

Hypothese 3

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Deskriptive Statistik - Einzelflüge

```
## $`Flug: Amsterdam-AUA`
##
## DESCRIPTIVES
##
## Descriptives
## -----
##               Preis      Device
## -----
##      N              40        40
##      Missing          0         0
##      Mean            97.8
##      Median           88.0
##      Standard deviation 15.3
##      Minimum          87.0
##      Maximum          141
## -----
##
##
## FREQUENCIES
##
## Frequencies of Preis
## -----
##      Levels      Counts      % of Total      Cumulative %
## -----
##      87             2          5.0           5.0
##      88            22         55.0          60.0
##      89             2          5.0          65.0
##      103            4         10.0          75.0
##      116            4         10.0          85.0
##      117            4         10.0          95.0
##      141            2          5.0         100.0
## -----
##
##
## Frequencies of Device
## -----
##      Levels      Counts      % of Total      Cumulative %
## -----
##      Website          20          50.0          50.0
##      Reise-Website     20          50.0         100.0
## -----
##
##
## $`Flug: Berlin-AUA`
##
```

```

## DESCRIPTIVES
##
## Descriptives
## -----
##               Preis      Device
## -----
##      N               40       40
##      Missing          0        0
##      Mean            92.8
##      Median           88.0
##      Standard deviation 12.8
##      Minimum          87.0
##      Maximum          123
## -----
##
##
## FREQUENCIES
##
## Frequencies of Preis
## -----
##      Levels      Counts      % of Total      Cumulative %
## -----
##      87           16         40.0           40.0
##      88           18         45.0           85.0
##      123           6          15.0          100.0
## -----
##
##
## Frequencies of Device
## -----
##      Levels      Counts      % of Total      Cumulative %
## -----
##      Website      20         50.0           50.0
##      Reise-Website 20         50.0          100.0
## -----
##
##
## $`Flug: Lissabon-AUA`
##
## DESCRIPTIVES
##
## Descriptives
## -----
##               Preis      Device
## -----
##      N               40       40
##      Missing          0        0
##      Mean            257
##      Median           253
##      Standard deviation 8.22
##      Minimum          252
##      Maximum          273
## -----
##
##

```

```

##
## FREQUENCIES
##
## Frequencies of Preis
## -----
##      Levels      Counts      % of Total      Cumulative %
## -----
##      252          14          35.0          35.0
##      253          16          40.0          75.0
##      254           2           5.0          80.0
##      272           1           2.5          82.5
##      273           7          17.5          100.0
## -----
##
##
## Frequencies of Device
## -----
##      Levels      Counts      % of Total      Cumulative %
## -----
##      Website          20          50.0          50.0
##      Reise-Website    20          50.0          100.0
## -----
##
##
## $`Flug: London-AUA`
##
## DESCRIPTIVES
##
## Descriptives
## -----
##                               Preis      Device
## -----
##      N                  40          40
##      Missing              0           0
##      Mean                144
##      Median              150
##      Standard deviation   37.8
##      Minimum              105
##      Maximum              204
## -----
##
##
## FREQUENCIES
##
## Frequencies of Device
## -----
##      Levels      Counts      % of Total      Cumulative %
## -----
##      Website          20          50.0          50.0
##      Reise-Website    20          50.0          100.0
## -----
##
##
## $`Flug: Bangkok-AUA`

```

```

##
## DESCRIPTIVES
##
## Descriptives
## -----
##               Preis      Device
## -----
##      N               40        40
##      Missing          0         0
##      Mean             800
##      Median            810
##      Standard deviation 79.6
##      Minimum           666
##      Maximum           945
## -----
##
##
## FREQUENCIES
##
## Frequencies of Device
## -----
##      Levels      Counts      % of Total      Cumulative %
## -----
##      Website          20          50.0          50.0
##      Reise-Website     20          50.0          100.0
## -----
##
##
## $`Flug: New York-AUA`
##
## DESCRIPTIVES
##
## Descriptives
## -----
##               Preis      Device
## -----
##      N               40        40
##      Missing          0         0
##      Mean             593
##      Median            553
##      Standard deviation 105
##      Minimum           473
##      Maximum           738
## -----
##
##
## FREQUENCIES
##
## Frequencies of Device
## -----
##      Levels      Counts      % of Total      Cumulative %
## -----
##      Website          20          50.0          50.0
##      Reise-Website     20          50.0          100.0

```

```

## -----
##
##
## $`Flug: Tokio-AUA`
##
## DESCRIPTIVES
##
## Descriptives
## -----
##               Preis      Device
## -----
##      N              40        40
##      Missing          0         0
##      Mean            850
##      Median           823
##      Standard deviation 116
##      Minimum          747
##      Maximum         1169
## -----
##
##
##
## FREQUENCIES
##
## Frequencies of Device
## -----
##      Levels      Counts    % of Total    Cumulative %
## -----
##      Website          20         50.0         50.0
##      Reise-Website     20         50.0        100.0
## -----
##
##
## $`Flug: Amsterdam-KLM`
##
## DESCRIPTIVES
##
## Descriptives
## -----
##               Preis      Device
## -----
##      N              40        40
##      Missing          0         0
##      Mean            144
##      Median           158
##      Standard deviation 30.5
##      Minimum          99.0
##      Maximum          180
## -----
##
##
##
## FREQUENCIES
##
## Frequencies of Preis
## -----

