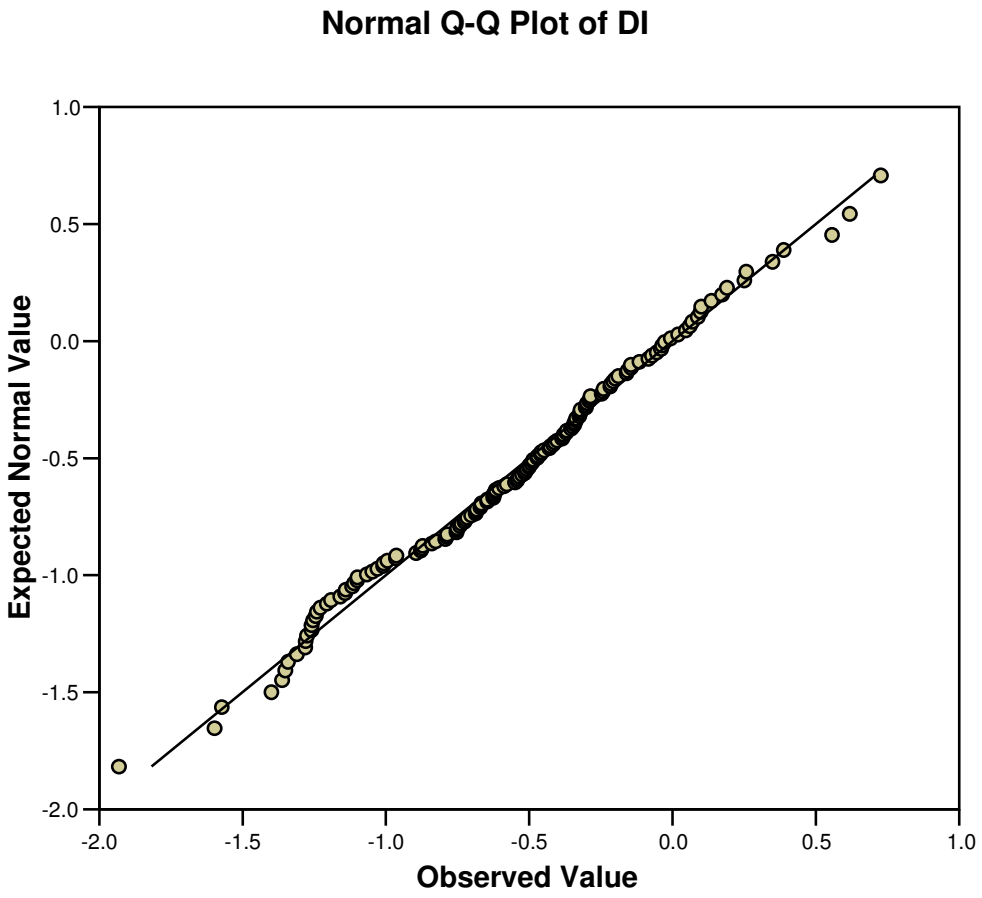
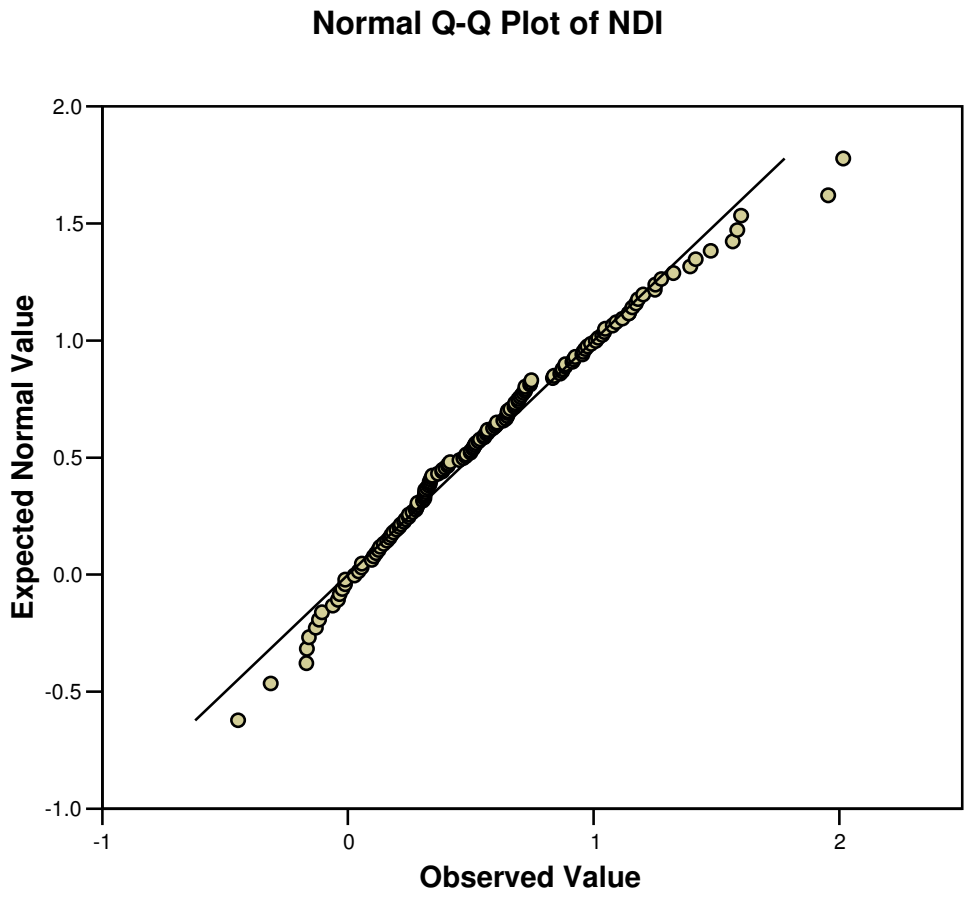
PPlot

