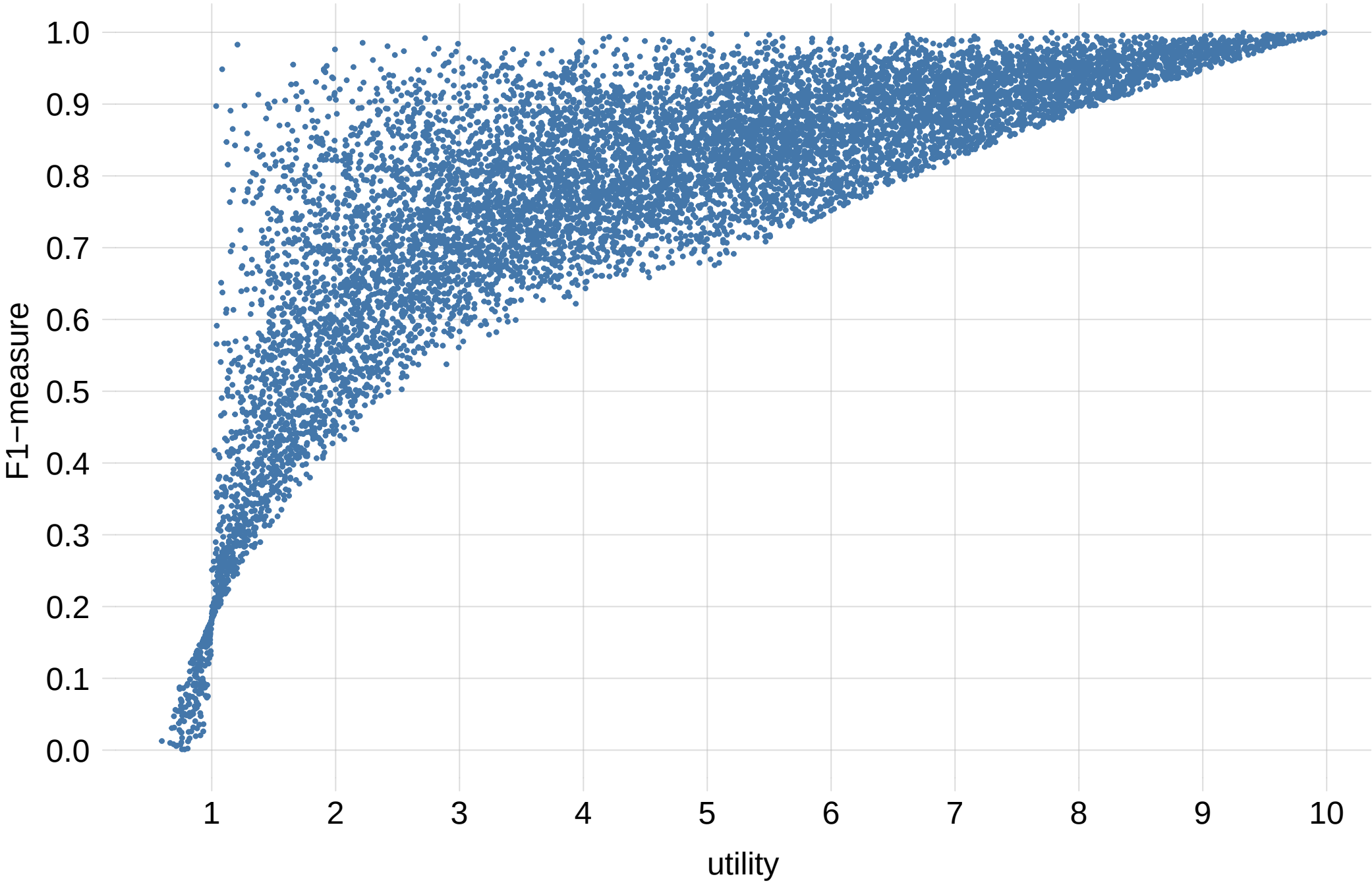
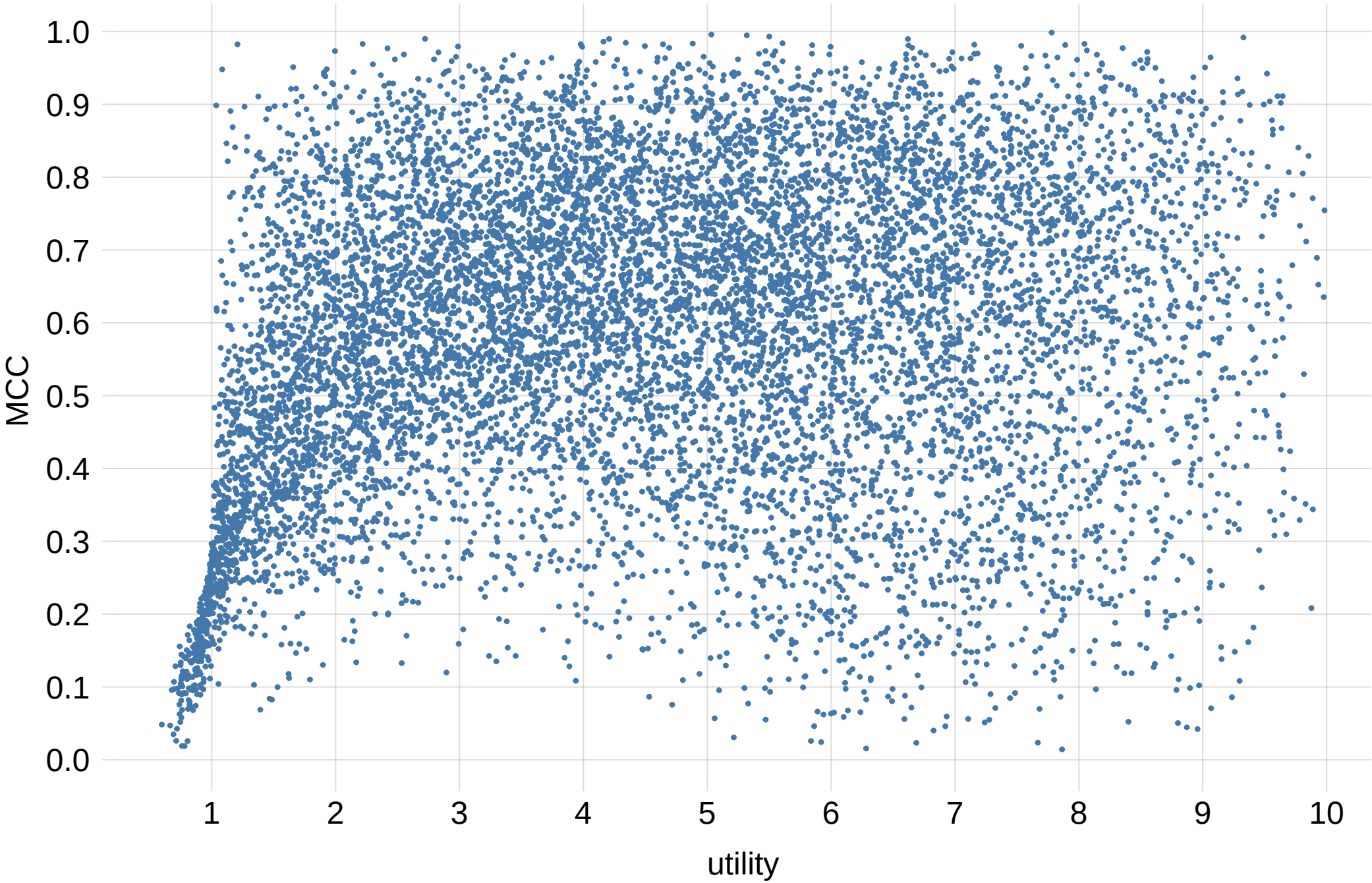
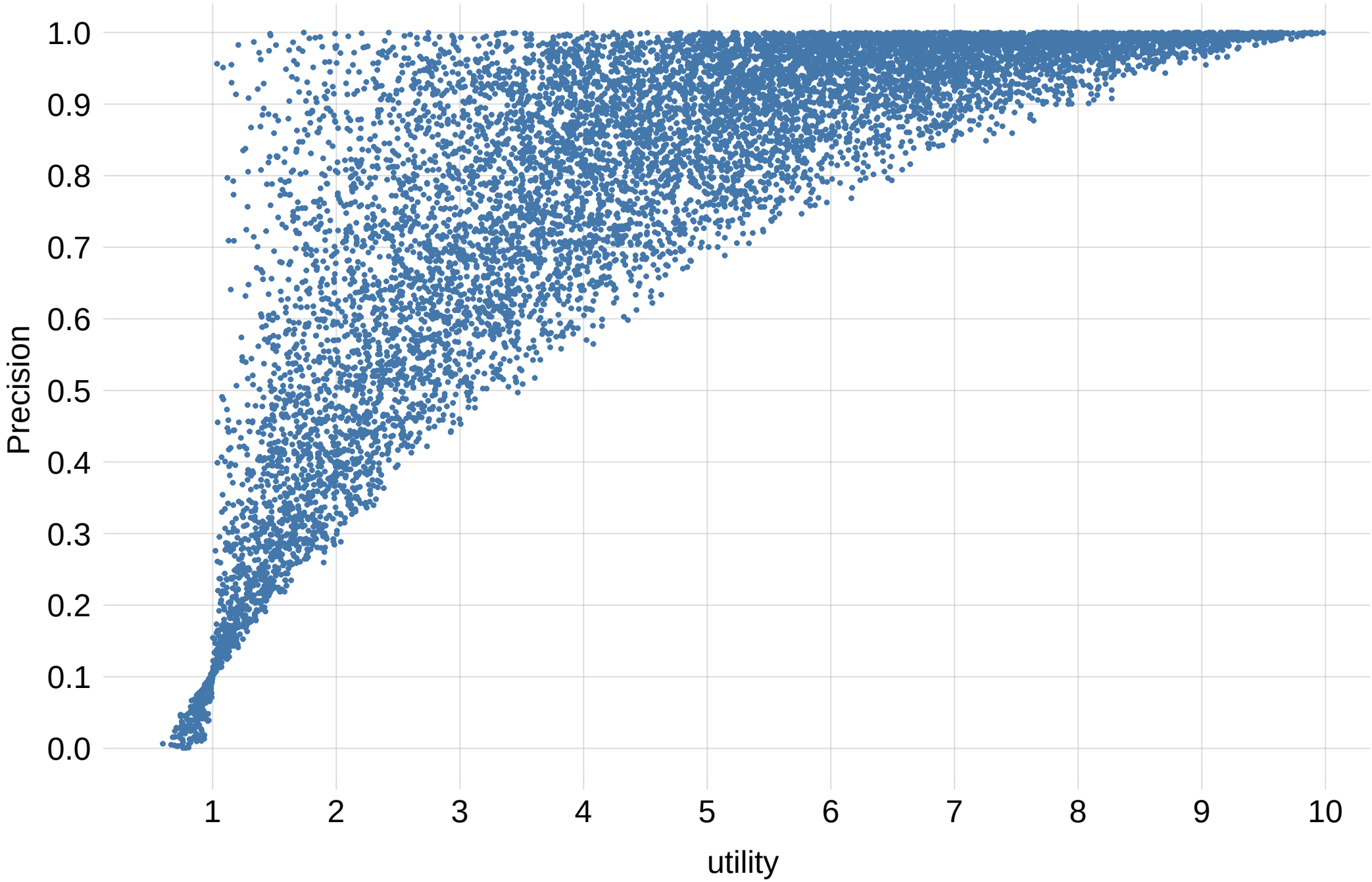
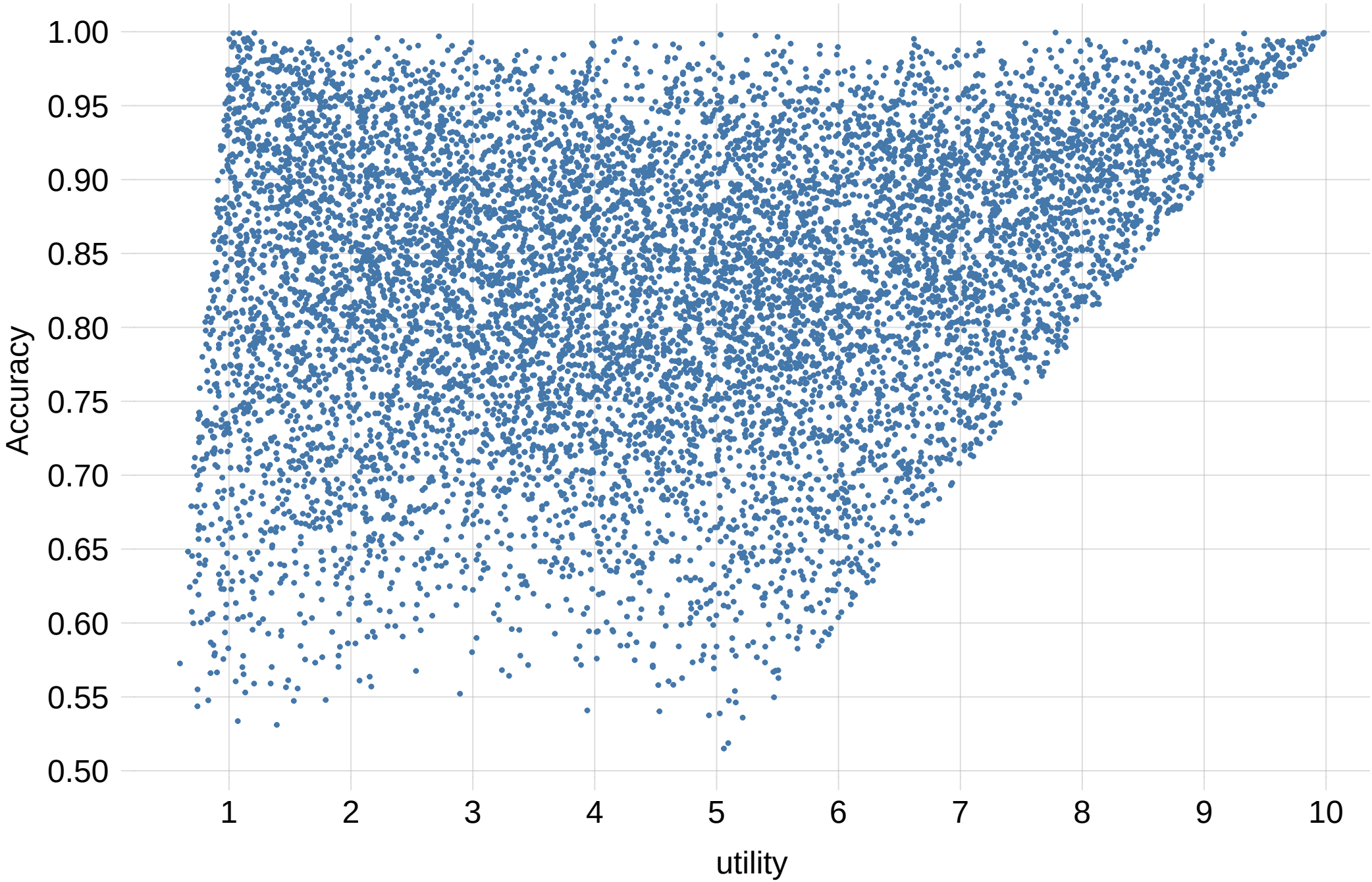