```

```

##      Levels      Counts      % of Total      Cumulative %
## -----
##      99           6          15.0          15.0
##      109          4          10.0          25.0
##      116          1           2.5          27.5
##      119          5          12.5          40.0
##      158          7          17.5          57.5
##      167          4          10.0          67.5
##      171          9          22.5          90.0
##      180          4          10.0          100.0
## -----
##
##
## Frequencies of Device
## -----
##      Levels      Counts      % of Total      Cumulative %
## -----
##      Website      20          50.0          50.0
##      Reise-Website 20          50.0          100.0
## -----
##
##
## $`Flug: Berlin-EZY`
##
## DESCRIPTIVES
##
## Descriptives
## -----
##              Preis      Device
## -----
##      N              40          40
##      Missing          0           0
##      Mean            64.3
##      Median           64.5
##      Standard deviation 5.87
##      Minimum           50.0
##      Maximum           71.0
## -----
##
##
## FREQUENCIES
##
## Frequencies of Preis
## -----
##      Levels      Counts      % of Total      Cumulative %
## -----
##      50           2           5.0           5.0
##      53           2           5.0          10.0
##      54           2           5.0          15.0
##      62           2           5.0          20.0
##      63           2           5.0          25.0
##      64          10          25.0          50.0
##      65           4          10.0          60.0
##      66           4          10.0          70.0

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##      70          8          20.0          90.0
##      71          4          10.0         100.0
## -----
##
##
## Frequencies of Device
## -----
##      Levels          Counts      % of Total      Cumulative %
## -----
##      Website          20          50.0          50.0
##      Reise-Website    20          50.0          100.0
## -----
##
##
## $`Flug: Lissabon-LDM`
##
## DESCRIPTIVES
##
## Descriptives
## -----
##              Preis      Device
## -----
##      N              40       40
##      Missing         0        0
##      Mean           104
##      Median          106
##      Standard deviation 19.2
##      Minimum         66.0
##      Maximum         136
## -----
##
##
## FREQUENCIES
##
## Frequencies of Device
## -----
##      Levels          Counts      % of Total      Cumulative %
## -----
##      Website          20          50.0          50.0
##      Reise-Website    20          50.0          100.0
## -----
##
##
## $`Flug: London-BAW`
##
## DESCRIPTIVES
##
## Descriptives
## -----
##              Preis      Device
## -----
##      N              40       40
##      Missing         0        0
##      Mean           111

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##      Median                112
##      Standard deviation    3.05
##      Minimum               108
##      Maximum               119
## -----
##
##
## FREQUENCIES
##
## Frequencies of Preis
## -----
##      Levels      Counts      % of Total      Cumulative %
## -----
##      108          16          40.0          40.0
##      112          10          25.0          65.0
##      113           5          12.5          77.5
##      114           7          17.5          95.0
##      119           2           5.0         100.0
## -----
##
##
## Frequencies of Device
## -----
##      Levels      Counts      % of Total      Cumulative %
## -----
##      Website          20          50.0          50.0
##      Reise-Website    20          50.0         100.0
## -----
##
##
## $`Flug: Bangkok-THA`
##
## DESCRIPTIVES
##
## Descriptives
## -----
##
##      Preis      Device
## -----
##      N          40          40
##      Missing      0           0
##      Mean         979
##      Median        954
##      Standard deviation  88.8
##      Minimum        864
##      Maximum       1193
## -----
##
##
##
## FREQUENCIES
##
## Frequencies of Device
## -----
##      Levels      Counts      % of Total      Cumulative %
## -----