MODEL: MOD_3.
Distribution tested: Normal
Proportion estimation formula used: Blom's
Rank assigned to ties: Mean

```
For variable DI ...
Normal distribution parameters estimated: location = -.55496603 and scale = .47888083
For variable NDI ...
Normal distribution parameters estimated: location = .57780487 and scale = .45756262
```



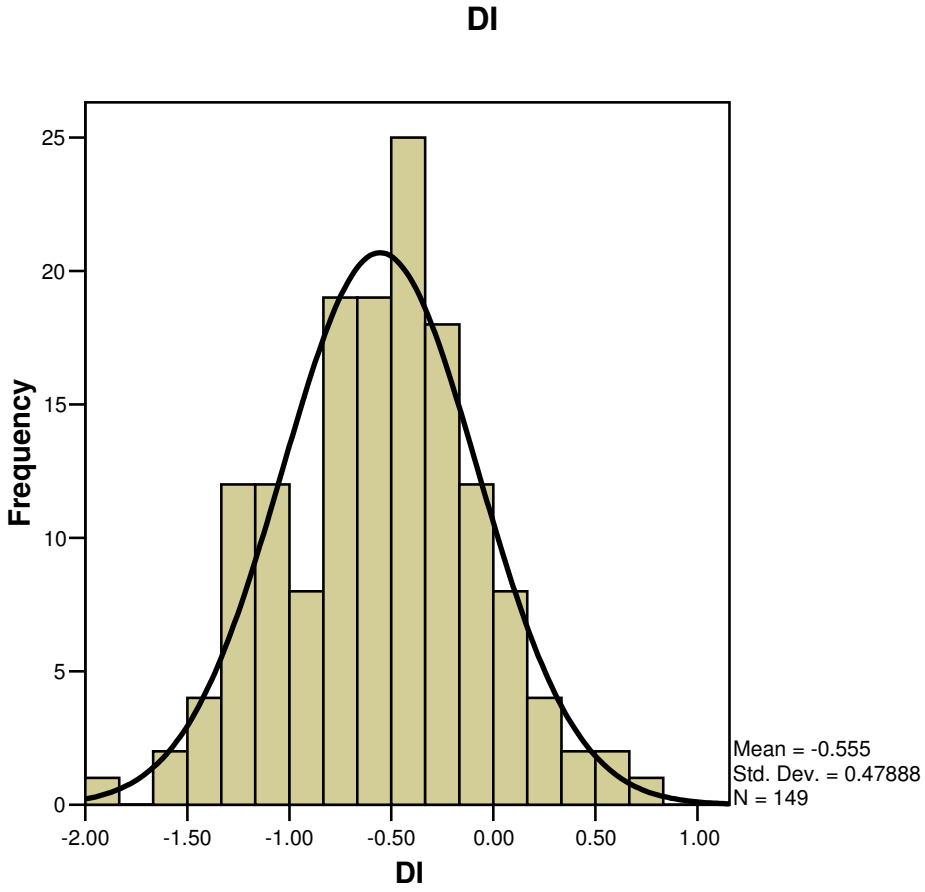


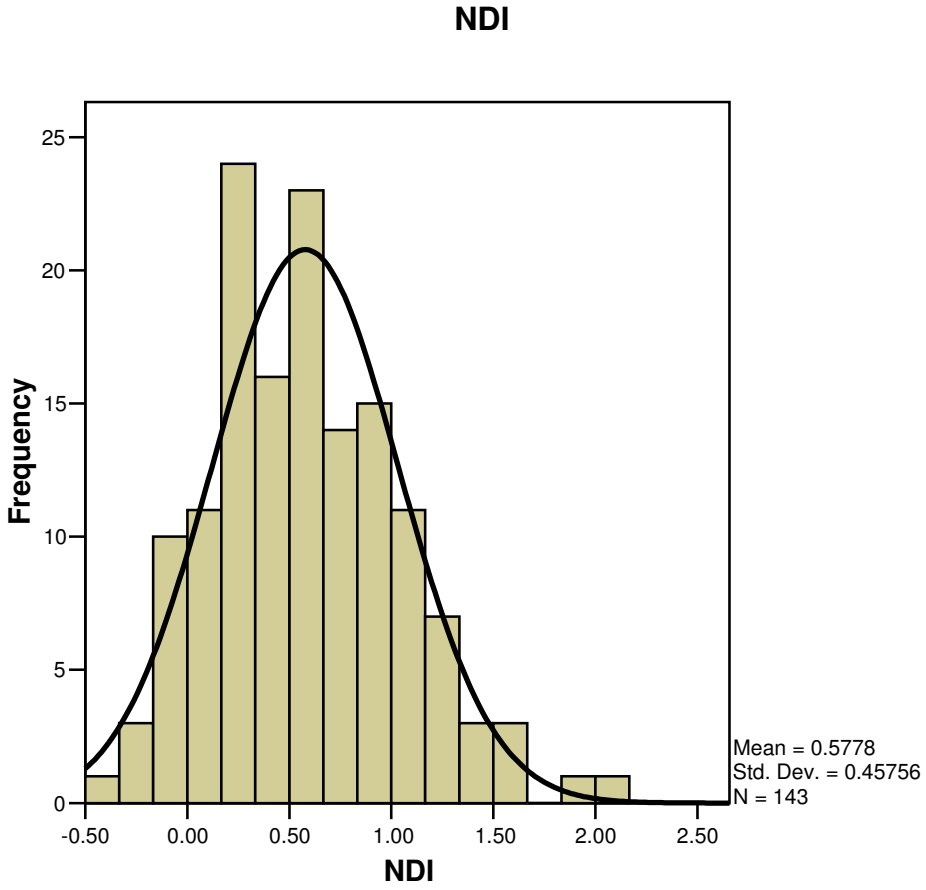
Frequencies

Statistics

		DI	NDI
N	Valid	149	143
	Missing	9851	9857
Mean		-.5550	.5778
Std. Error of Mean		.03923	.03826
Std. Deviation		.47888	.45756
Skewness		-.060	.526
Std. Error of Skewness		.199	.203
Kurtosis		-.022	.279
Std. Error of Kurtosis		.395	.403

Histogram


DI
Frequency
25
20
15
10
5
0
-2.00
-1.50
-1.00
-0.50
0.00
0.50
1.00
DI
Mean = -0.555
Std. Dev. = 0.47888
N = 149

