

Hypothese 6

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Deskriptive Statistik - Einzelflüge

```
## $`Flug: Amsterdam-AUA`
##
## DESCRIPTIVES
##
## Descriptives
## -----
##               Preis      Cookies
## -----
##      N              40          40
##      Missing          0           0
##      Mean            97.8
##      Median           88.0
##      Standard deviation 15.3
##      Minimum          87.0
##      Maximum          141
## -----
##
##
## $`Flug: Berlin-AUA`
##
## DESCRIPTIVES
##
## Descriptives
## -----
##               Preis      Cookies
## -----
##      N              40          40
##      Missing          0           0
##      Mean            92.8
##      Median           88.0
##      Standard deviation 12.8
##      Minimum          87.0
##      Maximum          123
## -----
##
##
## $`Flug: Lissabon-AUA`
##
## DESCRIPTIVES
##
## Descriptives
## -----
##               Preis      Cookies
## -----
##      N              40          40
```

```

##      Missing              0          0
##      Mean                257
##      Median              253
##      Standard deviation   8.16
##      Minimum             252
##      Maximum             273
## -----
##
##
## $`Flug: London-AUA`
##
## DESCRIPTIVES
##
## Descriptives
## -----
##              Preis      Cookies
## -----
##      N              40        40
##      Missing         0         0
##      Mean           144
##      Median          150
##      Standard deviation 37.8
##      Minimum         105
##      Maximum         204
## -----
##
##
## $`Flug: Bangkok-AUA`
##
## DESCRIPTIVES
##
## Descriptives
## -----
##              Preis      Cookies
## -----
##      N              40        40
##      Missing         0         0
##      Mean           797
##      Median          810
##      Standard deviation 81.4
##      Minimum         666
##      Maximum         932
## -----
##
##
## $`Flug: New York-AUA`
##
## DESCRIPTIVES
##
## Descriptives
## -----
##              Preis      Cookies
## -----
##      N              40        40

```

```

##      Missing              0          0
##      Mean                592
##      Median              553
##      Standard deviation   104
##      Minimum             473
##      Maximum             738
## -----
##
##
## $`Flug: Tokio-AUA`
##
## DESCRIPTIVES
##
## Descriptives
## -----
##              Preis      Cookies
## -----
##      N              40        40
##      Missing         0         0
##      Mean            848
##      Median           823
##      Standard deviation 110
##      Minimum          747
##      Maximum         1169
## -----
##
##
## $`Flug: Amsterdam-KLM`
##
## DESCRIPTIVES
##
## Descriptives
## -----
##              Preis      Cookies
## -----
##      N              40        40
##      Missing         0         0
##      Mean            145
##      Median           158
##      Standard deviation 30.3
##      Minimum          99.0
##      Maximum          180
## -----
##
##
## $`Flug: Berlin-EZY`
##
## DESCRIPTIVES
##
## Descriptives
## -----
##              Preis      Cookies
## -----
##      N              40        40