```



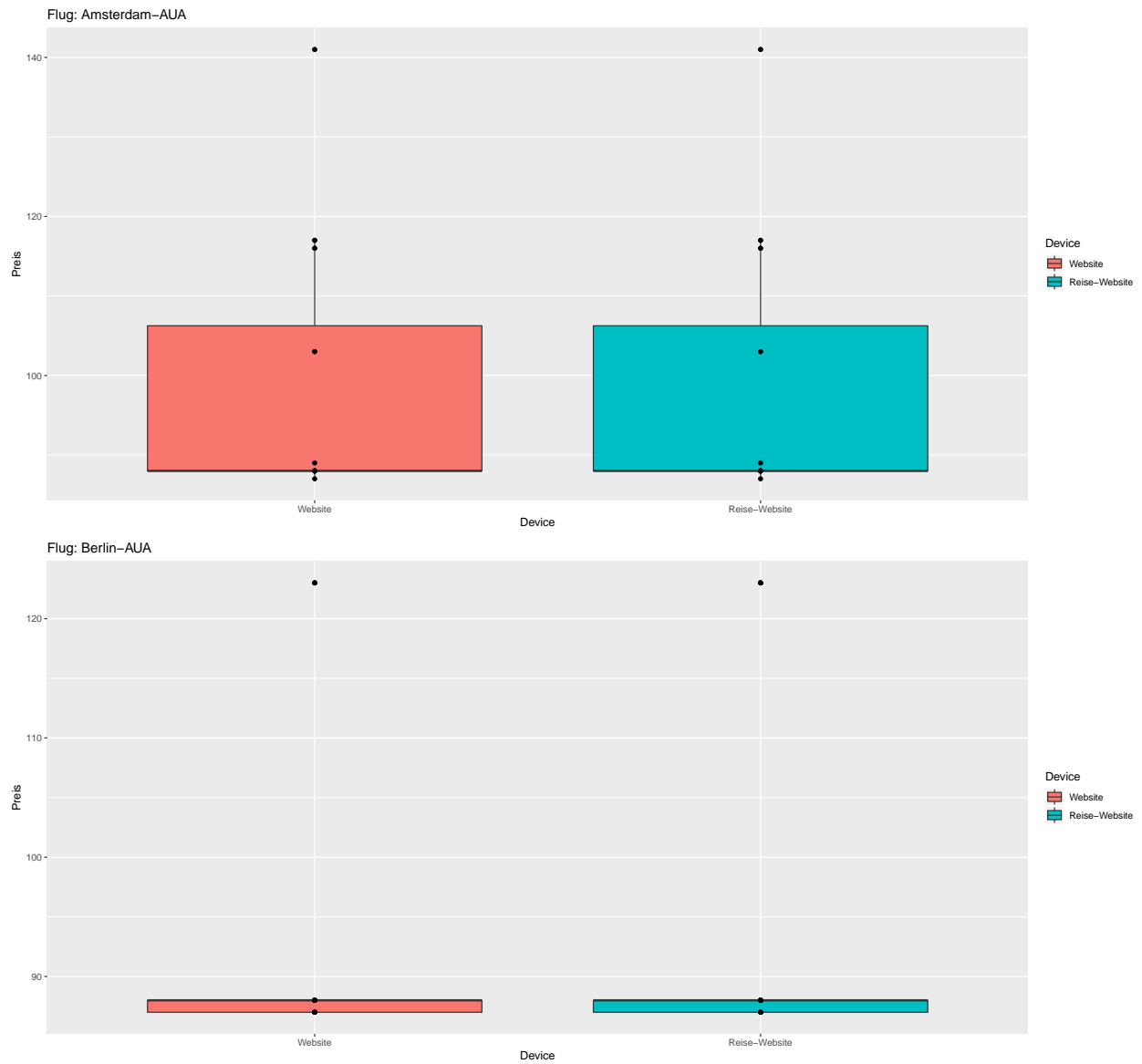
```

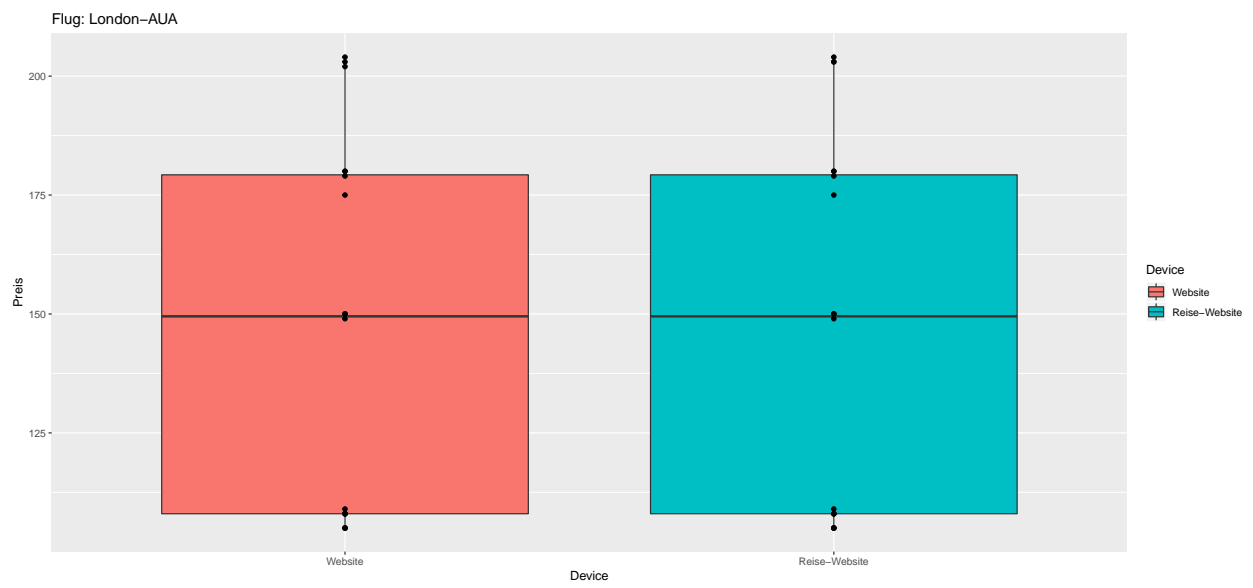
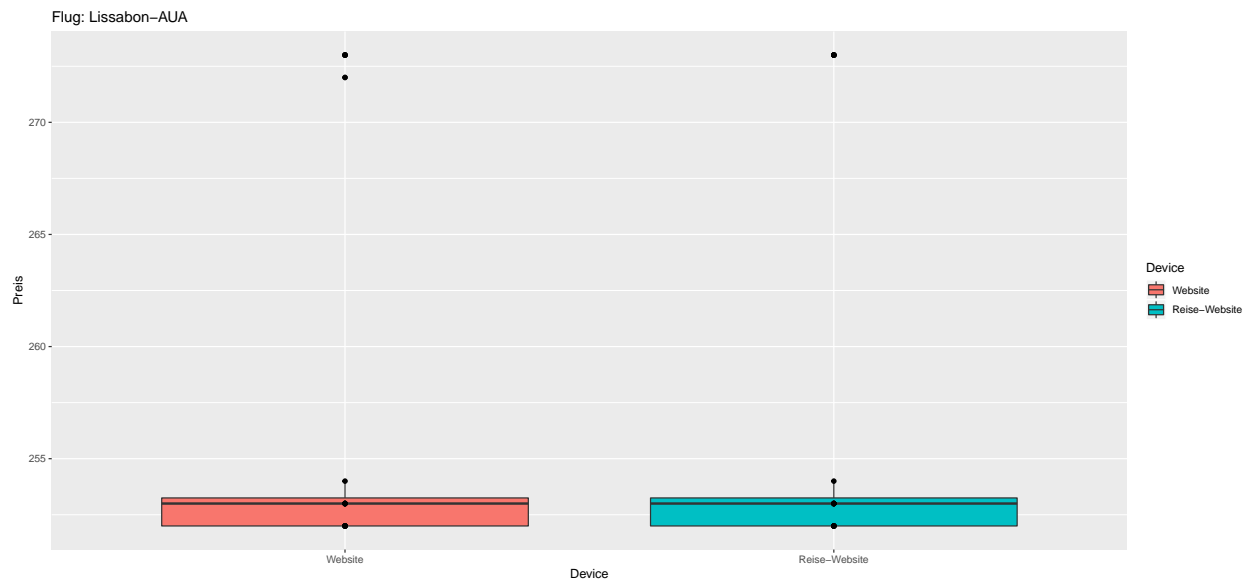
##      Website      20      50.0      50.0
##      Reise-Website  20      50.0     100.0
## -----
##
##
## $`Flug: New York-UAL`
##
## DESCRIPTIVES
##
## Descriptives
## -----
##              Preis      Device
## -----
##      N              40       40
##      Missing         0        0
##      Mean           620
##      Median          640
##      Standard deviation 130
##      Minimum          430
##      Maximum          767
## -----
##
##
##
## FREQUENCIES
##
## Frequencies of Device
## -----
##      Levels      Counts      % of Total      Cumulative %
## -----
##      Website      20          50.0          50.0
##      Reise-Website 20          50.0          100.0
## -----
##
##
##
## $`Flug: Tokio-ANA`
##
## DESCRIPTIVES
##
## Descriptives
## -----
##              Preis      Device
## -----
##      N              40       40
##      Missing         0        0
##      Mean           687
##      Median          655
##      Standard deviation 62.8
##      Minimum          648
##      Maximum          894
## -----
##
##
##
## FREQUENCIES
##

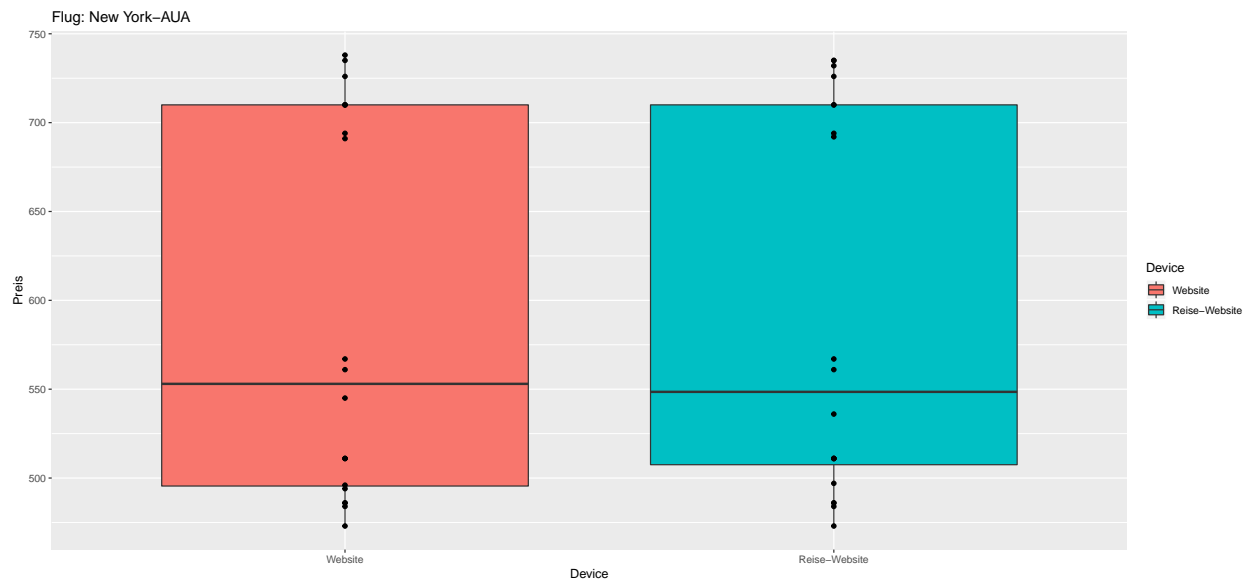
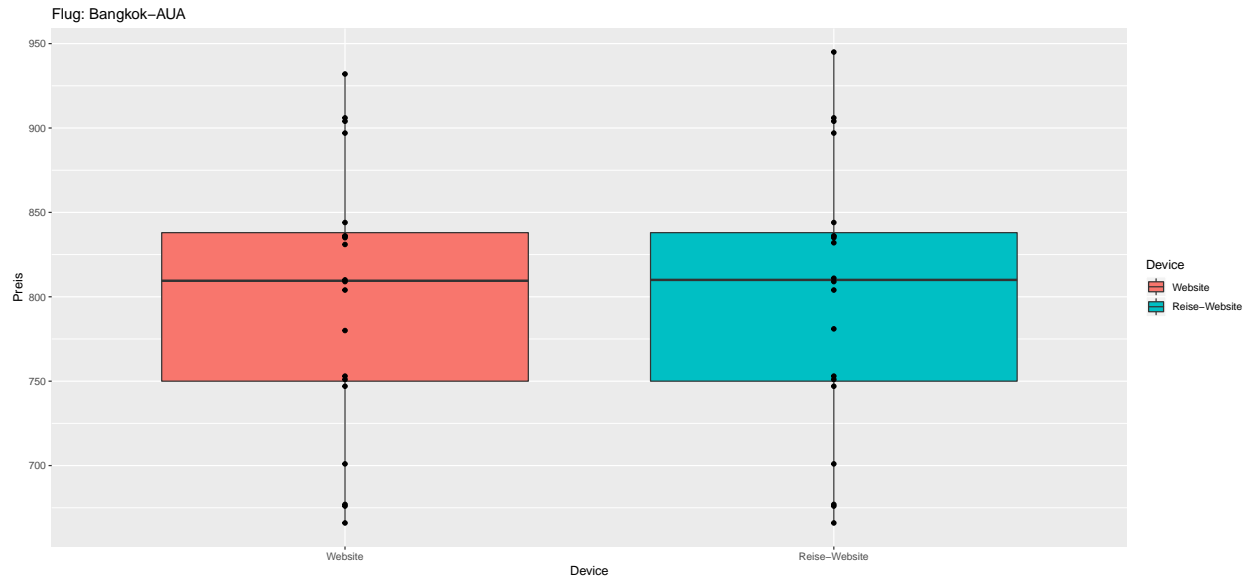
```

