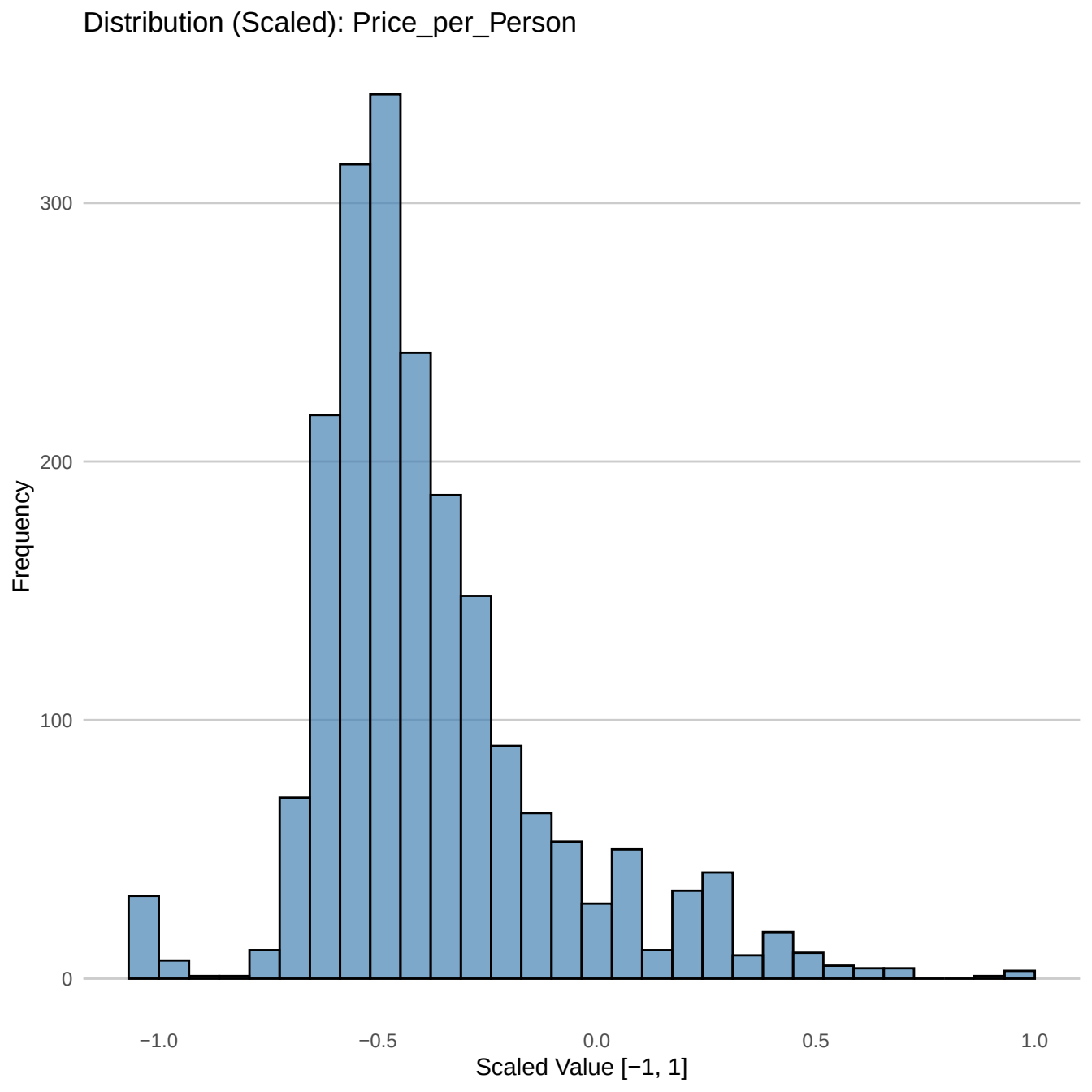
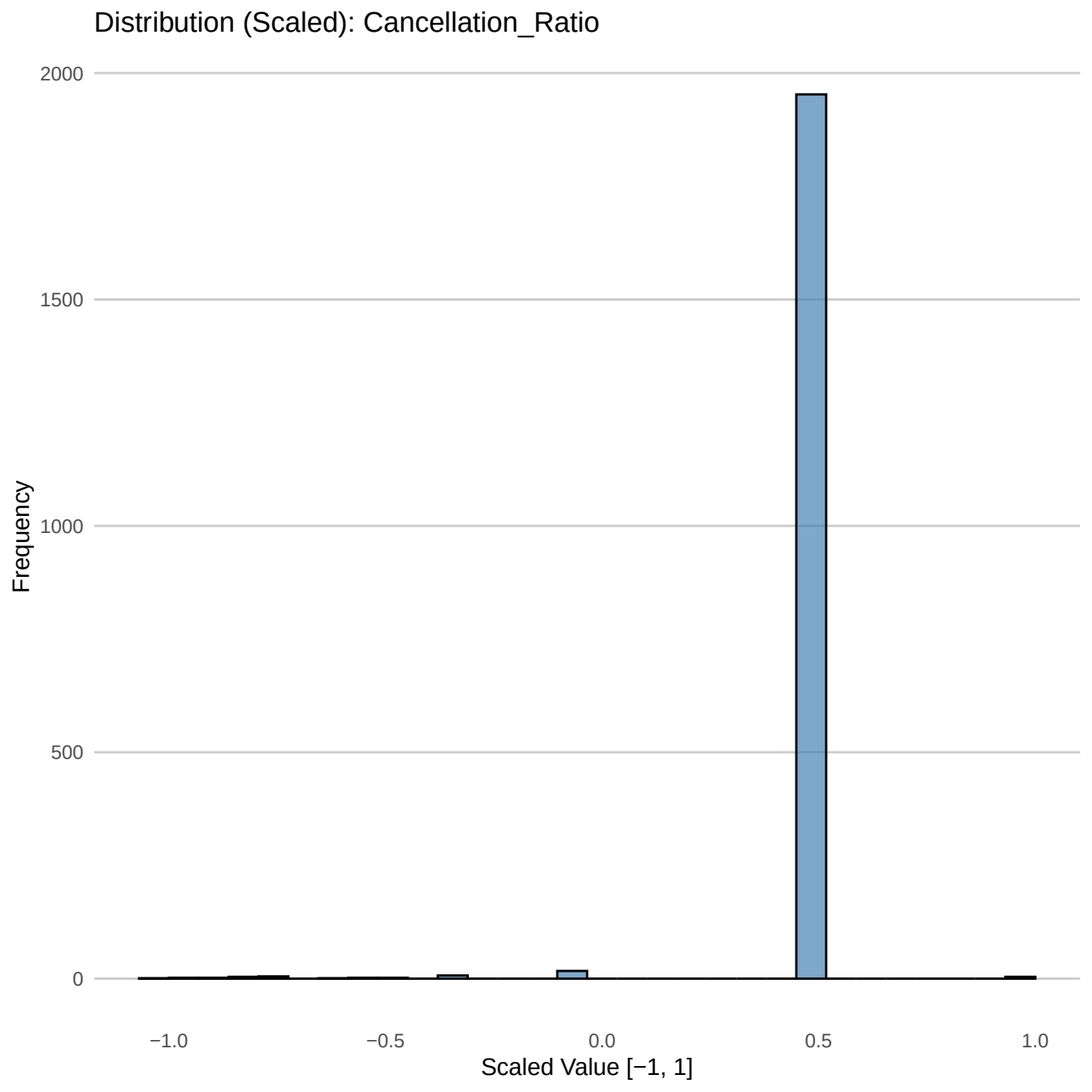