```

```

##      Missing                0          0
##      Mean                  64.3
##      Median                 64.5
##      Standard deviation     5.87
##      Minimum                50.0
##      Maximum                71.0
## -----
##
##
## $`Flug: Lissabon-LDM`
##
## DESCRIPTIVES
##
## Descriptives
## -----
##              Preis      Cookies
## -----
##      N              40        40
##      Missing         0         0
##      Mean            104
##      Median           106
##      Standard deviation 19.3
##      Minimum          66.0
##      Maximum          136
## -----
##
##
## $`Flug: London-BAW`
##
## DESCRIPTIVES
##
## Descriptives
## -----
##              Preis      Cookies
## -----
##      N              40        40
##      Missing         0         0
##      Mean            111
##      Median           112
##      Standard deviation 3.07
##      Minimum          108
##      Maximum          119
## -----
##
##
## $`Flug: Bangkok-THA`
##
## DESCRIPTIVES
##
## Descriptives
## -----
##              Preis      Cookies
## -----
##      N              40        40

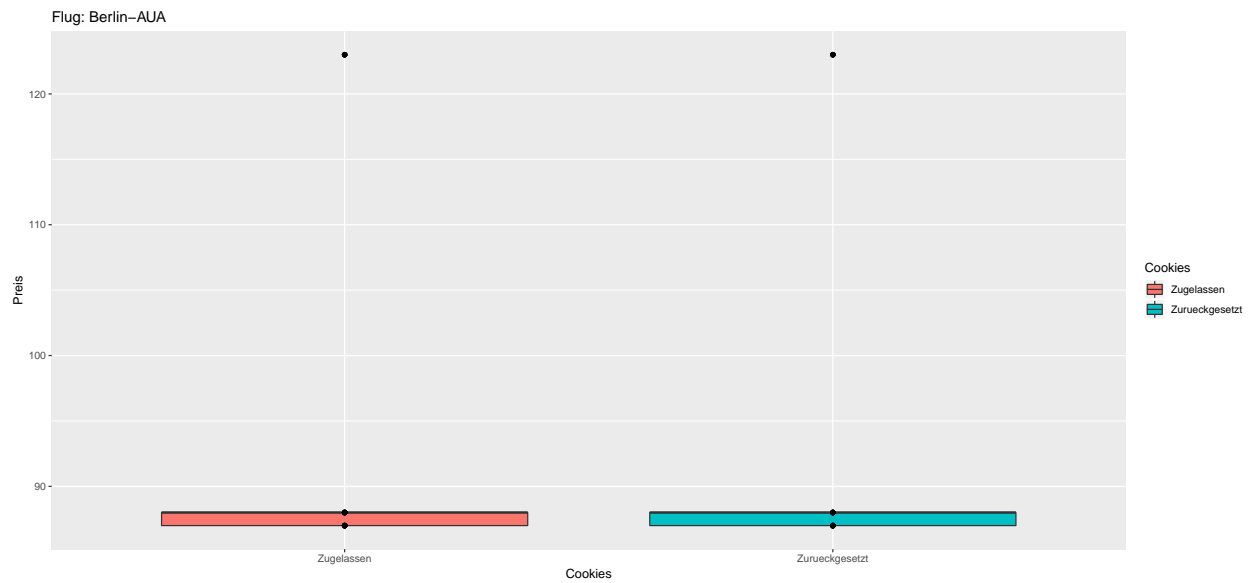
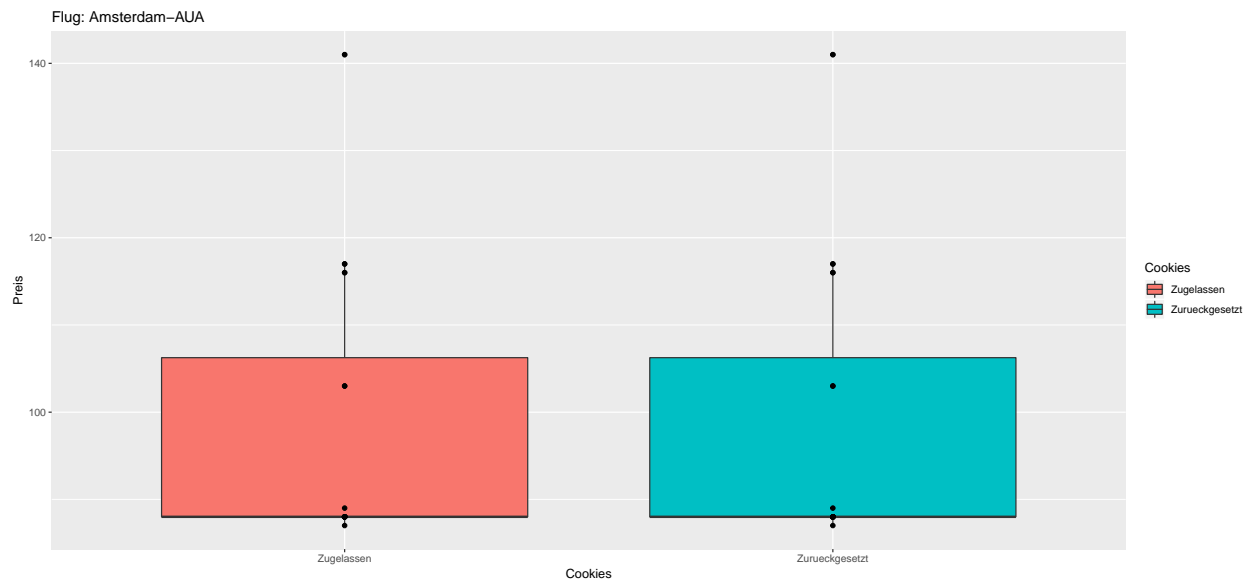
```