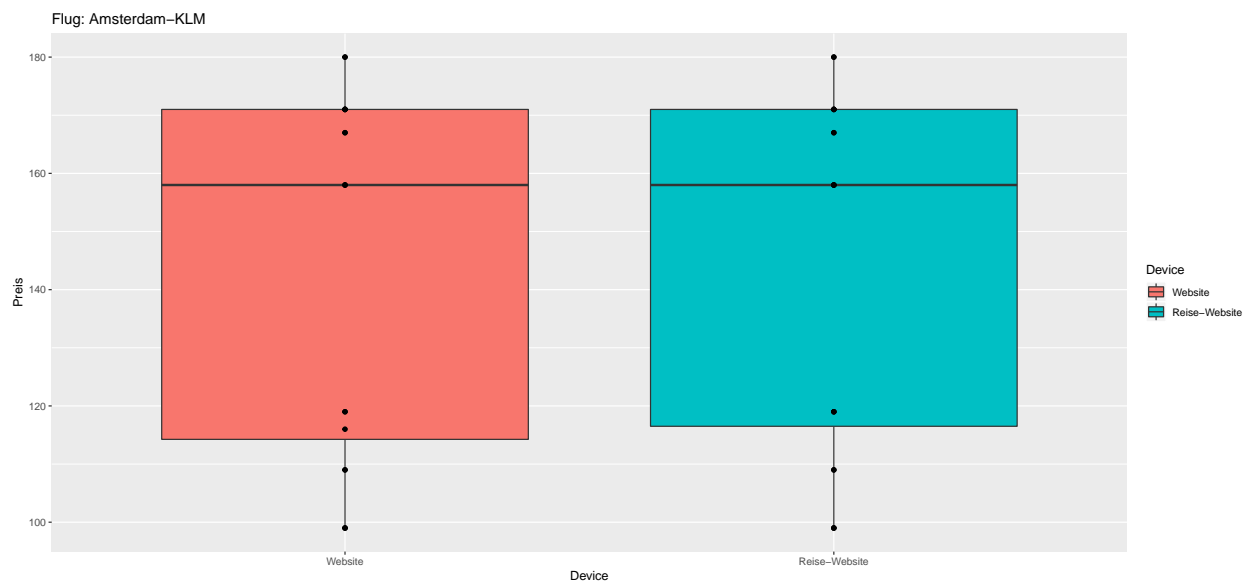
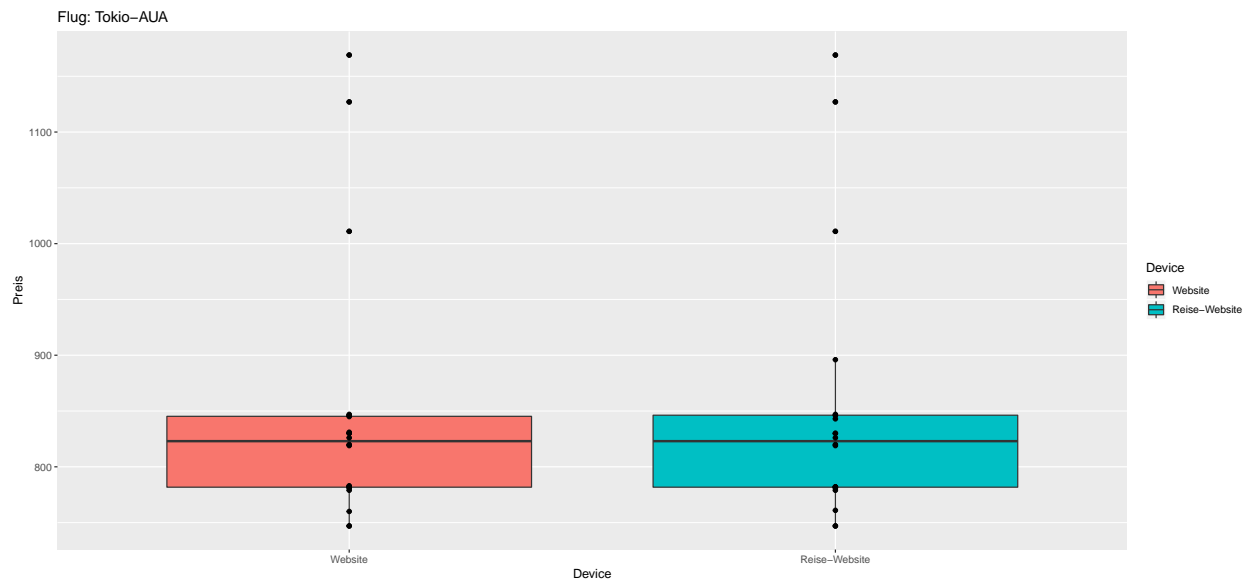
##	Frequencies of Device			
##	-----			
##	Levels	Counts	% of Total	Cumulative %
##	-----			
##	Website	20	50.0	50.0
##	Reise-Website	20	50.0	100.0
##	-----			