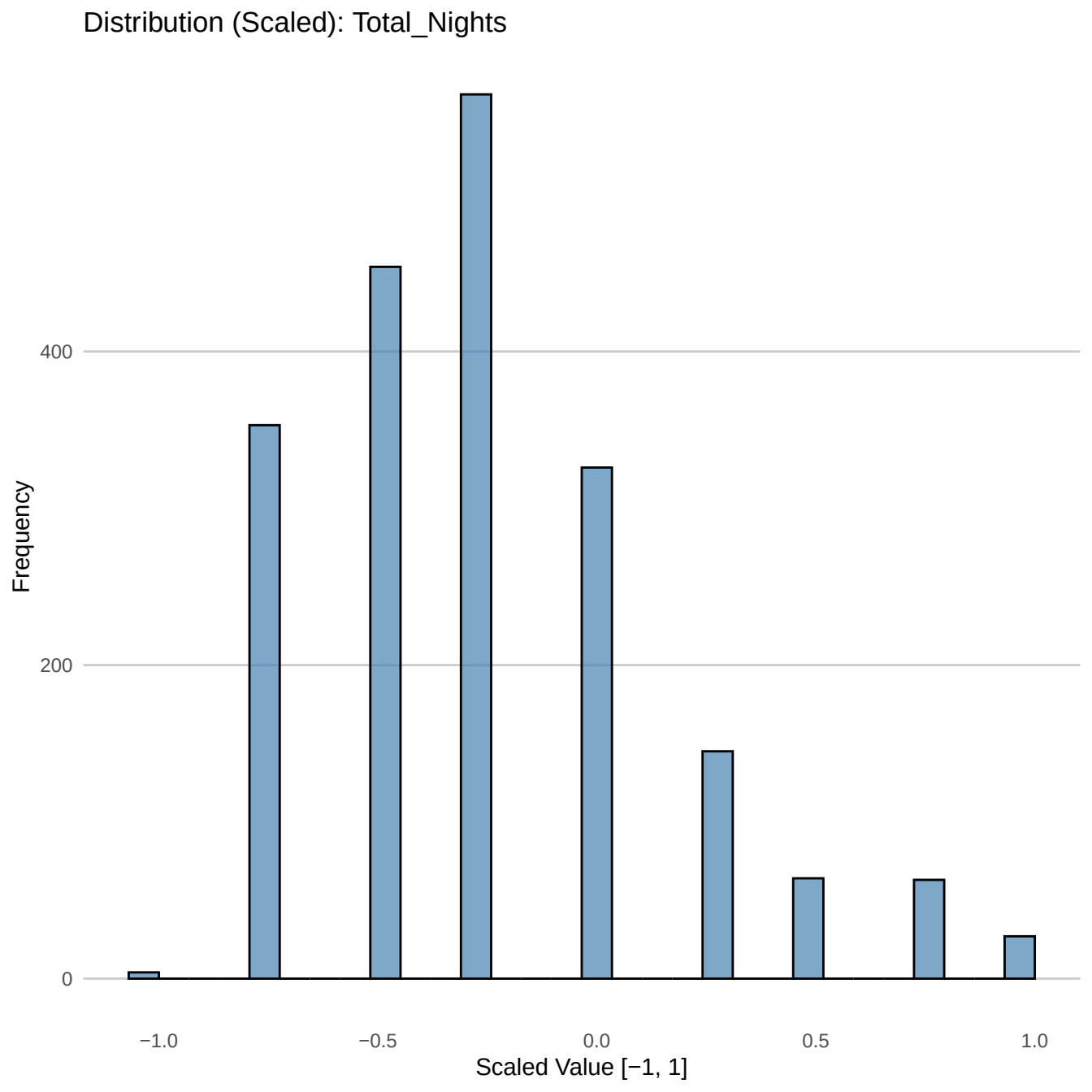
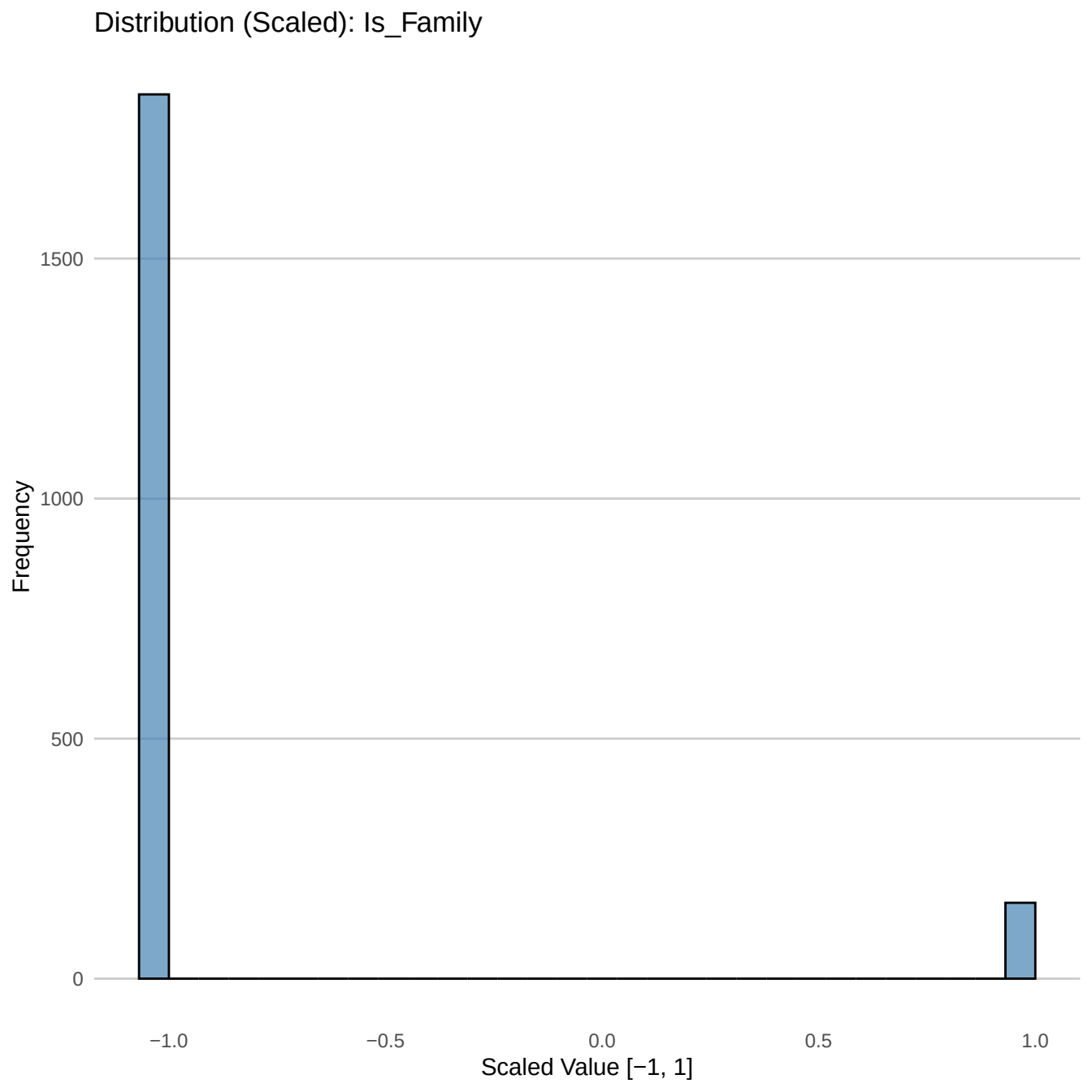