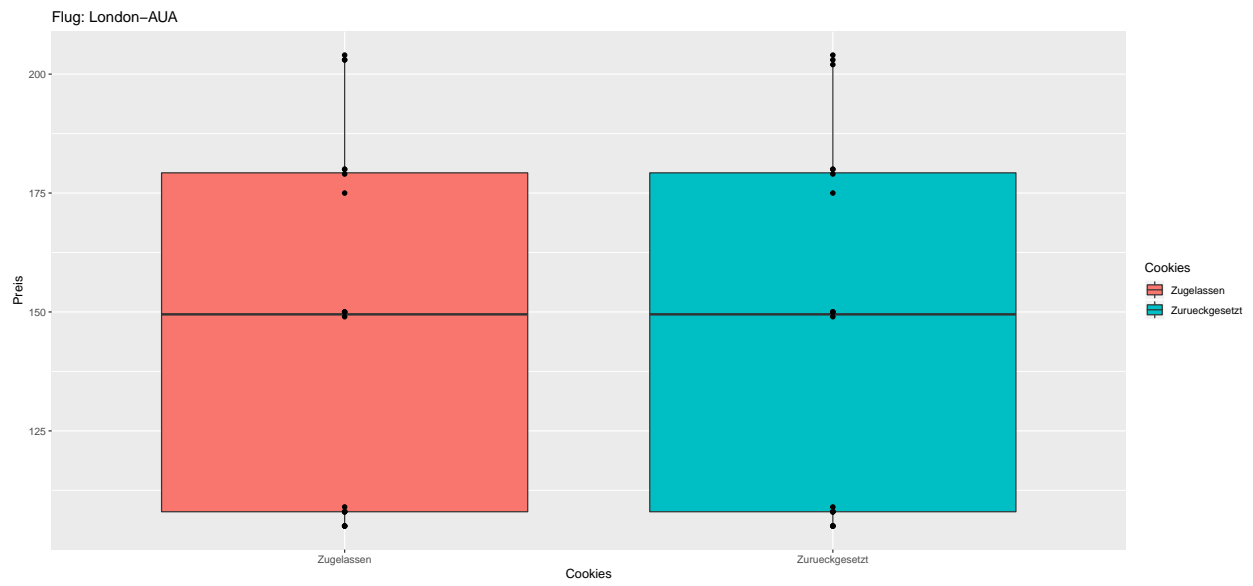
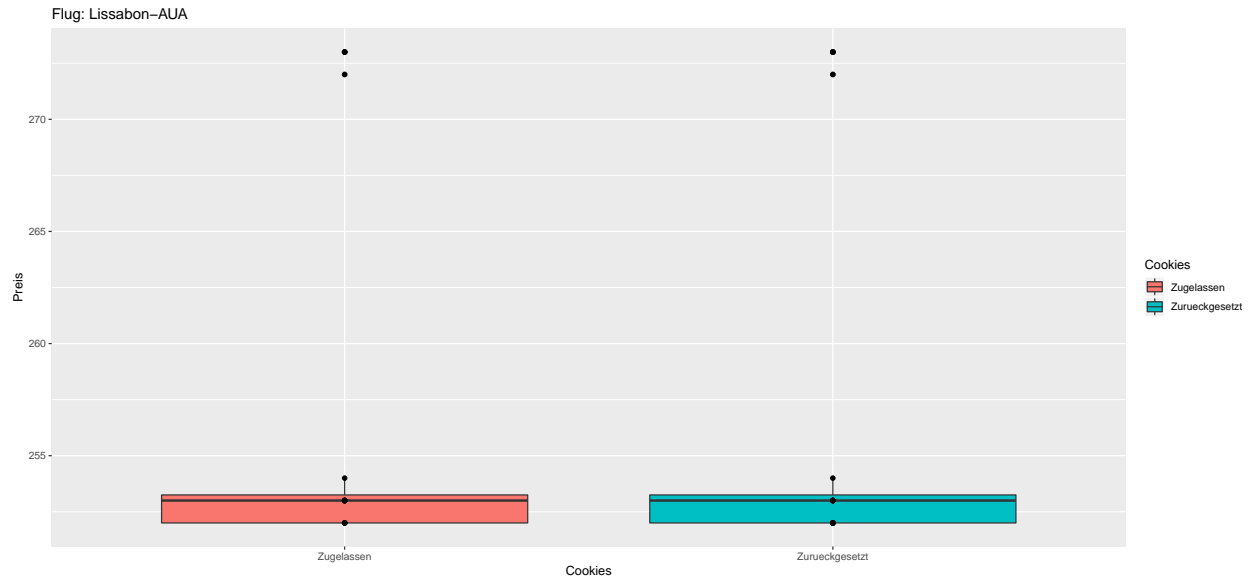
```

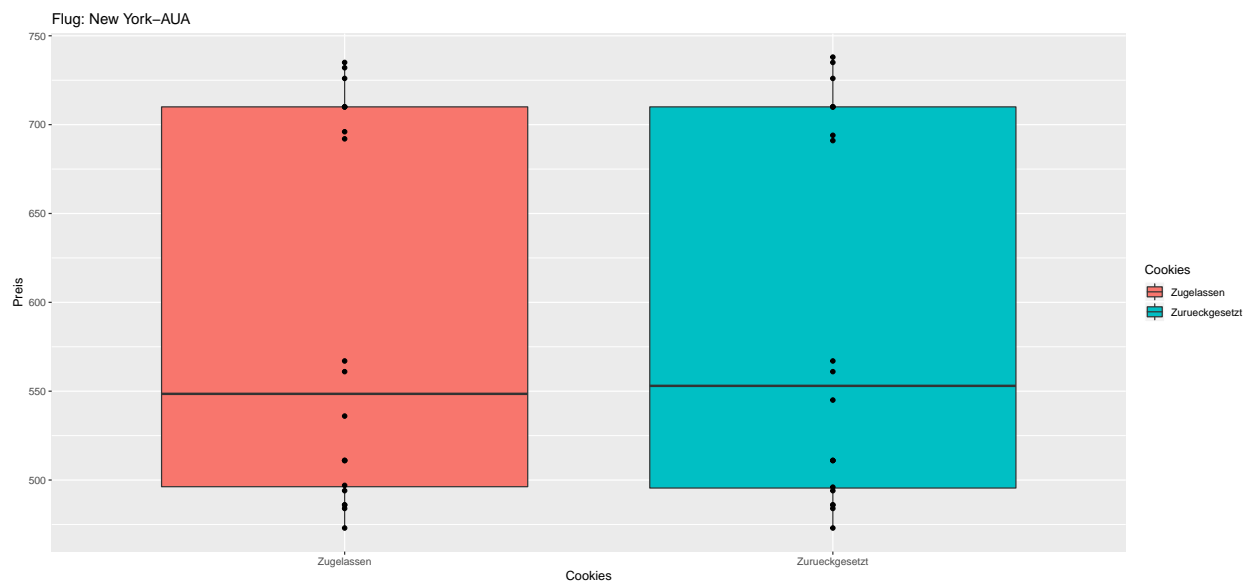
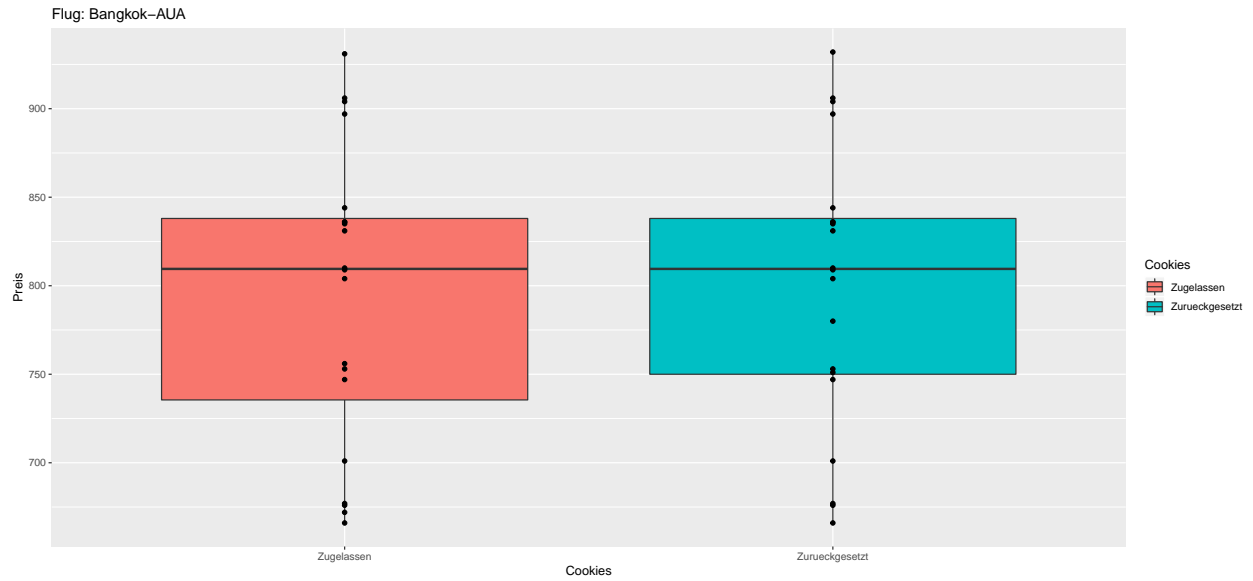
##      Missing          0          0
##      Mean            980
##      Median          968
##      Standard deviation 86.6
##      Minimum         864
##      Maximum        1193
## -----
##
##
## $`Flug: New York-UAL`
##
## DESCRIPTIVES
##
## Descriptives
## -----
##              Preis      Cookies
## -----
##      N              40        40
##      Missing         0         0
##      Mean           620
##      Median          640
##      Standard deviation 130
##      Minimum         430
##      Maximum         767
## -----
##
##
## $`Flug: Tokio-ANA`
##
## DESCRIPTIVES
##
## Descriptives
## -----
##              Preis      Cookies
## -----
##      N              40        40
##      Missing         0         0
##      Mean           687
##      Median          656
##      Standard deviation 62.8
##      Minimum         647
##      Maximum         894
## -----

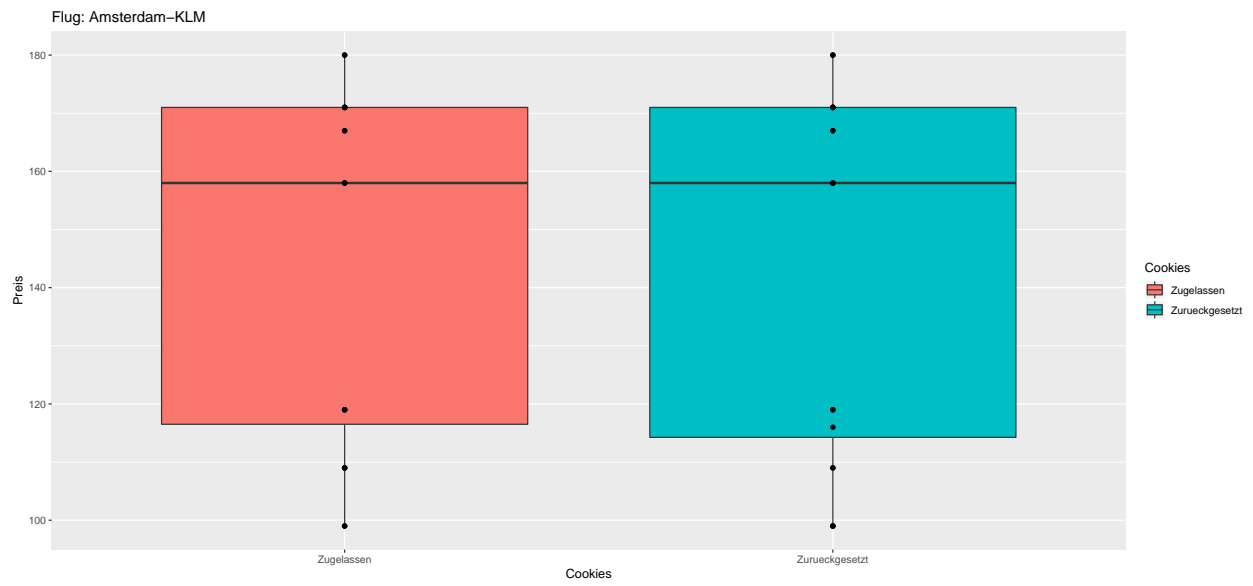
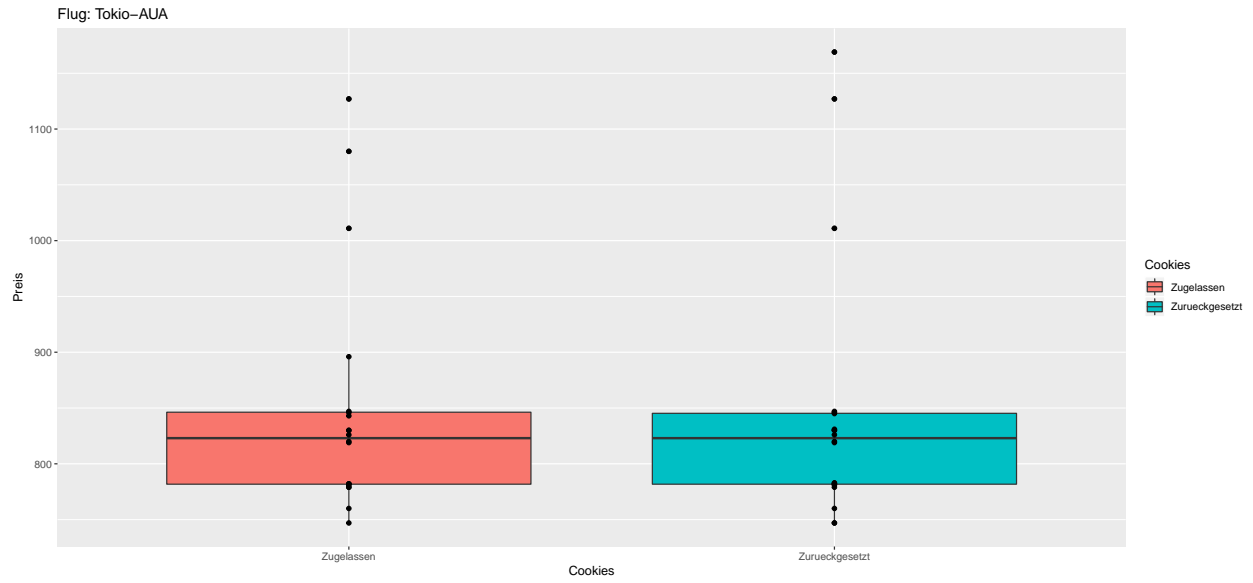
```