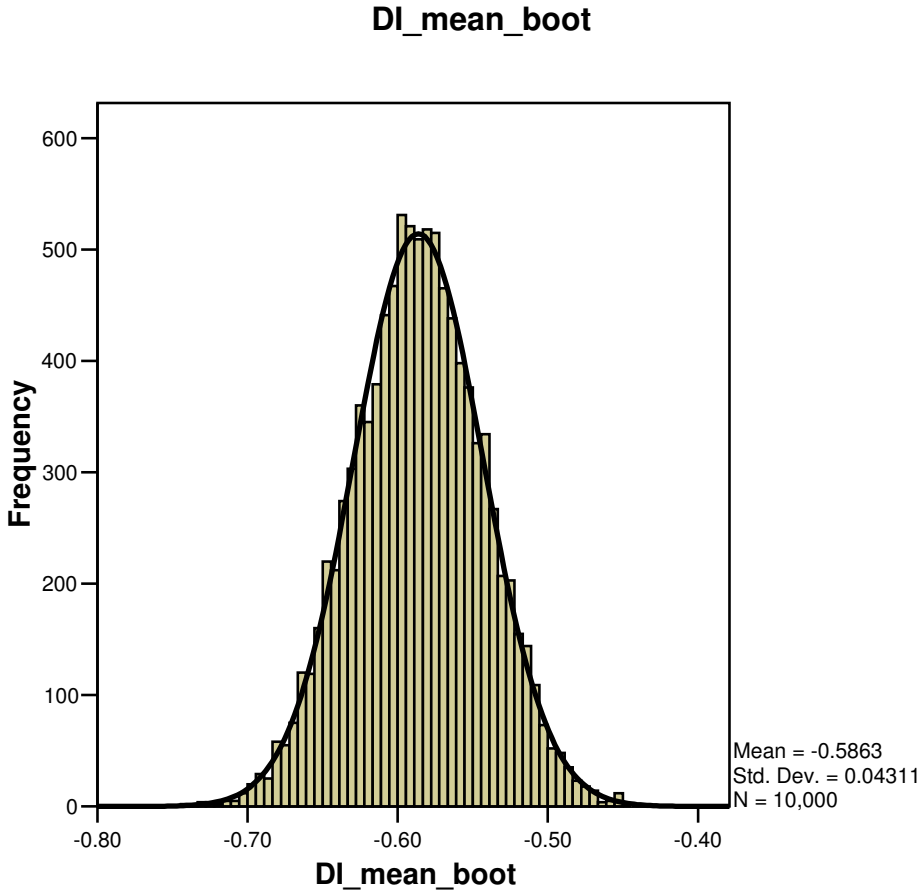


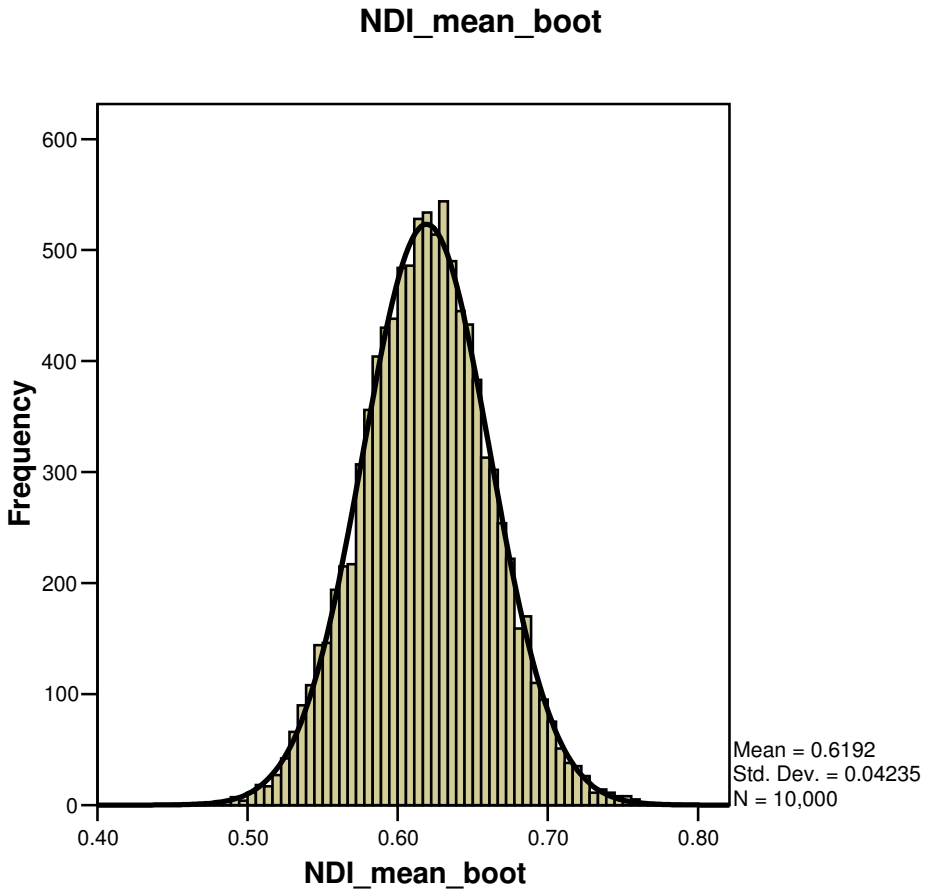
Frequencies

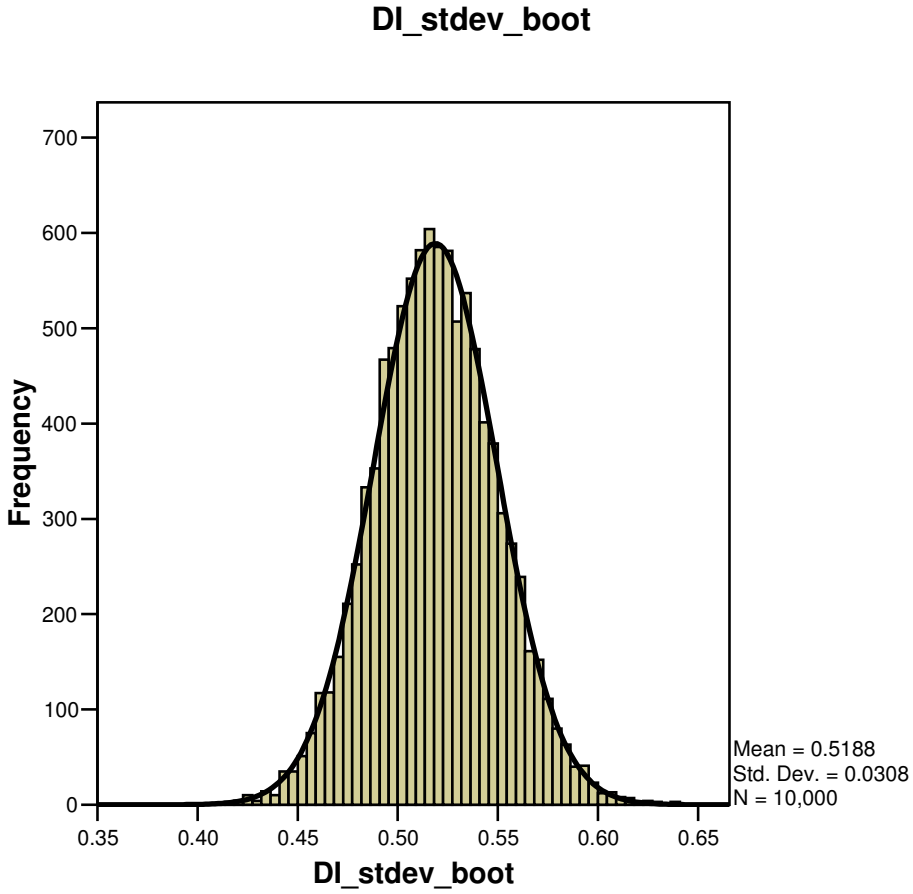
Statistics

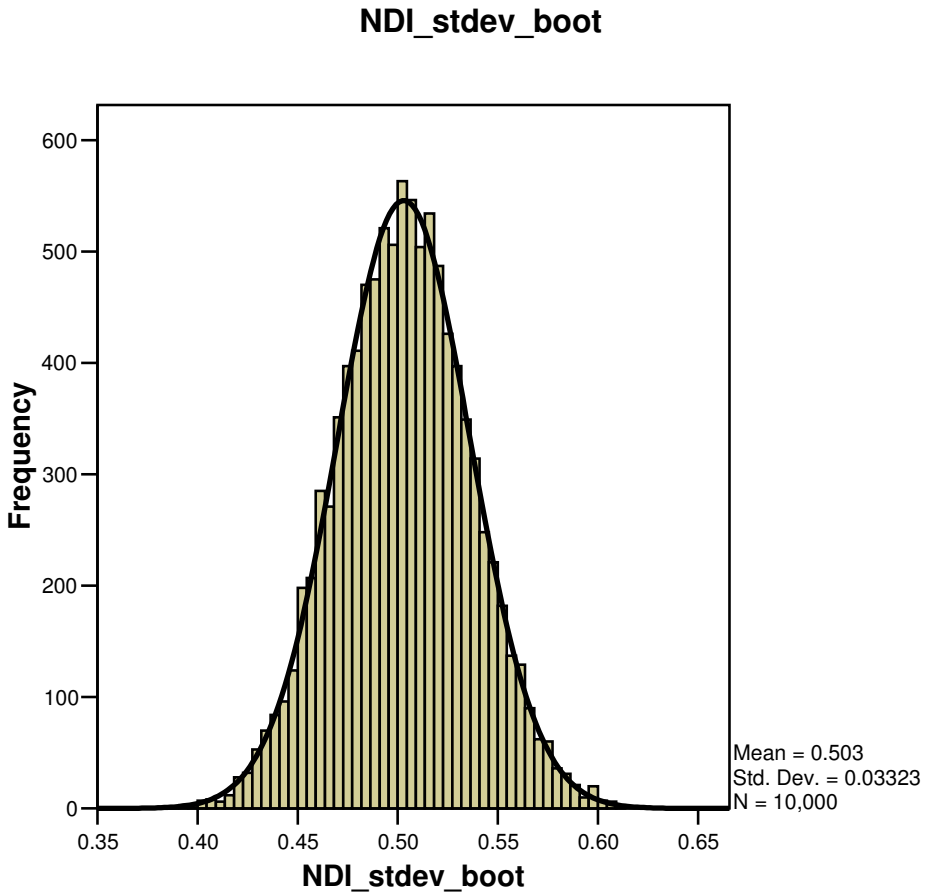
		DI_mean_boot	NDI_mean_boot	DI_stdev_boot	NDI_stdev_boot
N	Valid	10000	10000	10000	10000
	Missing	0	0	0	0
Mean		-.5863	.6192	.5188	.5030
Std. Error of Mean		.00043	.00042	.00031	.00033
Std. Deviation		.04311	.04235	.03080	.03323
Skewness		-.024	.048	.064	.030
Std. Error of Skewness		.024	.024	.024	.024
Kurtosis		-.051	.027	.117	-.069
Std. Error of Kurtosis		.049	.049	.049	.049