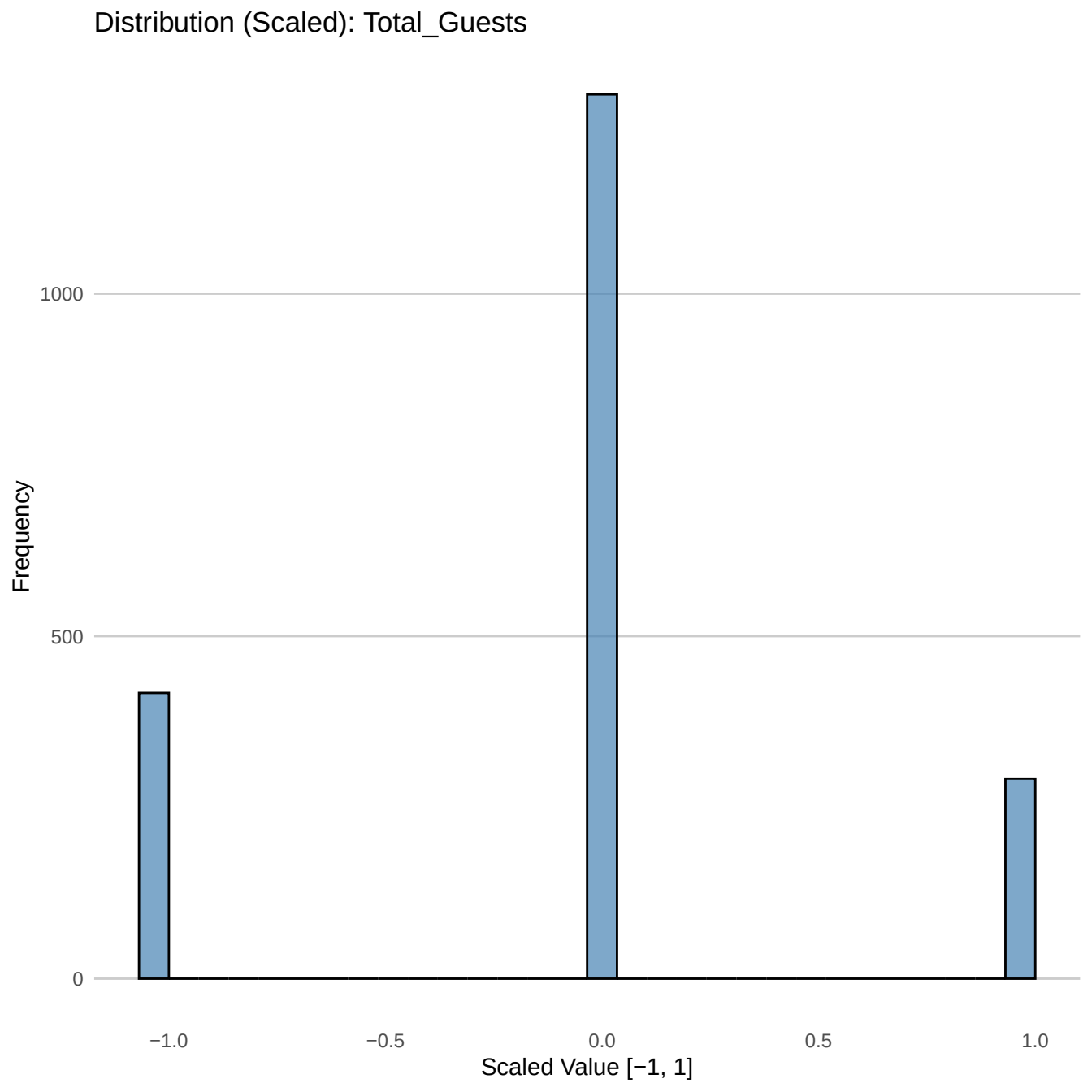
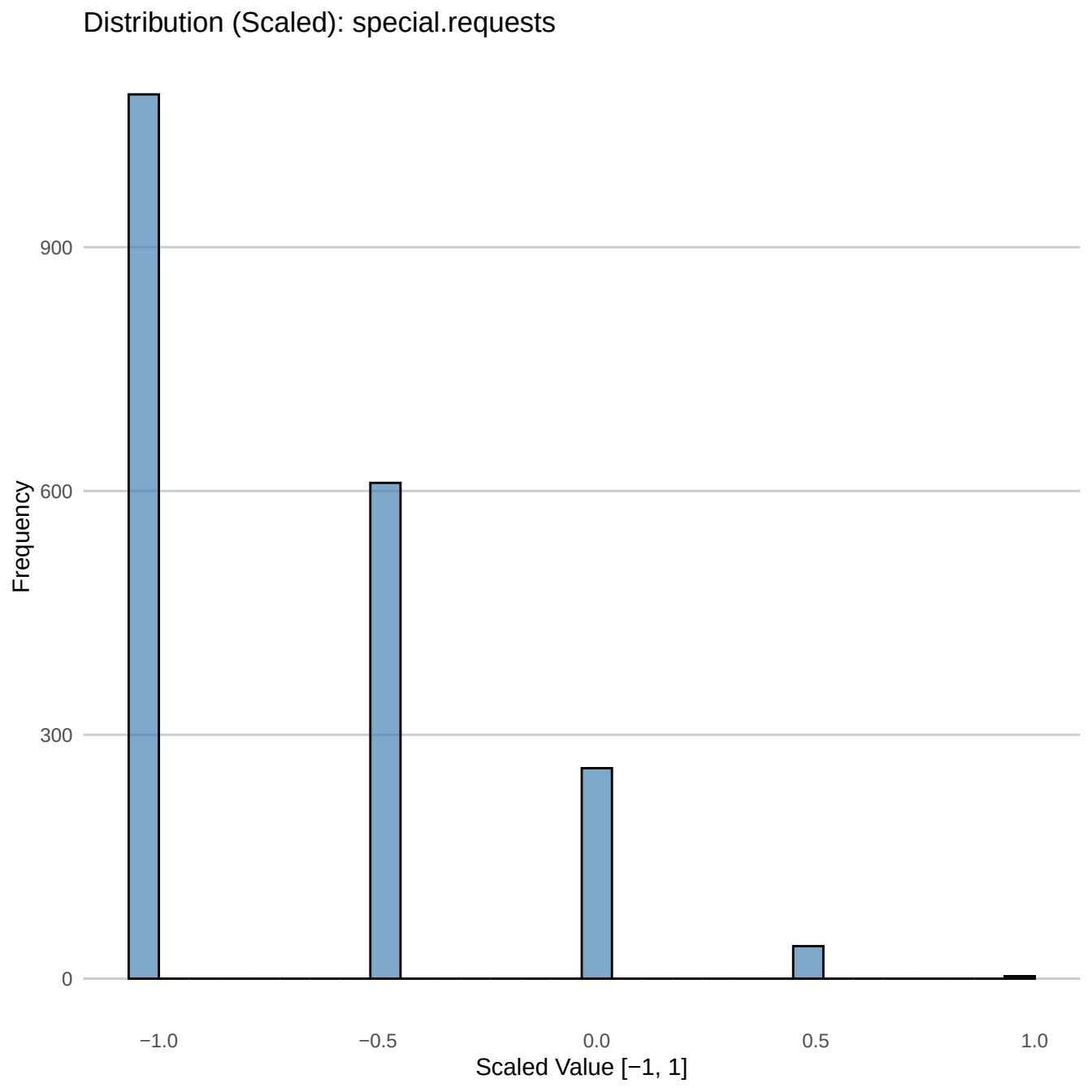