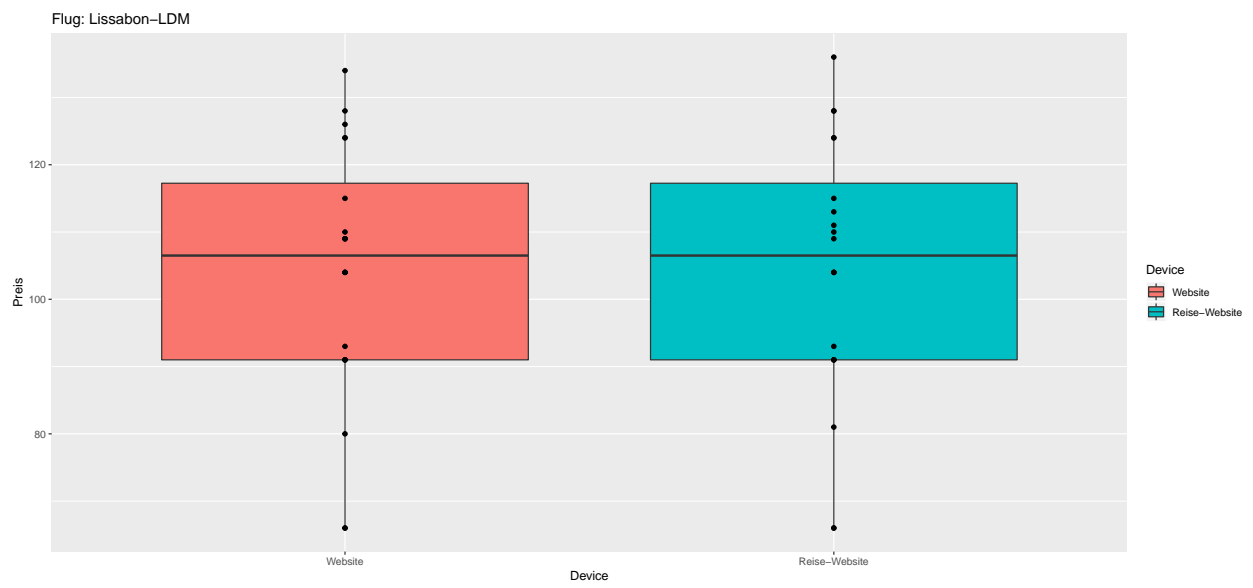
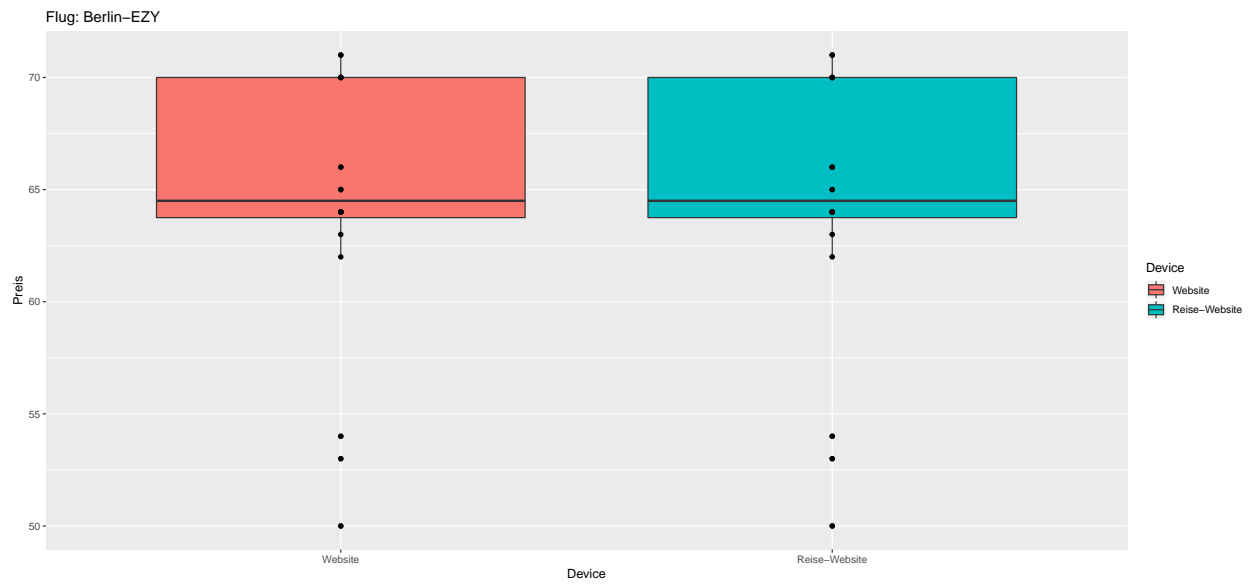
Box-Plot - Einzelflüge