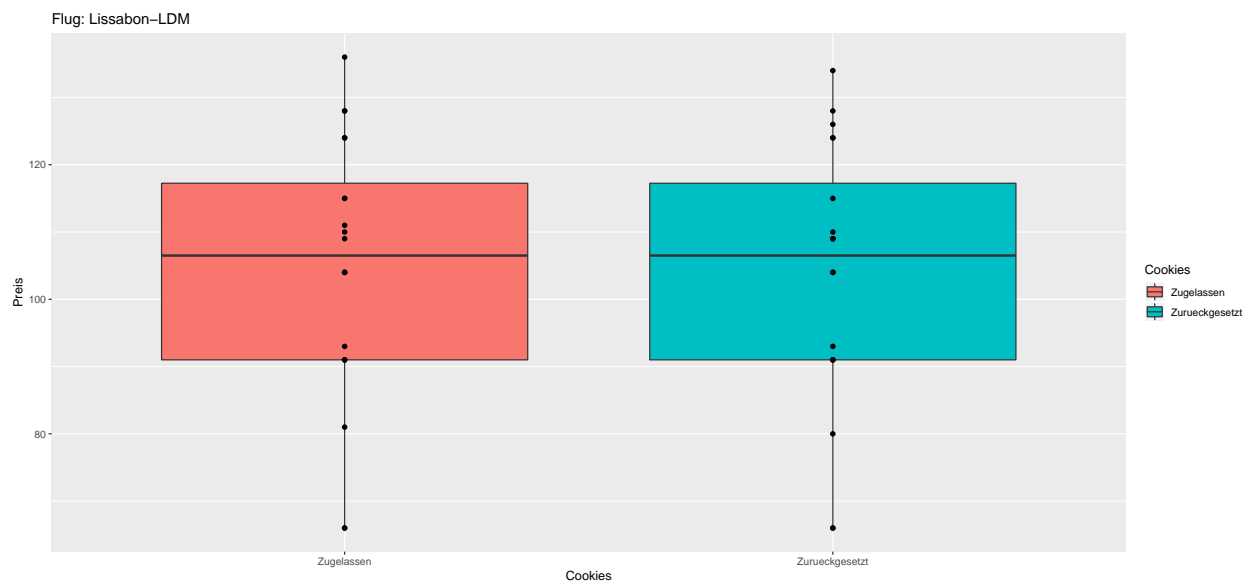
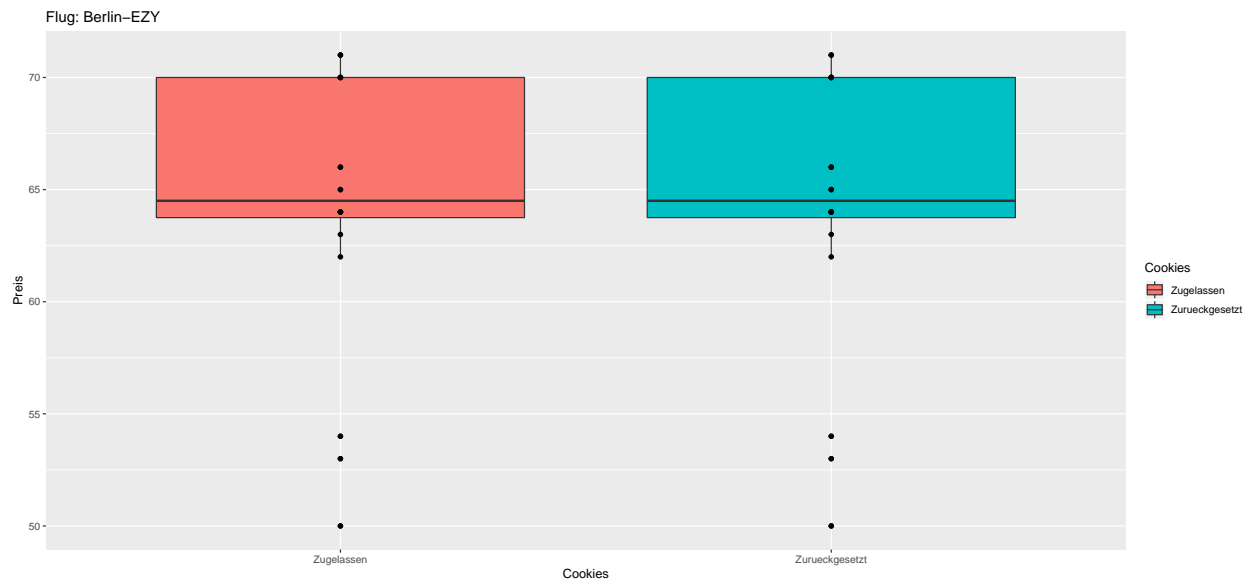
Box-Plot - Einzelflüge