Distribution (Scaled): Price_per_Person
Frequency
300
200
100
0
−1.0
−0.5
0.0
0.5
1.0
Scaled Value [−1, 1]

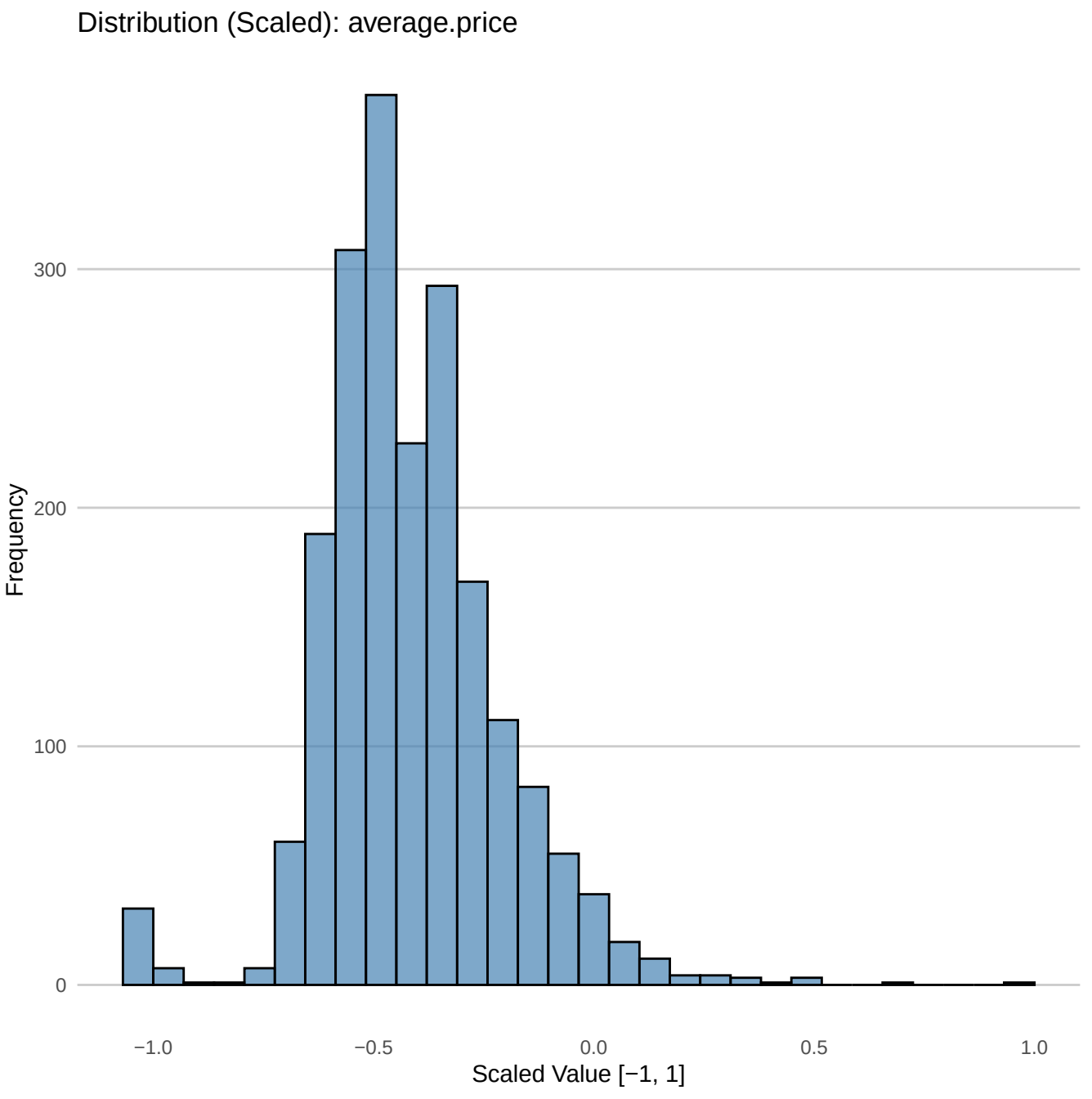

Distribution (Scaled): Cancellation_Ratio
2000
1500
1000
500
0
Frequency
−1.0
−0.5
0.0
0.5
1.0
Scaled Value [−1, 1]

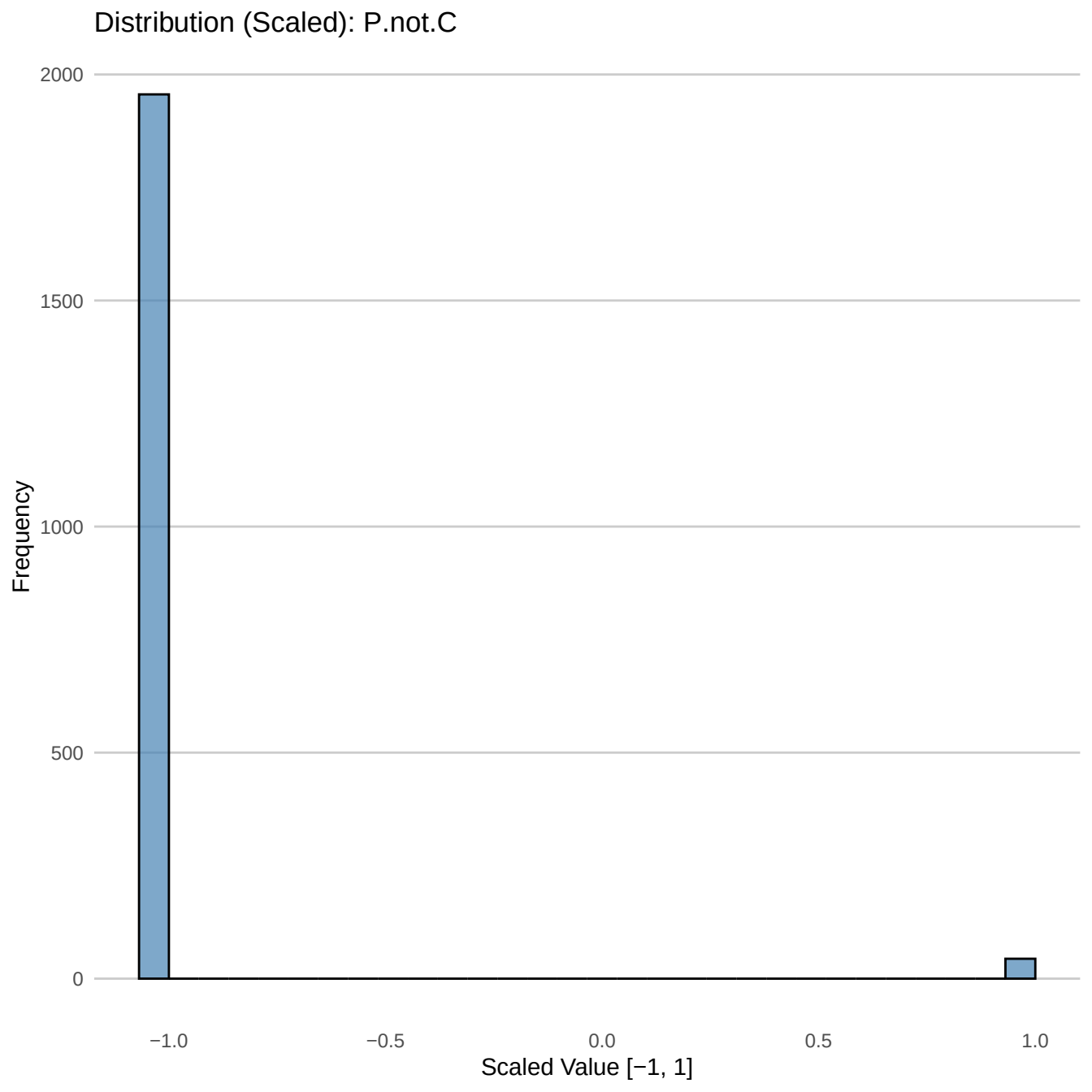

Distribution (Scaled): Total_Nights
Frequency
400
200
0
−1.0
−0.5
0.0
0.5
1.0
Scaled Value [−1, 1]