Histogram


DI_mean_boot
Frequency
600
500
400
300
200
100
0
-0.80
-0.70
-0.60
-0.50
-0.40
DI_mean_boot
Mean = -0.5863
Std. Dev. = 0.04311
N = 10,000


NDI_mean_boot
Frequency
600
500
400
300
200
100
0
0.40
0.50
0.60
0.70
0.80
NDI_mean_boot
Mean = 0.6192
Std. Dev. = 0.04235
N = 10,000

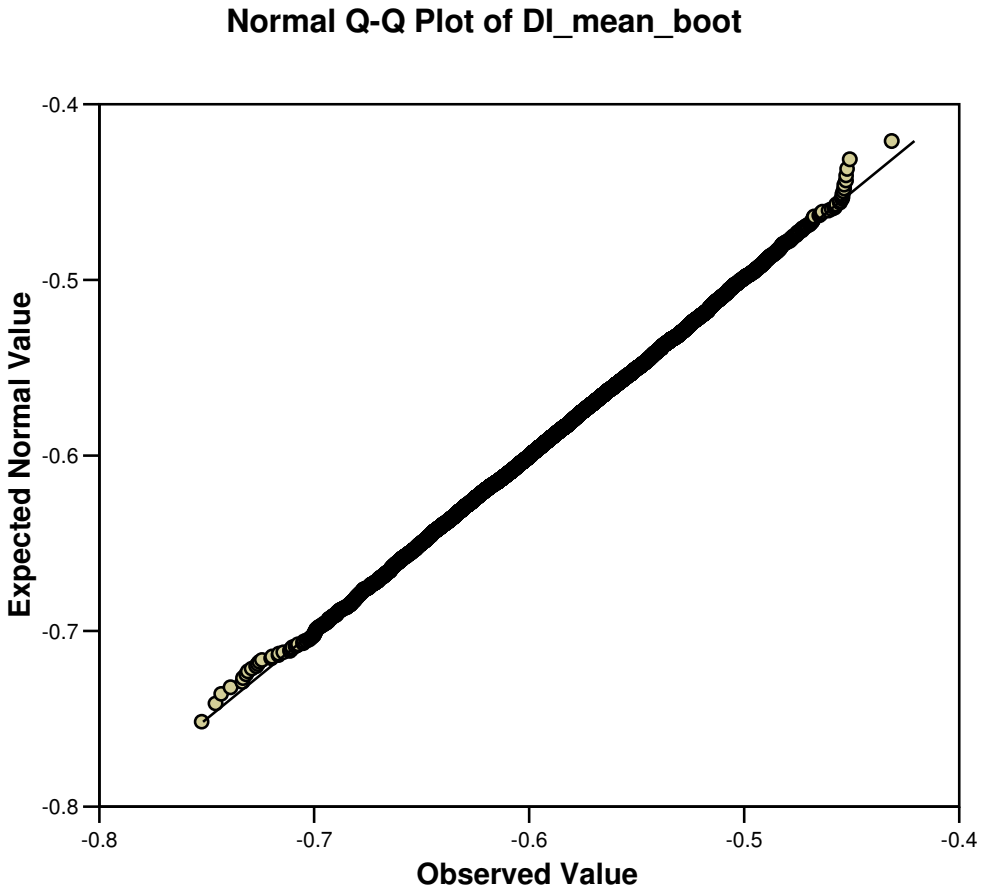

Dl_stdev_boot
Frequency
700
600
500
400
300
200
100
0
0.35
0.40
0.45
0.50
0.55
0.60
0.65
Dl_stdev_boot
Mean = 0.5188
Std. Dev. = 0.0308
N = 10,000