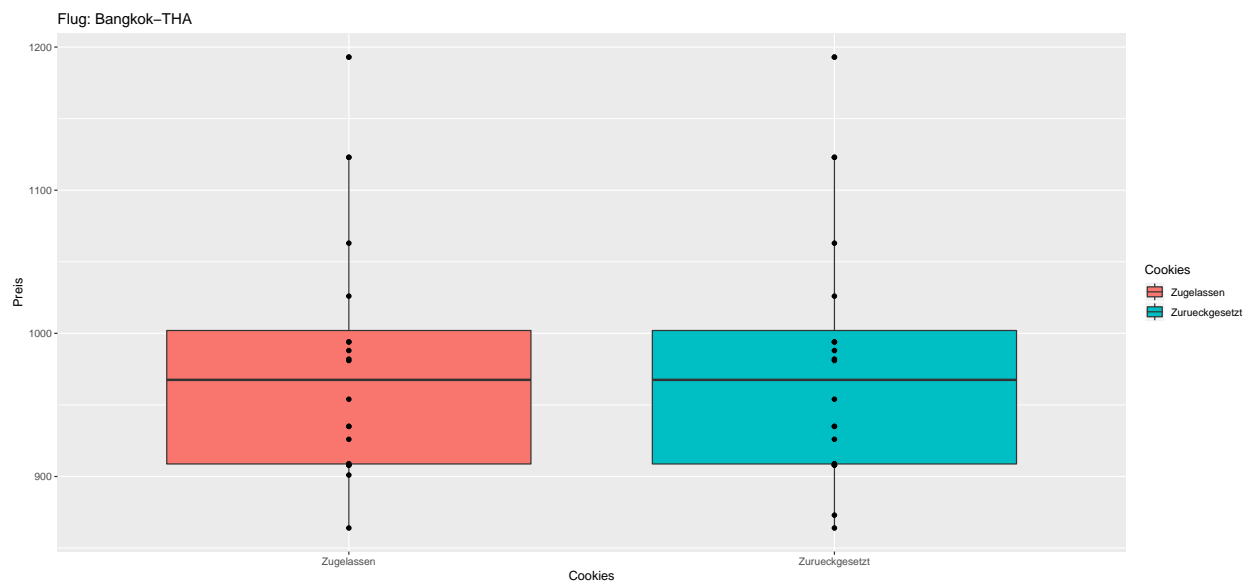
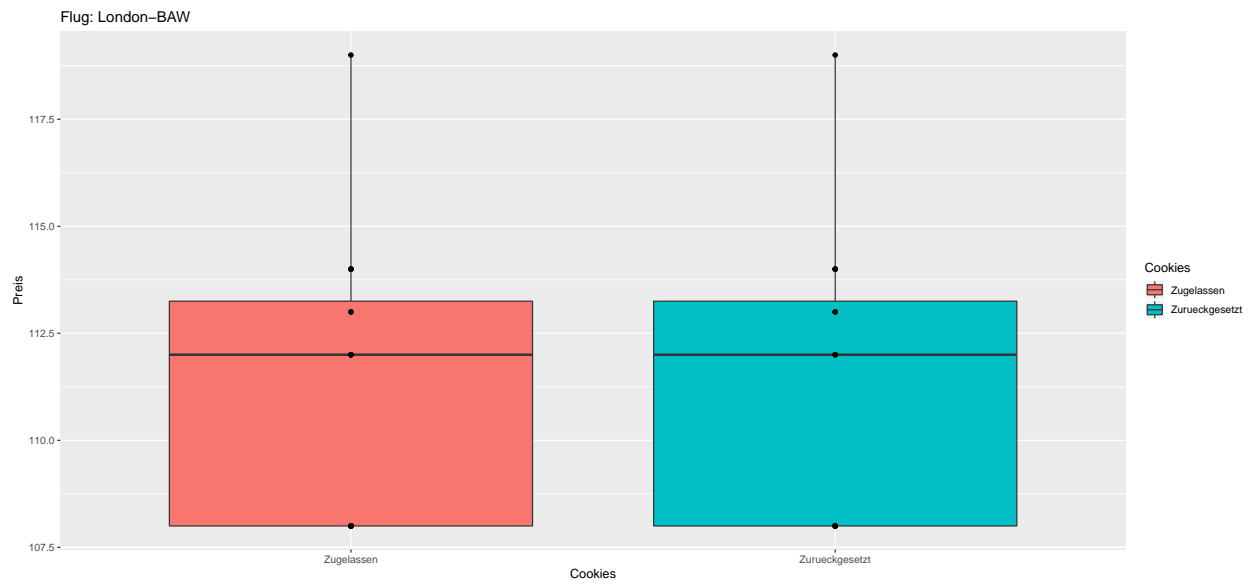