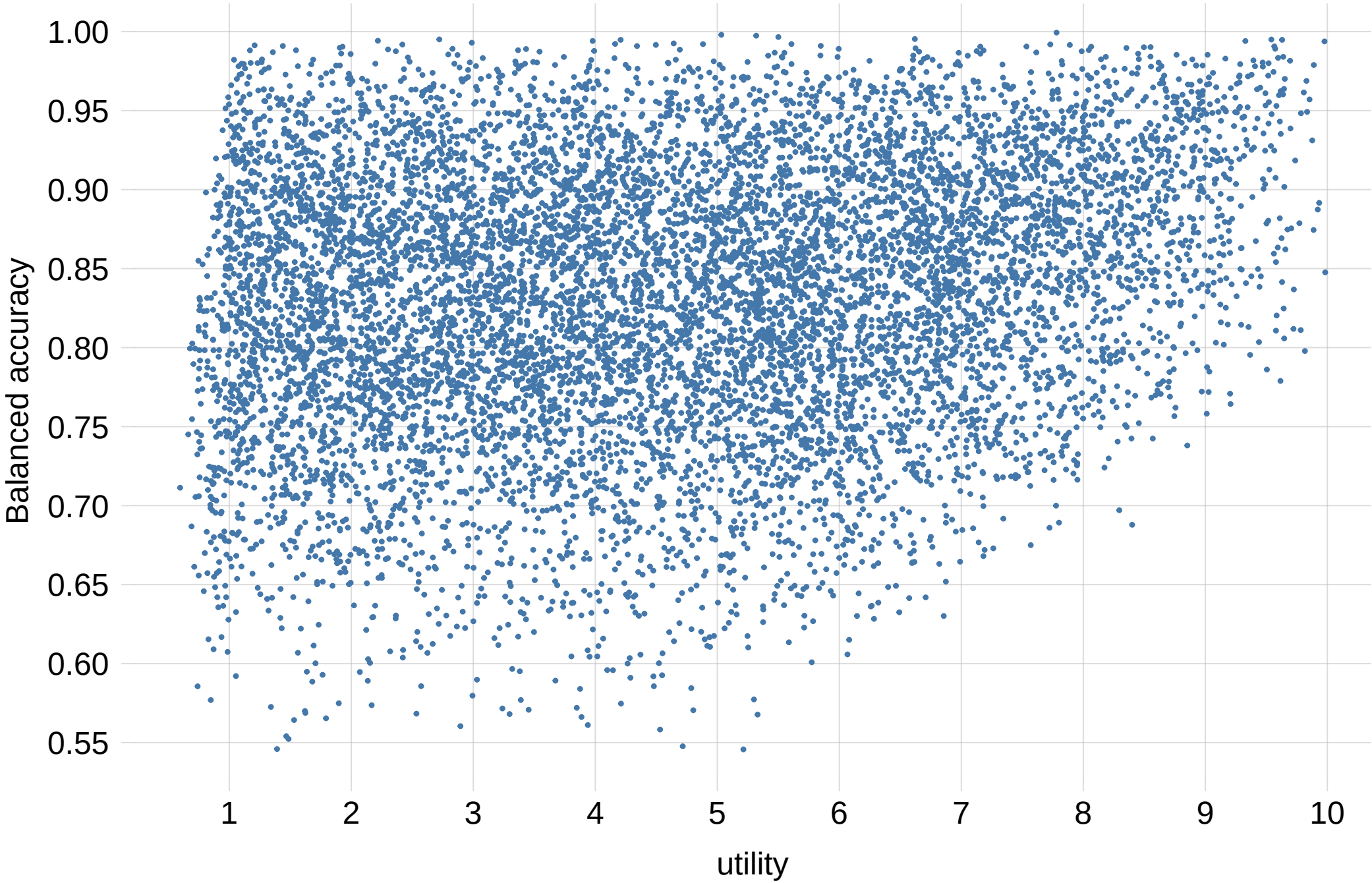
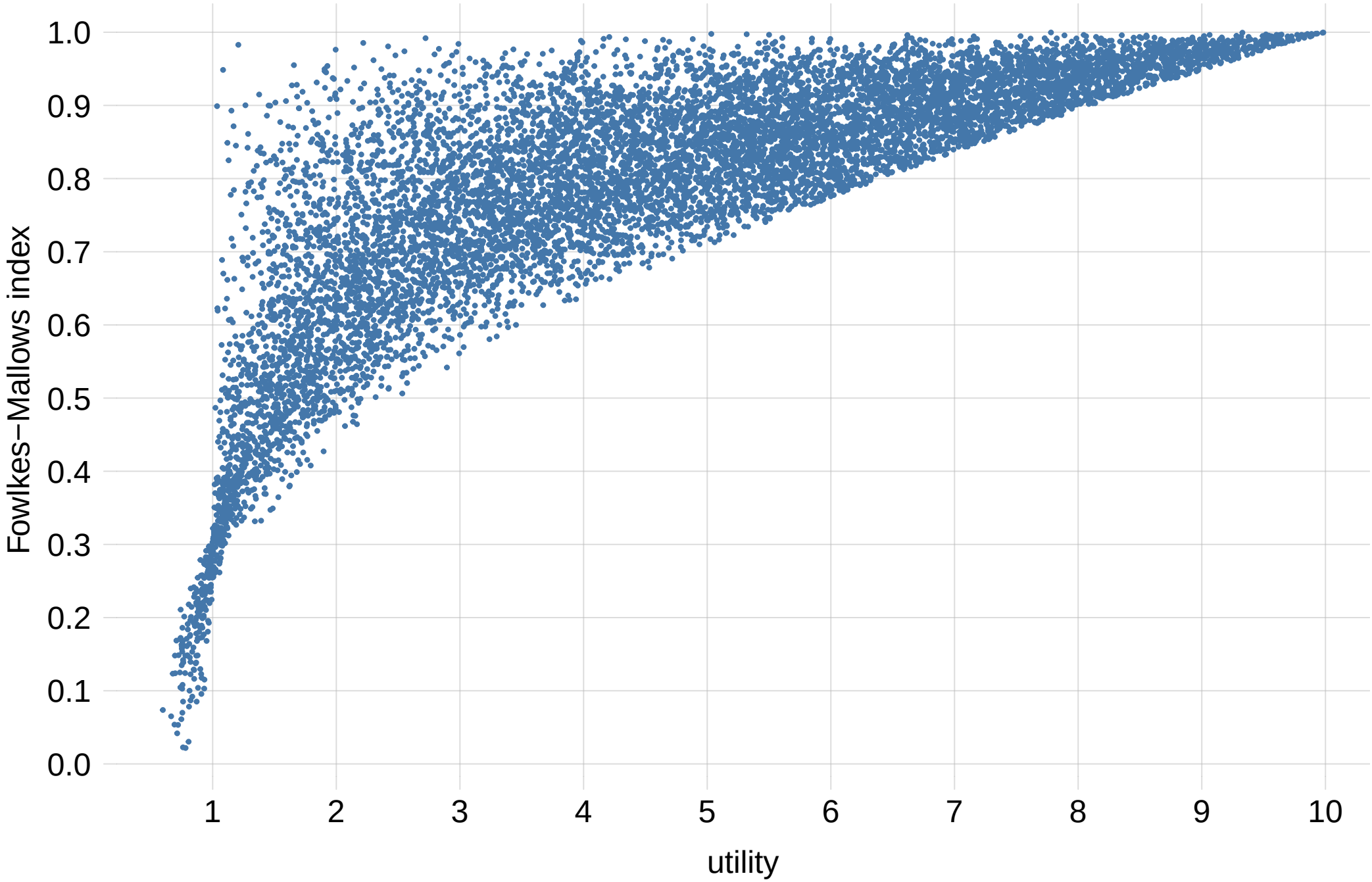

1.0
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0.0