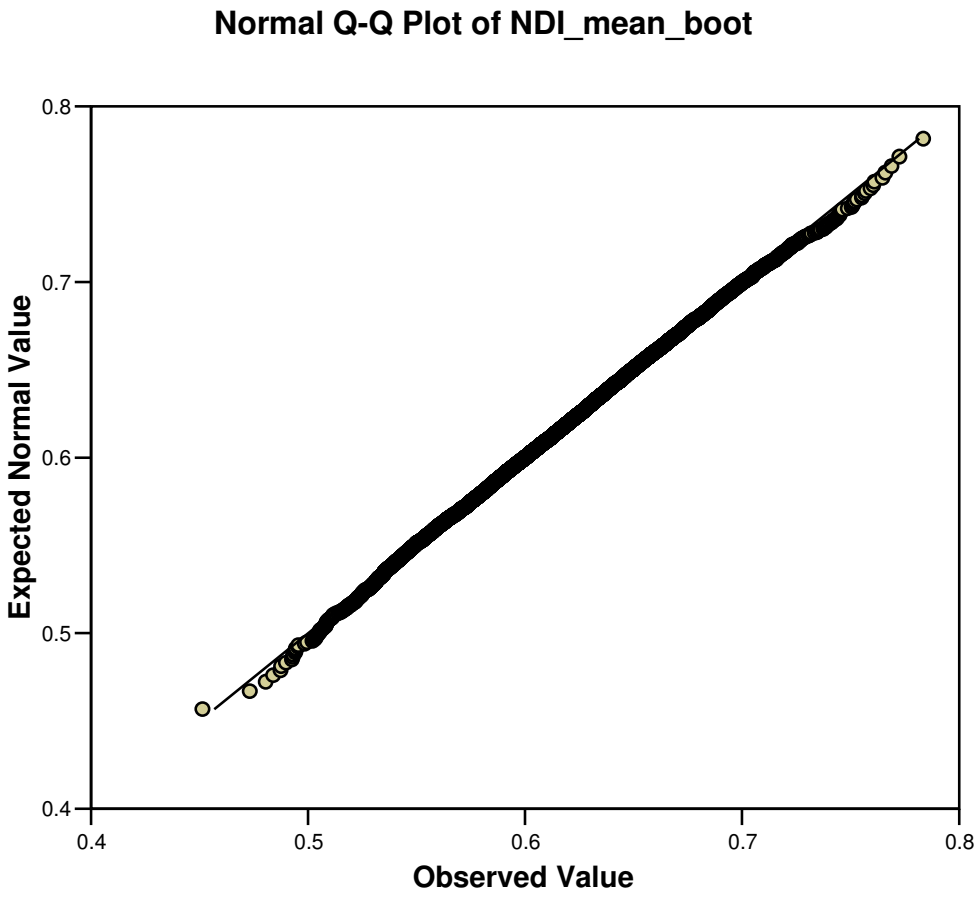


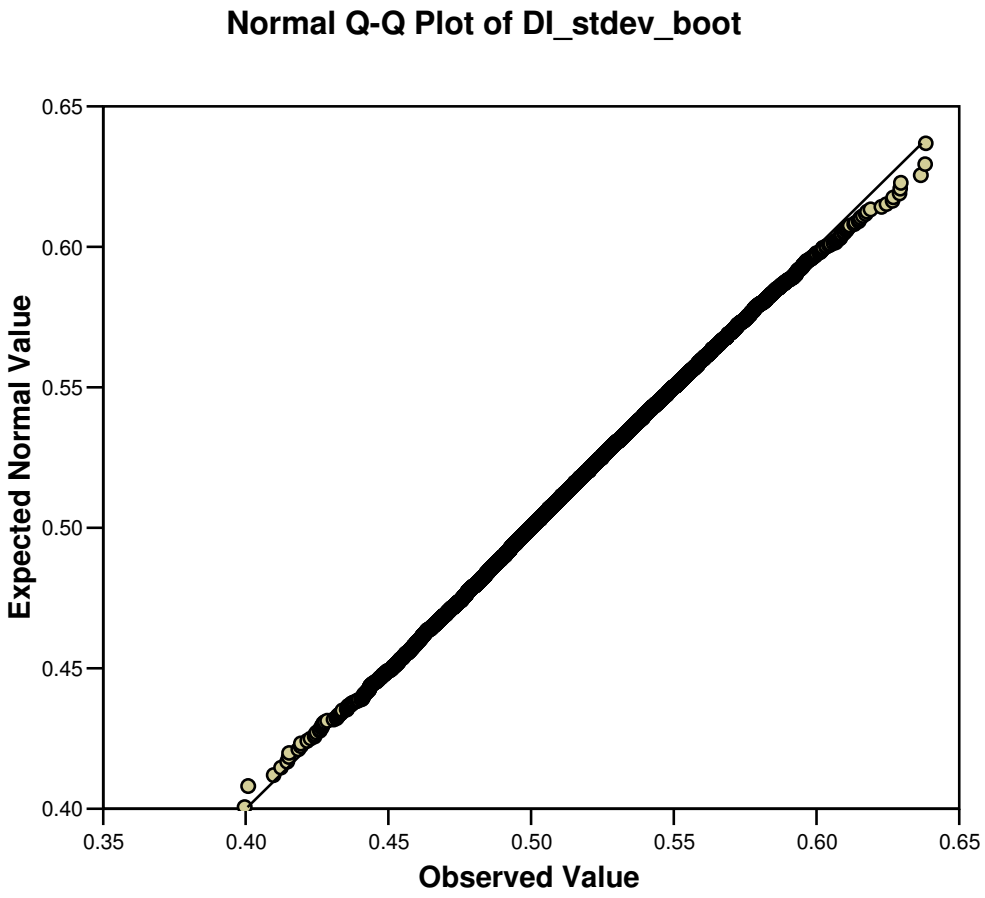
PPlot

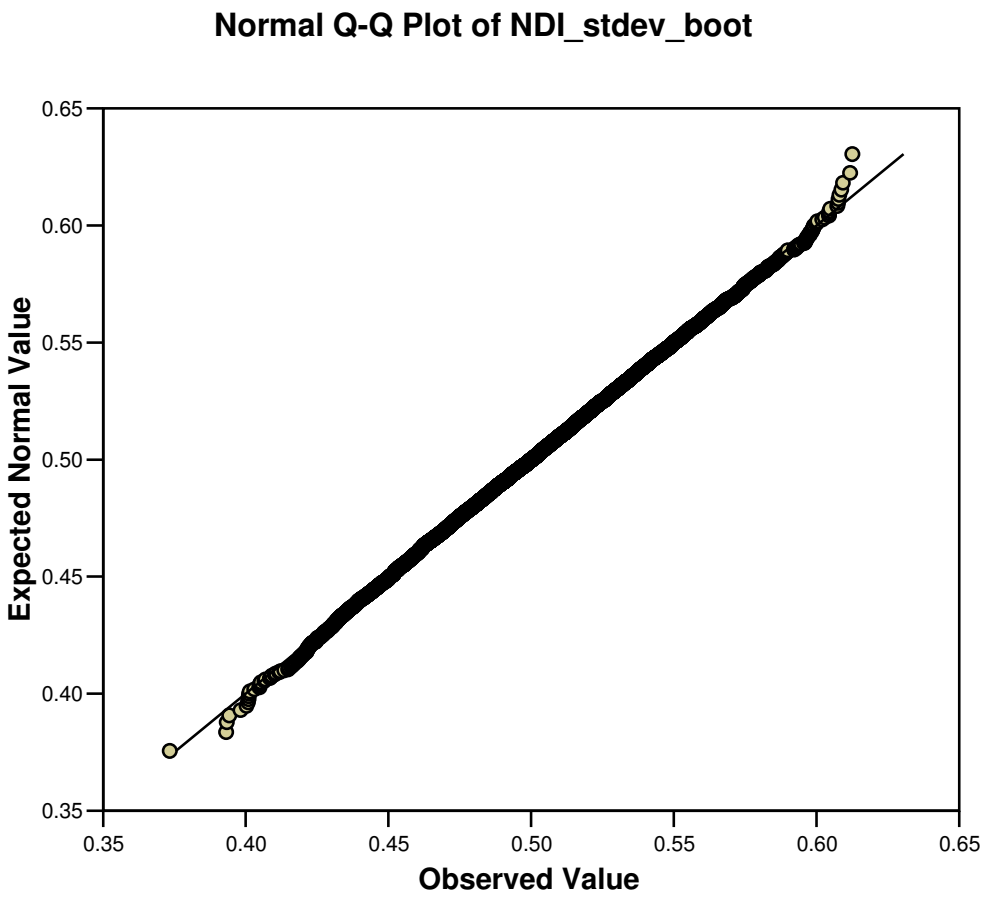
```
MODEL:  MOD_4.
Distribution tested: Normal
Proportion estimation formula used: Blom's
Rank assigned to ties: Mean
```

```
For variable DI_mean_boot ...
Normal distribution parameters estimated: location = -.58625348 and scale = .04311489
For variable NDI_mean_boot ...
Normal distribution parameters estimated: location = .61918883 and scale = .04234599
For variable DI_stdev_boot ...
Normal distribution parameters estimated: location = .51875276 and scale = .03079509
For variable NDI_stdev_boot ...
Normal distribution parameters estimated: location = .50303177 and scale = .03322787
```




Normal Q-Q Plot of NDI_mean_boot
Expected Normal Value
Observed Value
0.8
0.7
0.6
0.5
0.4
0.4
0.5
0.6
0.7
0.8


Normal Q-Q Plot of DI_stdev_boot
Expected Normal Value
Observed Value
0.65
0.60
0.55
0.50
0.45
0.40
0.35
0.40
0.45
0.50
0.55
0.60
0.65


Normal Q-Q Plot of NDI_stdev_boot
Expected Normal Value
Observed Value
0.35
0.40
0.45
0.50
0.55
0.60
0.65