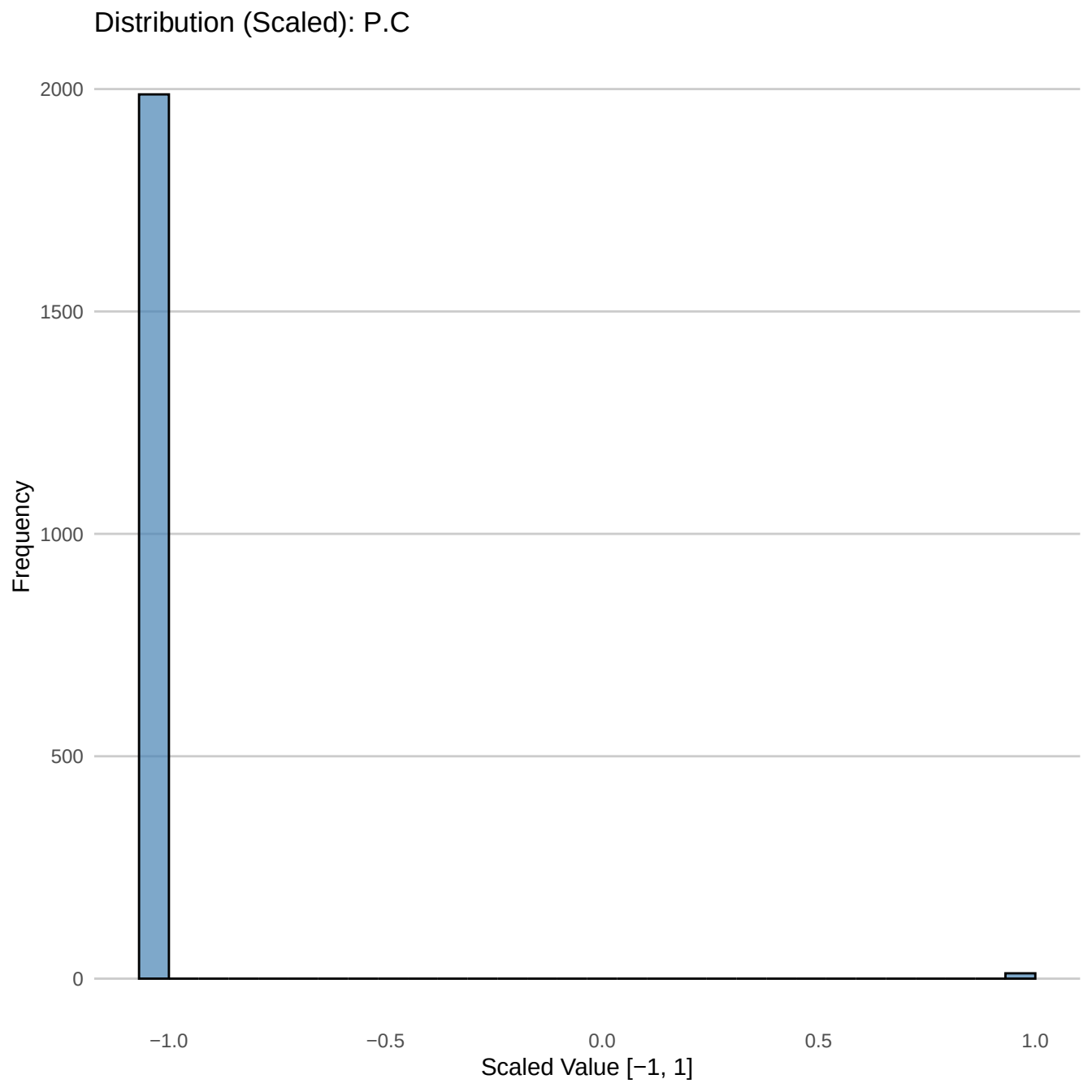

Distribution (Scaled): Is_Family
Frequency
1500
1000
500
0
−1.0
−0.5
0.0
0.5
1.0
Scaled Value [−1, 1]