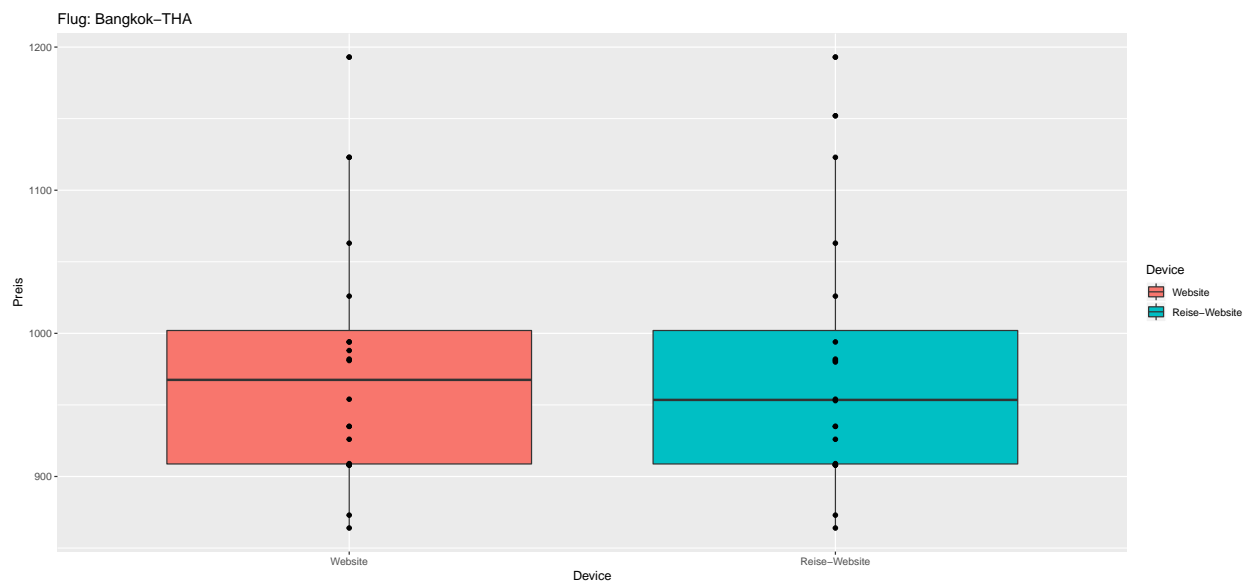
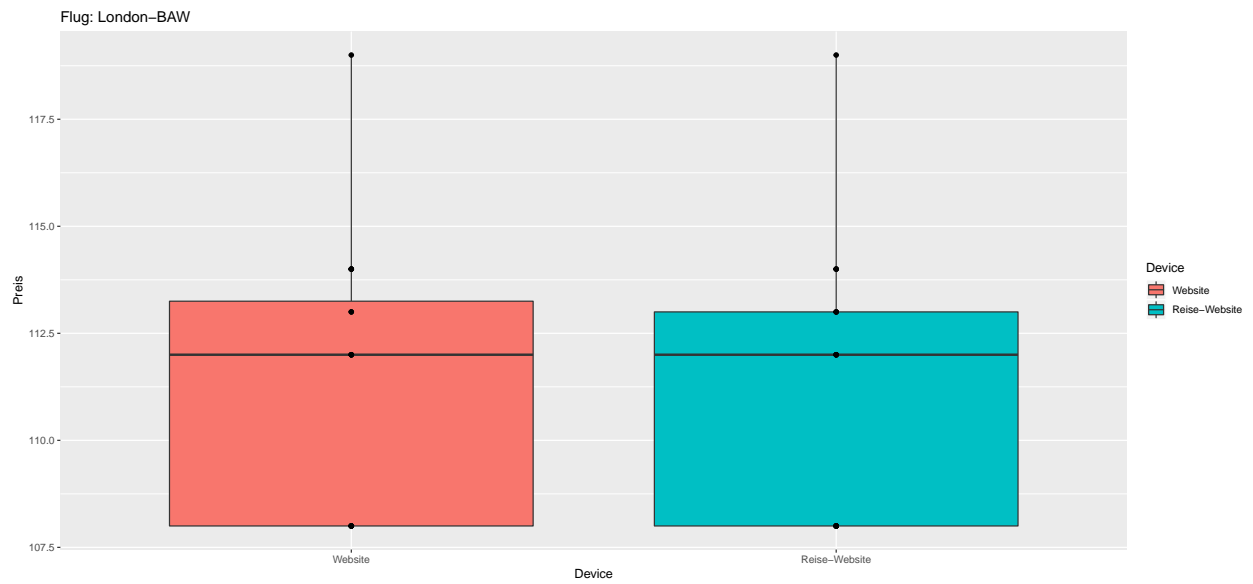