F1−measure
1
2
3
4
5
6
7
8
9
10
utility

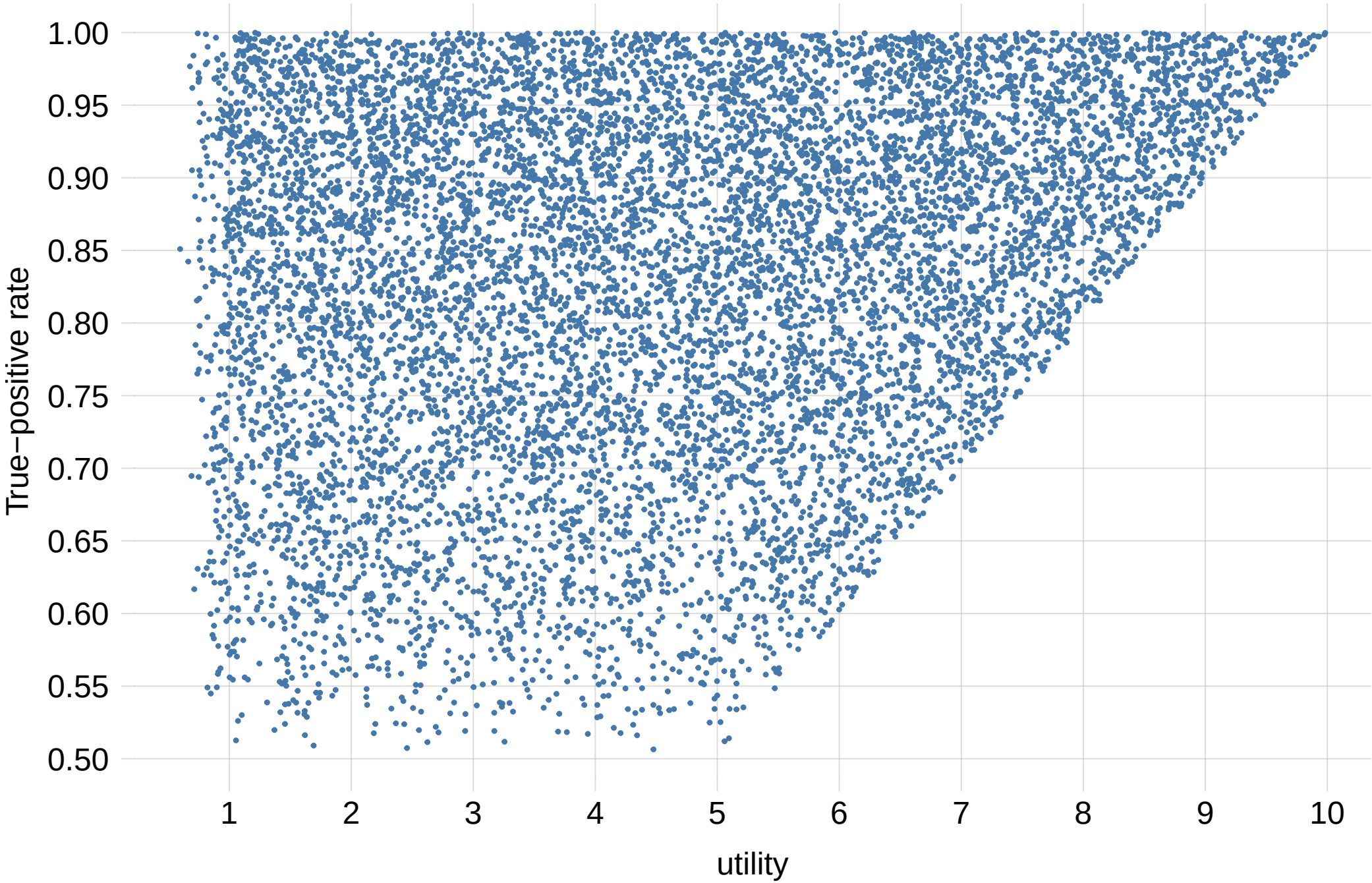

1.0
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0.0