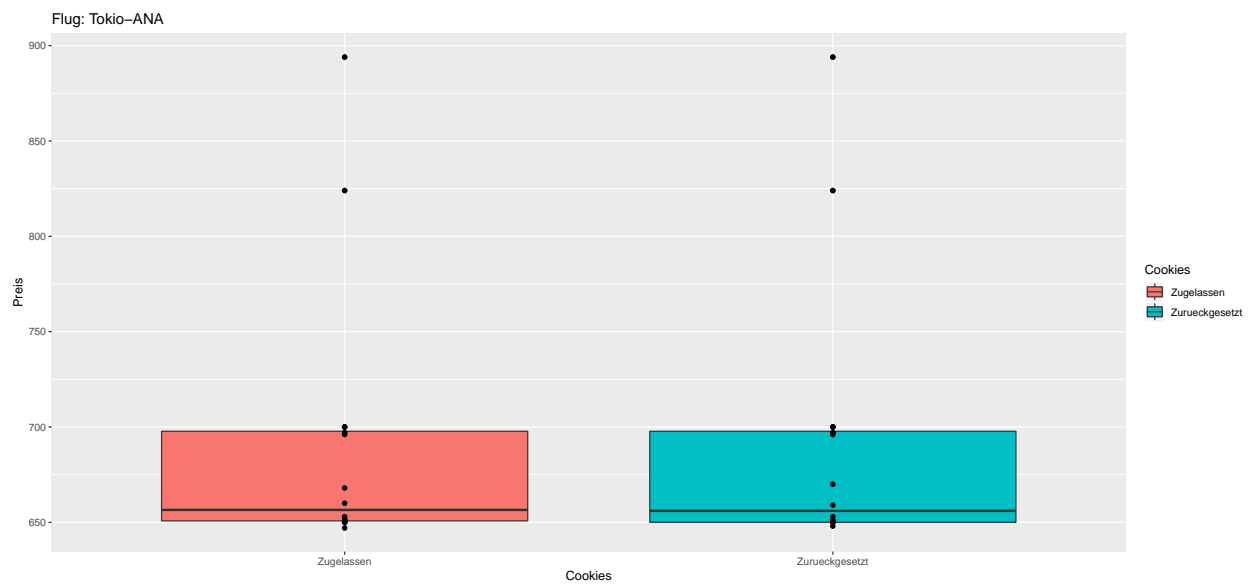
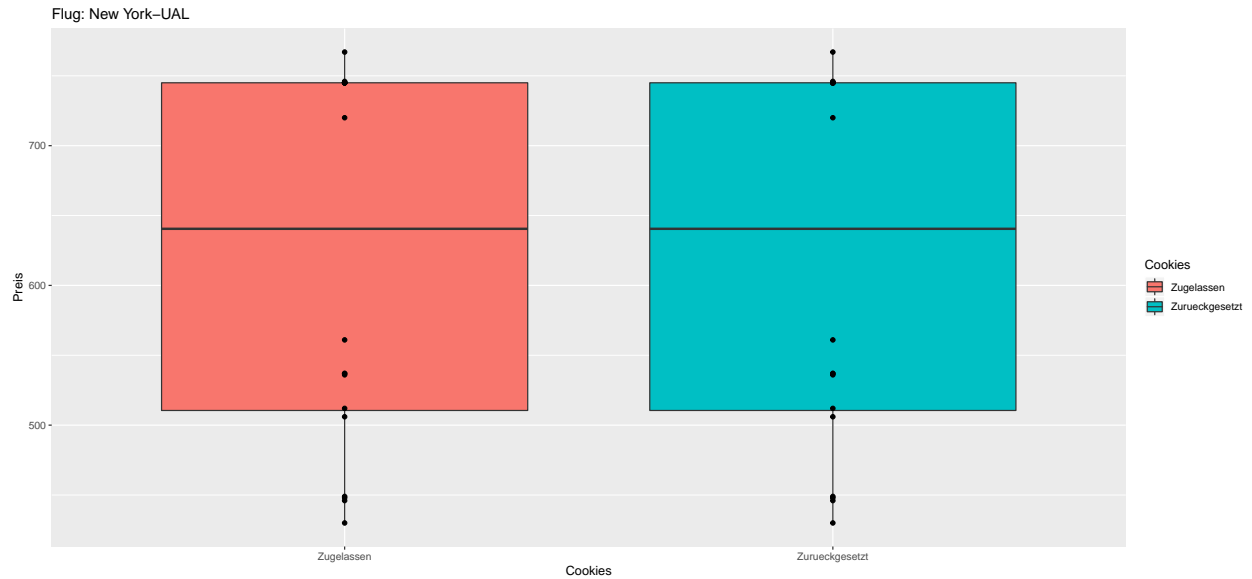