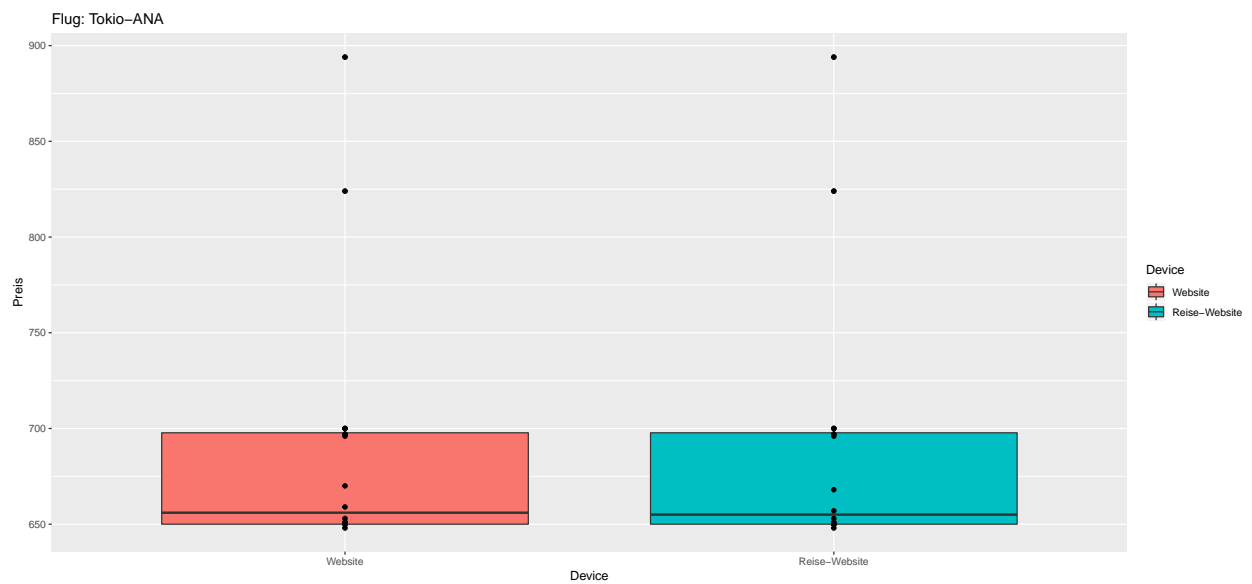
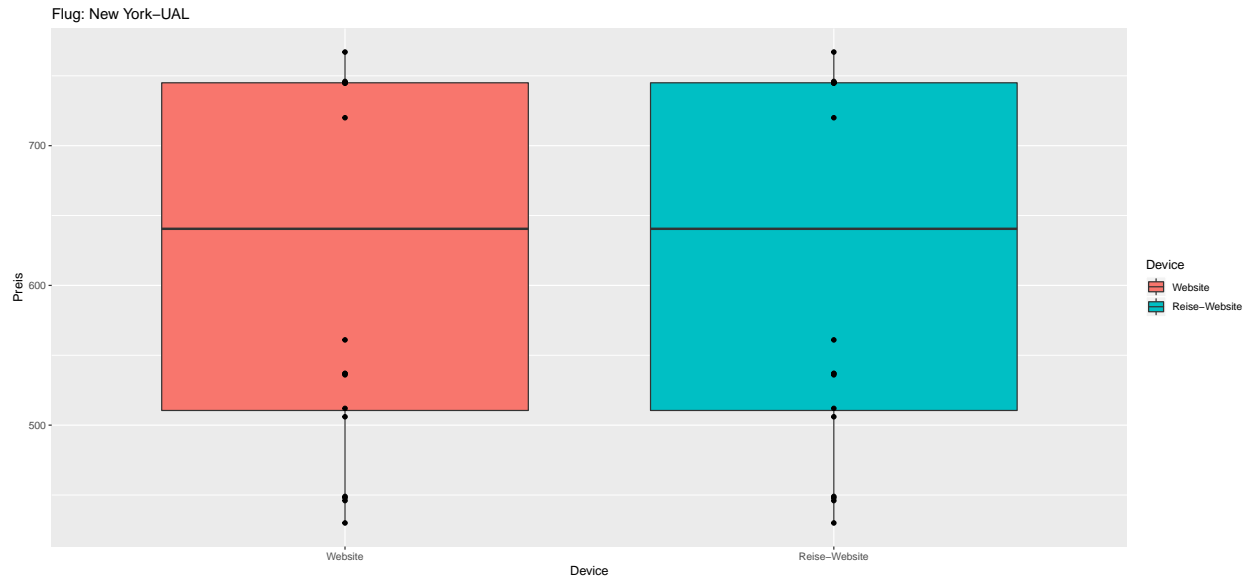












```
## $`Flug: Amsterdam-AUA`
```

```
##
```

```
## ANOVA
```

```
##
```

```
## ANOVA
```

```
##
```

```
## -----
```

	Sum of Squares	df	Mean Square	F	p
Device	0.00	1	0.00	1.18e-29	1.000
Residuals	9141.10	38	240.56		

```
## -----
```

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##
```

```
##
```

```
## ESTIMATED MARGINAL MEANS
```

```
##
```

```
## DEVICE
```

```
##
```



```

## Estimated Marginal Means - Device
## -----
##      Device      Mean    SE      Lower    Upper
## -----
##      Website      97.9    3.47     90.8     105
##      Reise-Website  97.9    3.47     90.8     105
## -----
##
##
## $`Flug: Berlin-AUA`
##
## ANOVA
##
## ANOVA
## -----
##              Sum of Squares    df    Mean Square    F          p
## -----
##      Device              0.00      1          0.00    1.26e-29    1.000
##      Residuals        6425.10     38         169.08
## -----
##
##
## ESTIMATED MARGINAL MEANS
##
## DEVICE
##
## Estimated Marginal Means - Device
## -----
##      Device      Mean    SE      Lower    Upper
## -----
##      Website      92.9    2.91     87.0     98.7
##      Reise-Website  92.9    2.91     87.0     98.7
## -----
##
##
## $`Flug: Lissabon-AUA`
##
## ANOVA
##
## ANOVA
## -----
##              Sum of Squares    df    Mean Square    F          p
## -----
##      Device              0.0250      1          0.0250    3.60e-4    0.985
##      Residuals        2636.7500     38         69.3882
## -----
##
##
## ESTIMATED MARGINAL MEANS
##
## DEVICE
##
## Estimated Marginal Means - Device
## -----

```