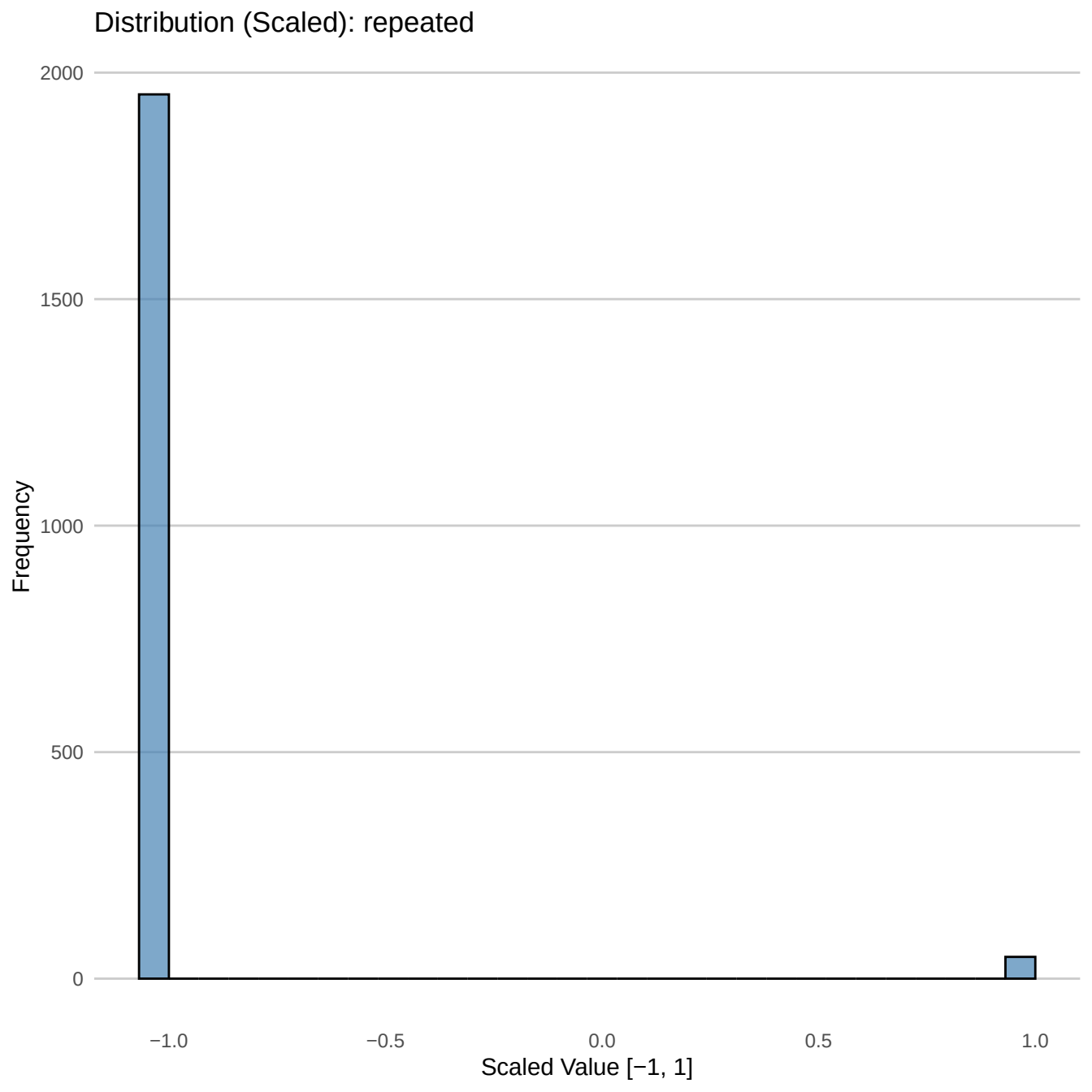

Distribution (Scaled): Total_Guests
Frequency
1000
500
0
−1.0
−0.5
0.0
0.5
1.0
Scaled Value [−1, 1]

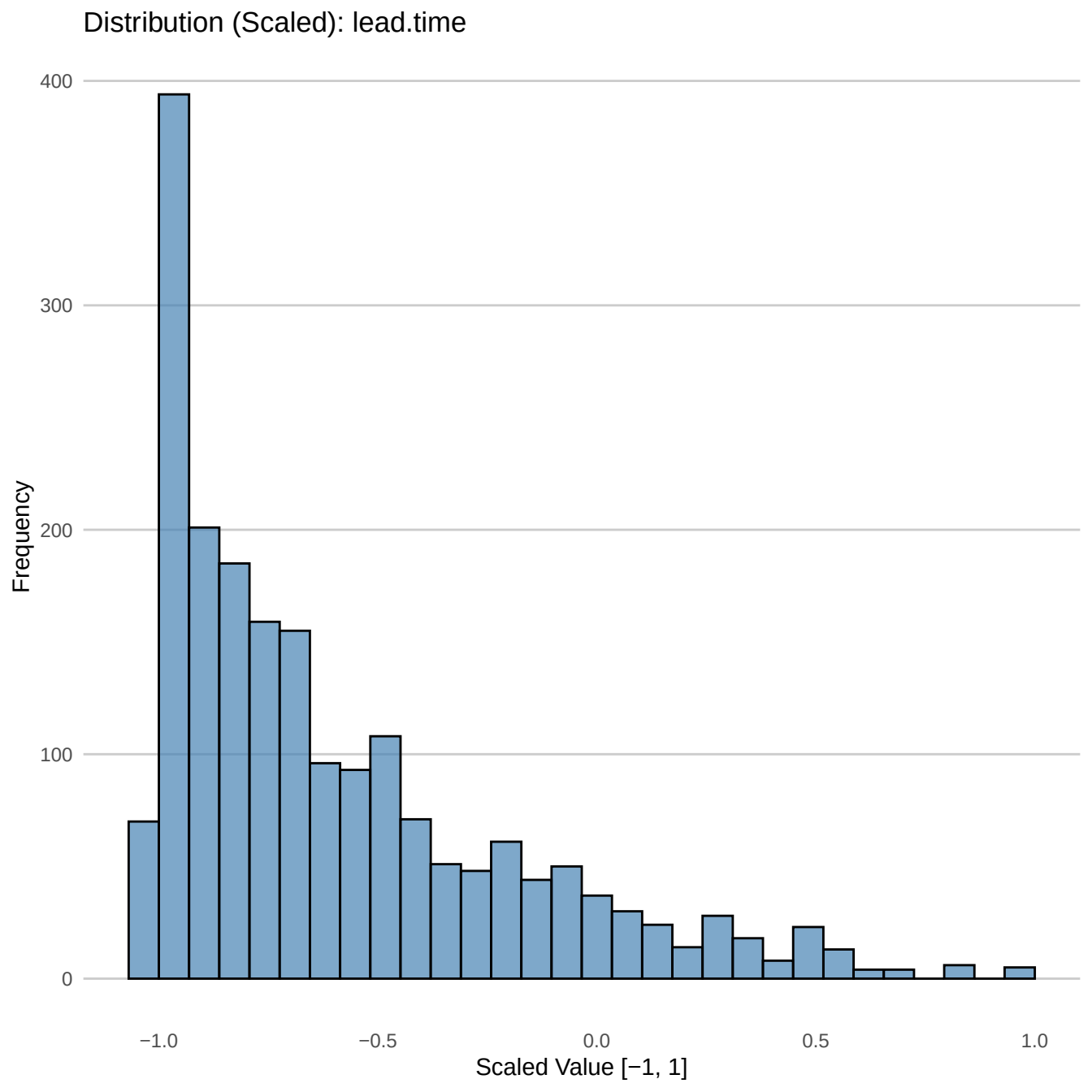

Distribution (Scaled): special.requests
Frequency
900
600
300
0
−1.0
−0.5
0.0
0.5
1.0
Scaled Value [−1, 1]