ANOVA

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

```
##
```

```
## ANOVA
```

```
##
```

```
## ANOVA
```

```
##
```

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

	Sum of Squares	df	Mean Square	F	p	<U+03B7> ² p
Cookies	0.00	1	0.00	1.18e-29	1.000	0.000
Residuals	9141.10	38	240.56			

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

```
##
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```
##
```

```
## ESTIMATED MARGINAL MEANS
```

```

##
## COOKIES
##
## Estimated Marginal Means - Cookies
## -----
##      Cookies      Mean    SE      Lower    Upper
## -----
##      Zugelassen    97.9    3.47     90.8     105
##      Zurueckgesetzt 97.9    3.47     90.8     105
## -----
##
##
## $`Flug: Berlin-AUA`
##
## ANOVA
##
## ANOVA
## -----
##              Sum of Squares    df    Mean Square    F          p          <U+03B7>2p
## -----
##      Cookies              0.00      1          0.00    1.26e-29    1.000    0.000
##      Residuals          6425.10     38          169.08
## -----
##
##
## ESTIMATED MARGINAL MEANS
##
## COOKIES
##
## Estimated Marginal Means - Cookies
## -----
##      Cookies      Mean    SE      Lower    Upper
## -----
##      Zugelassen    92.9    2.91     87.0     98.7
##      Zurueckgesetzt 92.9    2.91     87.0     98.7
## -----
##
##
## $`Flug: Lissabon-AUA`
##
## ANOVA
##
## ANOVA
## -----
##              Sum of Squares    df    Mean Square    F          p          <U+03B7>2p
## -----
##      Cookies              0.0250      1          0.0250    3.66e-4    0.985    0.000
##      Residuals          2596.7500     38          68.3355
## -----
##
##
## ESTIMATED MARGINAL MEANS
##
## COOKIES