MCC
1
2
3
4
5
6
7
8
9
10
utility

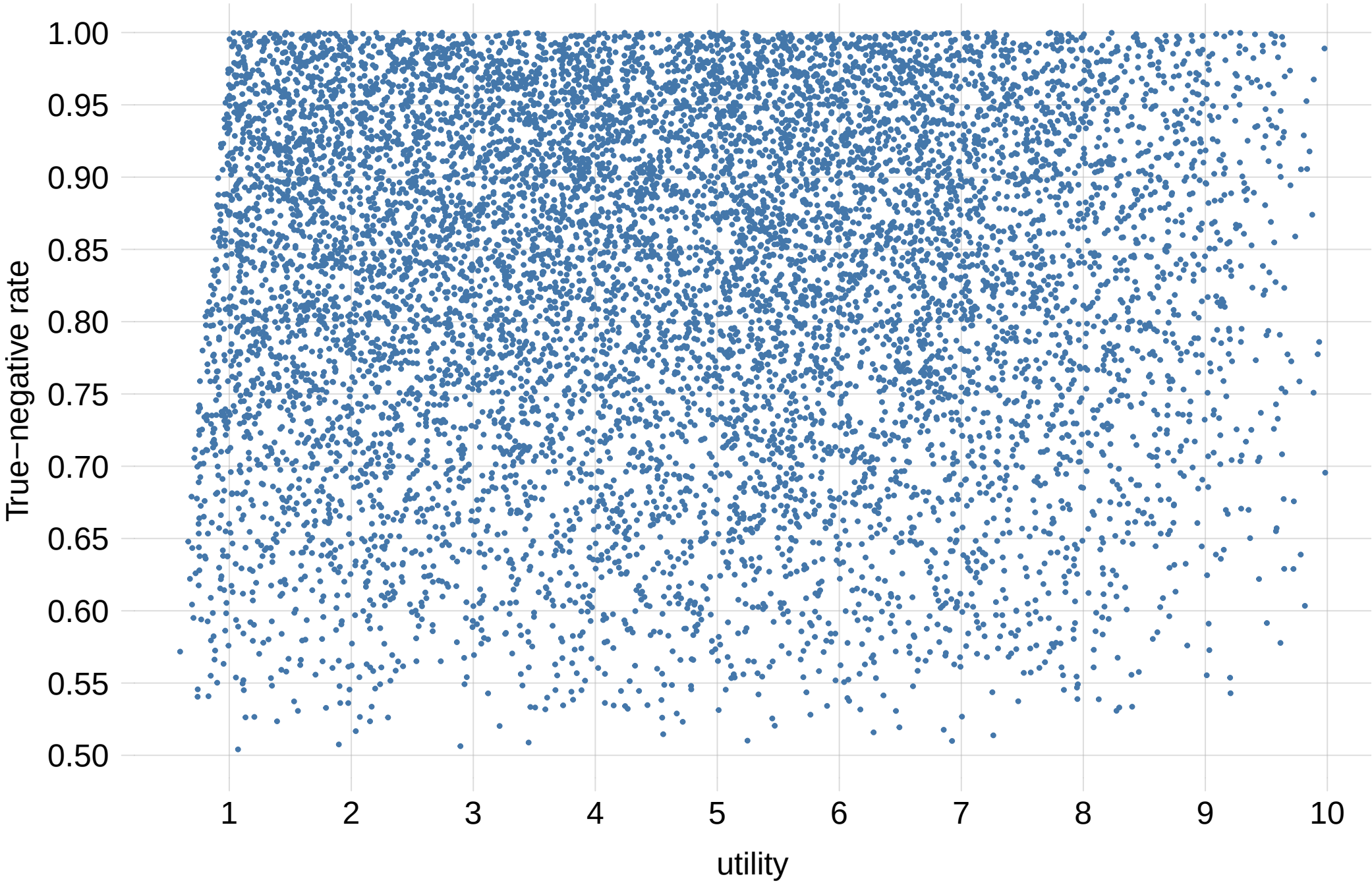

1.0
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0.0