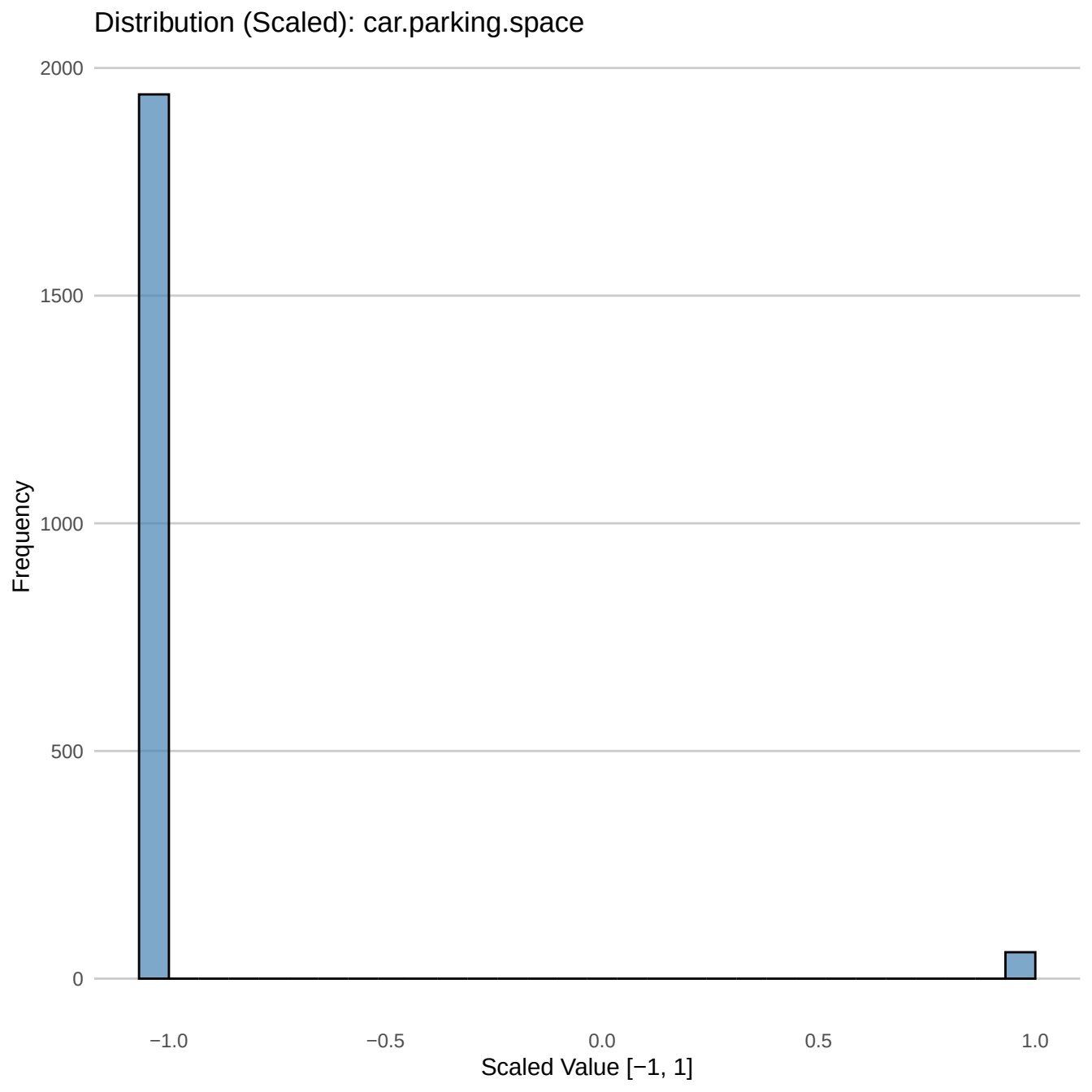

Distribution (Scaled): average.price
Frequency
300
200
100
0
−1.0
−0.5
0.0
0.5
1.0
Scaled Value [−1, 1]

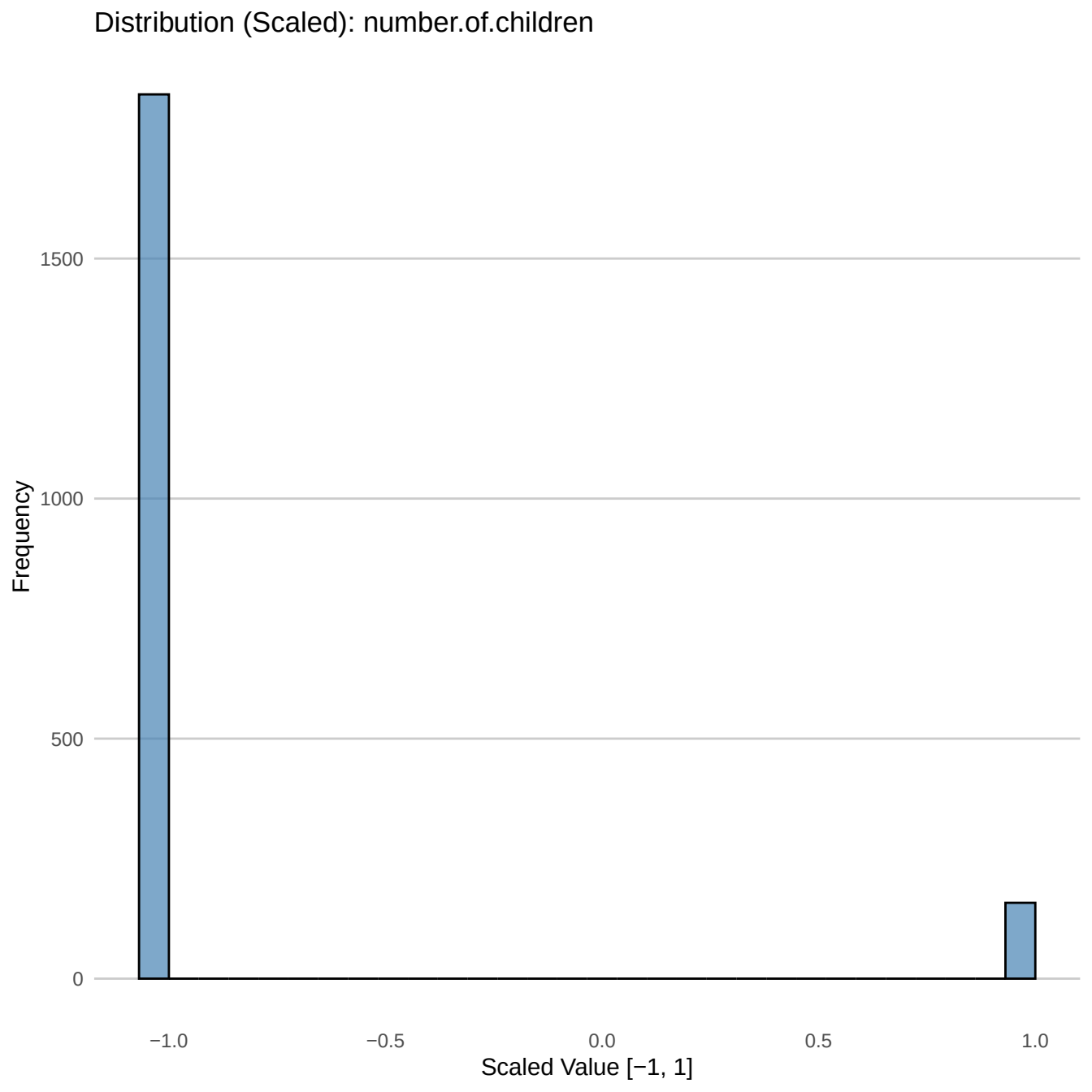

Distribution (Scaled): P.not.C
2000
1500
1000
500
0
Frequency
−1.0
−0.5
0.0
0.5
1.0
Scaled Value [−1, 1]