```

##      Device      Mean    SE      Lower    Upper
## -----
##      Website      257    1.86      253      260
##      Reise-Website 257    1.86      253      260
## -----
##
##
## $`Flug: London-AUA`
##
## ANOVA
##
## ANOVA
## -----
##              Sum of Squares    df      Mean Square    F          p
## -----
##      Device              0.0250      1          0.0250    1.70e-5    0.997
##      Residuals        55813.7500     38         1468.7829
## -----
##
##
## ESTIMATED MARGINAL MEANS
##
## DEVICE
##
## Estimated Marginal Means - Device
## -----
##      Device      Mean    SE      Lower    Upper
## -----
##      Website      144    8.57      127      161
##      Reise-Website 144    8.57      127      162
## -----
##
##
## $`Flug: Bangkok-AUA`
##
## ANOVA
##
## ANOVA
## -----
##              Sum of Squares    df      Mean Square    F          p
## -----
##      Device              6.40      1          6.40    9.83e-4    0.975
##      Residuals       247392.70     38         6510.33
## -----
##
##
## ESTIMATED MARGINAL MEANS
##
## DEVICE
##
## Estimated Marginal Means - Device
## -----
##      Device      Mean    SE      Lower    Upper
## -----

```

```

##      Website      800    18.0    763    836
##      Reise-Website  801    18.0    764    837
## -----
##
##
## $`Flug: New York-AUA`
##
## ANOVA
##
## ANOVA
## -----
##              Sum of Squares    df    Mean Square    F        p
## -----
##      Device              21.0      1          21.0    0.00187    0.966
##      Residuals        427247.8    38        11243.4
## -----
##
##
## ESTIMATED MARGINAL MEANS
##
## DEVICE
##
## Estimated Marginal Means - Device
## -----
##      Device      Mean    SE      Lower    Upper
## -----
##      Website      592    23.7      544      640
##      Reise-Website  593    23.7      545      641
## -----
##
##
## $`Flug: Tokio-AUA`
##
## ANOVA
##
## ANOVA
## -----
##              Sum of Squares    df    Mean Square    F        p
## -----
##      Device              99.2      1          99.2    0.00720    0.933
##      Residuals    523463.5    38        13775.4
## -----
##
##
## ESTIMATED MARGINAL MEANS
##
## DEVICE
##
## Estimated Marginal Means - Device
## -----
##      Device      Mean    SE      Lower    Upper
## -----
##      Website      848    26.2      795      901
##      Reise-Website  851    26.2      798      904

```

```

## -----
##
##
## $`Flug: Amsterdam-KLM`
##
## ANOVA
##
## ANOVA
## -----
##              Sum of Squares    df    Mean Square    F        p
## -----
## Device              2.50        1          2.50    0.00263    0.959
## Residuals          36184.60      38          952.23
## -----
##
##
## ESTIMATED MARGINAL MEANS
##
## DEVICE
##
## Estimated Marginal Means - Device
## -----
## Device      Mean    SE      Lower    Upper
## -----
## Website      145     6.90     131      159
## Reise-Website 144     6.90     130      158
## -----
##
##
## $`Flug: Berlin-EZY`
##
## ANOVA
##
## ANOVA
## -----
##              Sum of Squares    df    Mean Square    F        p
## -----
## Device              0.00        1          0.00    3.79e-29    1.000
## Residuals          1344.40      38          35.38
## -----
##
##
## ESTIMATED MARGINAL MEANS
##
## DEVICE
##
## Estimated Marginal Means - Device
## -----
## Device      Mean    SE      Lower    Upper
## -----
## Website      64.3     1.33     61.6     67.0
## Reise-Website 64.3     1.33     61.6     67.0
## -----
##
##

```

```

##
## $`Flug: Lissabon-LDM`
##
## ANOVA
##
## ANOVA
## -----
##              Sum of Squares    df    Mean Square    F        p
## -----
## Device              3.02        1          3.02    0.00798    0.929
## Residuals          14412.75      38          379.28
## -----
##
##
## ESTIMATED MARGINAL MEANS
##
## DEVICE
##
## Estimated Marginal Means - Device
## -----
## Device      Mean    SE      Lower    Upper
## -----
## Website      104     4.35     95.1     113
## Reise-Website 104     4.35     95.6     113
## -----
##
##
## $`Flug: London-BAW`
##
## ANOVA
##
## ANOVA
## -----
##              Sum of Squares    df    Mean Square    F        p
## -----
## Device              0.0250        1          0.0250    0.00262    0.959
## Residuals          362.9500      38          9.5513
## -----
##
##
## ESTIMATED MARGINAL MEANS
##
## DEVICE
##
## Estimated Marginal Means - Device
## -----
## Device      Mean    SE      Lower    Upper
## -----
## Website      111     0.691     110     113
## Reise-Website 111     0.691     110     113
## -----
##
##
## $`Flug: Bangkok-THA`

```

```

##
## ANOVA
##
## ANOVA
## -----
##              Sum of Squares    df    Mean Square    F          p
## -----
## Device              10.0        1          10.0    0.00124    0.972
## Residuals          307287.1     38          8086.5
## -----
##
##
## ESTIMATED MARGINAL MEANS
##
## DEVICE
##
## Estimated Marginal Means - Device
## -----
## Device      Mean    SE      Lower    Upper
## -----
## Website      979    20.1     939     1020
## Reise-Website 978    20.1     938     1019
## -----
##
##
## $`Flug: New York-UAL`
##
## ANOVA
##
## ANOVA
## -----
##              Sum of Squares    df    Mean Square    F          p
## -----
## Device              0.00        1          0.00    4.64e-30    1.000
## Residuals          662062.00     38          17422.68
## -----
##
##
## ESTIMATED MARGINAL MEANS
##
## DEVICE
##
## Estimated Marginal Means - Device
## -----
## Device      Mean    SE      Lower    Upper
## -----
## Website      620    29.5     561     680
## Reise-Website 620    29.5     561     680
## -----
##
##
## $`Flug: Tokio-ANA`
##
## ANOVA

```

```

##
## ANOVA
## -----
##           Sum of Squares    df    Mean Square    F          p
## -----
##   Device           0.625      1         0.625    1.54e-4    0.990
##   Residuals      154038.150    38       4053.636
## -----
##
##
## ESTIMATED MARGINAL MEANS
##
## DEVICE
##
## Estimated Marginal Means - Device
## -----
##   Device      Mean    SE      Lower    Upper
## -----
##   Website      687    14.2      658      716
##   Reise-Website  687    14.2      658      716
## -----

```