Precision
1
2
3
4
5
6
7
8
9
10
utility

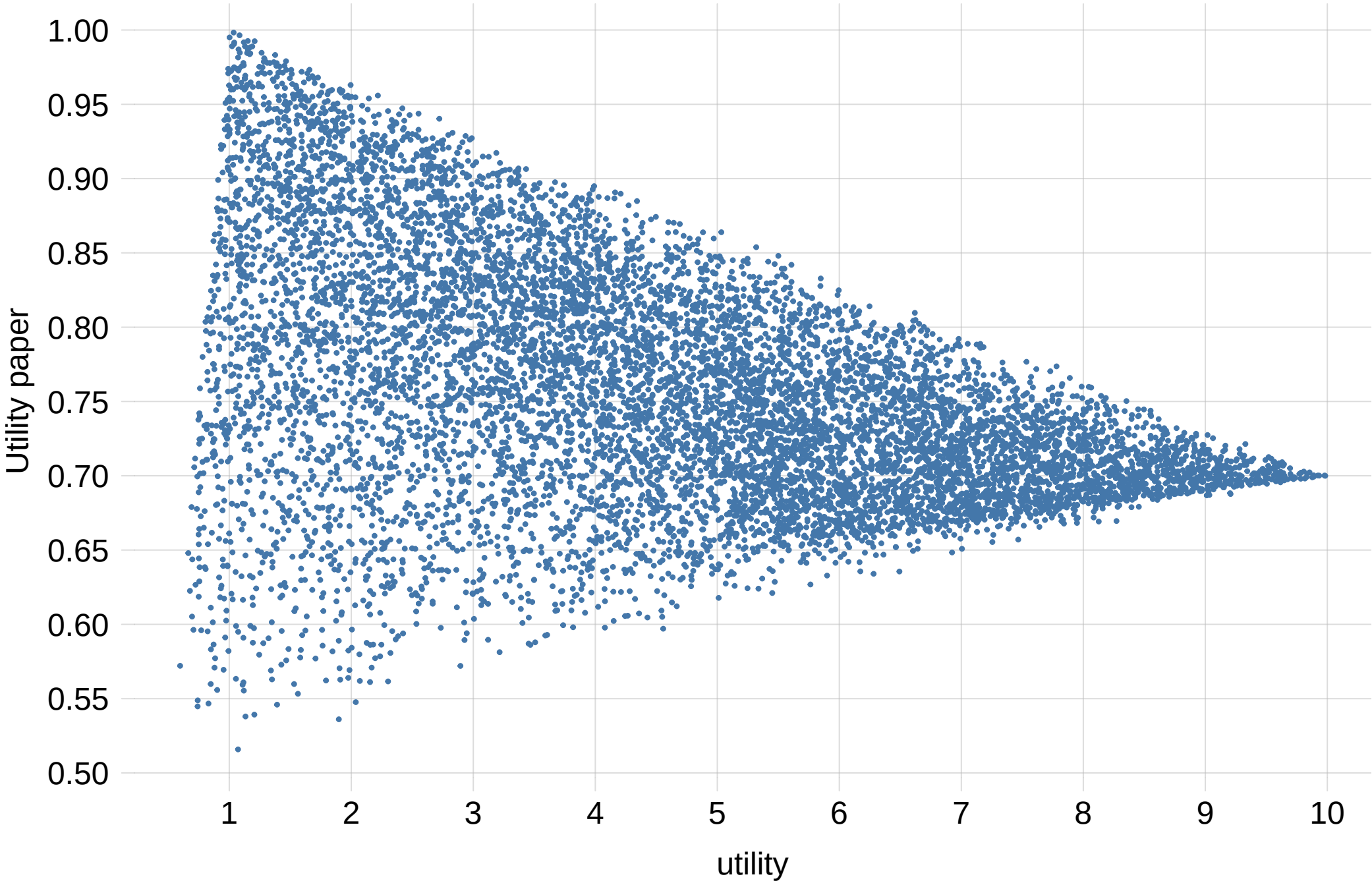

1.00
0.95
0.90
0.85
0.80
0.75
0.70
0.65
0.60
0.55
0.50
Accuracy
1
2
3
4
5
6
7
8
9
10
utility


1.00
0.95
0.90
0.85
0.80
0.75
0.70
0.65
0.60
0.55
Balanced accuracy
1
2
3
4
5
6
7
8
9
10
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
1
2
3
4
5
6
7
8
9
10
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
1
2
3
4
5
6
7
8
9
10
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
1
2
3
4
5
6
7
8
9
10
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
1
2
3
4
5
6
7
8
9
10
utility