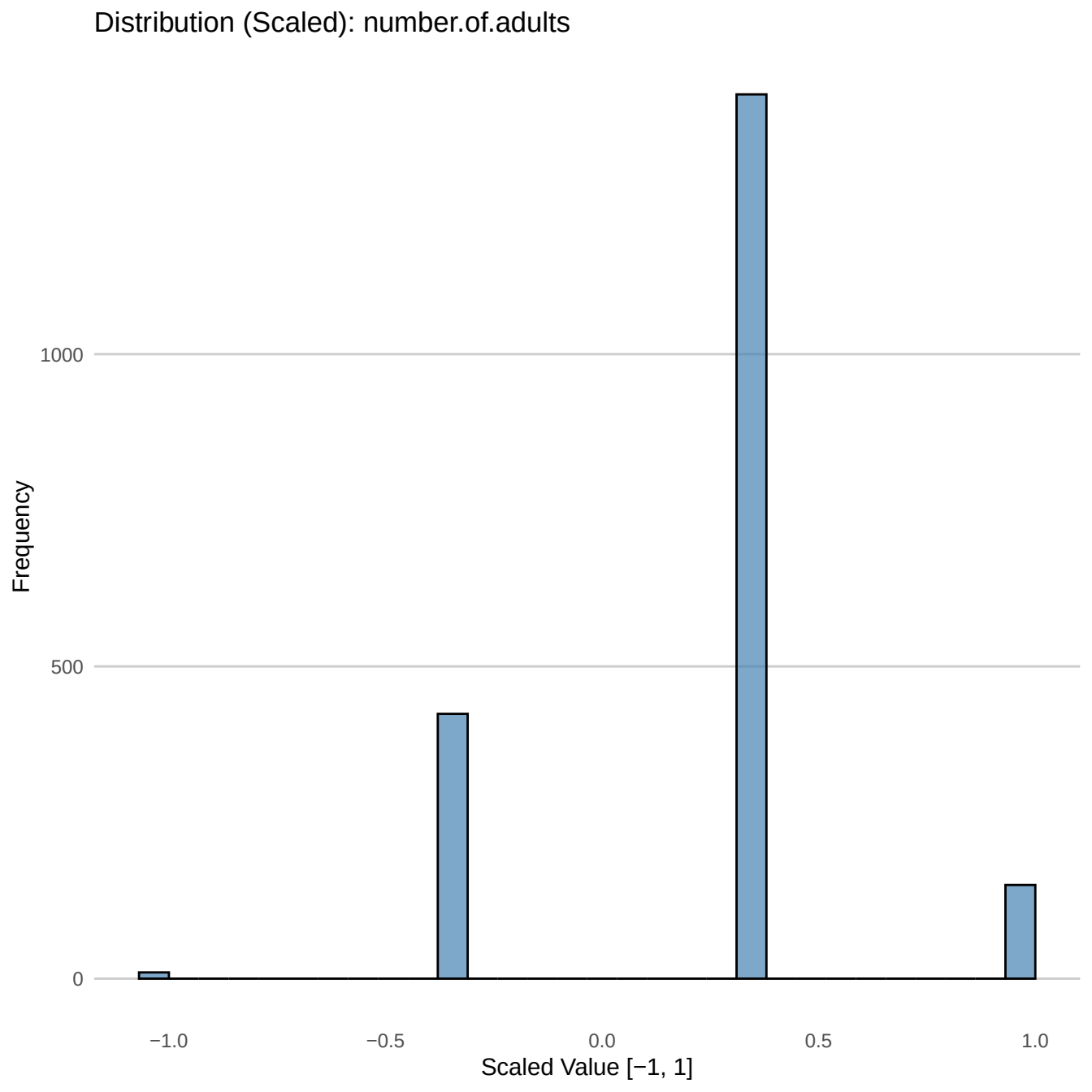

Distribution (Scaled): P.C
2000
1500
1000
500
0
Frequency
−1.0
−0.5
0.0
0.5
1.0
Scaled Value [−1, 1]

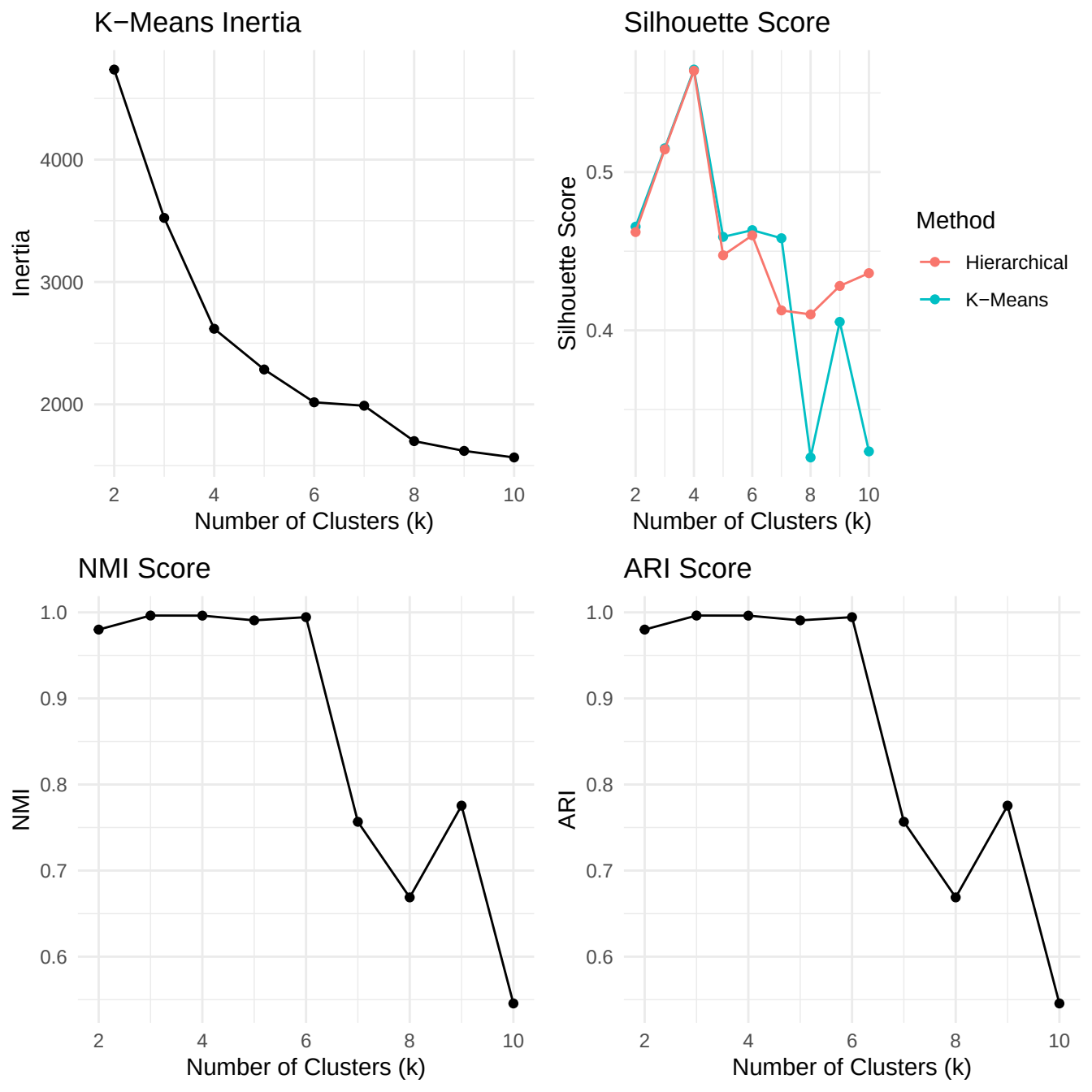

Distribution (Scaled): repeated
2000
1500
1000
500
0
Frequency
−1.0
−0.5
0.0
0.5
1.0
Scaled Value [−1, 1]


Distribution (Scaled): lead.time
Frequency
400
300
200
100
0
−1.0
−0.5
0.0
0.5
1.0
Scaled Value [−1, 1]


Distribution (Scaled): car.parking.space
2000
1500
1000
500
0
Frequency
−1.0
−0.5
0.0
0.5
1.0
Scaled Value [−1, 1]


Distribution (Scaled): number.of.children
Frequency
1500
1000
500
0
−1.0
−0.5
0.0
0.5
1.0
Scaled Value [−1, 1]


Distribution (Scaled): number.of.adults
Frequency
1000
500
0
−1.0
−0.5
0.0
0.5
1.0
Scaled Value [−1, 1]


K−Means Inertia
Inertia
4000
3000
2000
2
4
6
8
10
Number of Clusters (k)
Silhouette Score
Silhouette Score
0.5
0.4
2
4
6
8
10
Number of Clusters (k)
Method
Hierarchical
K−Means
NMI Score
NMI
1.0
0.9
0.8
0.7
0.6
2
4
6
8
10
Number of Clusters (k)
ARI Score
ARI
1.0
0.9
0.8
0.7
0.6
2
4
6
8
10
Number of Clusters (k)