```

```

##
## Estimated Marginal Means - Cookies
## -----
##      Cookies      Mean    SE      Lower    Upper
## -----
##      Zugelassen      257    1.85      253      260
##      Zurueckgesetzt    257    1.85      253      260
## -----
##
##
## $`Flug: London-AUA`
##
## ANOVA
##
## ANOVA
## -----
##              Sum of Squares    df    Mean Square    F          p          <U+03B7>²p
## -----
##      Cookies              0.0250     1          0.0250    1.70e-5    0.997    0.000
##      Residuals          55813.7500    38          1468.7829
## -----
##
##
## ESTIMATED MARGINAL MEANS
##
## COOKIES
##
## Estimated Marginal Means - Cookies
## -----
##      Cookies      Mean    SE      Lower    Upper
## -----
##      Zugelassen      144    8.57      127      162
##      Zurueckgesetzt    144    8.57      127      161
## -----
##
##
## $`Flug: Bangkok-AUA`
##
## ANOVA
##
## ANOVA
## -----
##              Sum of Squares    df    Mean Square    F          p          <U+03B7>²p
## -----
##      Cookies              270     1          270    0.0398    0.843    0.001
##      Residuals          258415    38          6800
## -----
##
##
## ESTIMATED MARGINAL MEANS
##
## COOKIES
##
## Estimated Marginal Means - Cookies

```

```

## -----
##      Cookies      Mean    SE      Lower    Upper
## -----
##      Zugelassen      795    18.4      757      832
##      Zurueckgesetzt    800    18.4      762      837
## -----
##
##
## $`Flug: New York-AUA`
##
## ANOVA
##
## ANOVA
## -----
##              Sum of Squares    df    Mean Square    F          p          <U+03B7>²p
## -----
##      Cookies              3.03      1          3.03    2.71e-4    0.987    0.000
##      Residuals        424209.75    38        11163.41
## -----
##
##
## ESTIMATED MARGINAL MEANS
##
## COOKIES
##
## Estimated Marginal Means - Cookies
## -----
##      Cookies      Mean    SE      Lower    Upper
## -----
##      Zugelassen      591    23.6      544      639
##      Zurueckgesetzt    592    23.6      544      640
## -----
##
##
## $`Flug: Tokio-AUA`
##
## ANOVA
##
## ANOVA
## -----
##              Sum of Squares    df    Mean Square    F          p          <U+03B7>²p
## -----
##      Cookies              0.625      1          0.625    5.06e-5    0.994    0.000
##      Residuals    469190.350    38        12347.114
## -----
##
##
## ESTIMATED MARGINAL MEANS
##
## COOKIES
##
## Estimated Marginal Means - Cookies
## -----
##      Cookies      Mean    SE      Lower    Upper

```

```

## -----
##   Zugelassen      848   24.8   798   899
##   Zurueckgesetzt  848   24.8   798   898
## -----
##
##
## $`Flug: Amsterdam-KLM`
##
## ANOVA
##
## ANOVA
## -----
##               Sum of Squares    df    Mean Square    F          p          <U+03B7>²p
## -----
##   Cookies              4.22      1          4.22    0.00447    0.947    0.000
##   Residuals          35886.55    38          944.38
## -----
##
##
## ESTIMATED MARGINAL MEANS
##
## COOKIES
##
## Estimated Marginal Means - Cookies
## -----
##   Cookies      Mean    SE      Lower    Upper
## -----
##   Zugelassen    145    6.87    131     159
##   Zurueckgesetzt 145    6.87    131     159
## -----
##
##
## $`Flug: Berlin-EZY`
##
## ANOVA
##
## ANOVA
## -----
##               Sum of Squares    df    Mean Square    F          p          <U+03B7>²p
## -----
##   Cookies              0.00      1          0.00    3.79e-29    1.000    0.000
##   Residuals          1344.40    38          35.38
## -----
##
##
## ESTIMATED MARGINAL MEANS
##
## COOKIES
##
## Estimated Marginal Means - Cookies
## -----
##   Cookies      Mean    SE      Lower    Upper
## -----
##   Zugelassen    64.3    1.33    61.6    67.0

```



```

##      Zurueckgesetzt      64.3      1.33      61.6      67.0
## -----
##
##
## $`Flug: Lissabon-LDM`
##
## ANOVA
##
## ANOVA
## -----
##              Sum of Squares      df      Mean Square      F              p      <U+03B7>²p
## -----
##      Cookies              4.23       1              4.23      0.0111      0.917      0.000
##      Residuals          14450.75      38              380.28
## -----
##
##
## ESTIMATED MARGINAL MEANS
##
## COOKIES
##
## Estimated Marginal Means - Cookies
## -----
##      Cookies      Mean      SE      Lower      Upper
## -----
##      Zugelassen      105      4.36      95.7      113
##      Zurueckgesetzt      104      4.36      95.1      113
## -----
##
##
## $`Flug: London-BAW`
##
## ANOVA
##
## ANOVA
## -----
##              Sum of Squares      df      Mean Square      F              p      <U+03B7>²p
## -----
##      Cookies              0.00       1              0.00      6.51e-29      1.000      0.000
##      Residuals          367.50      38              9.67
## -----
##
##
## ESTIMATED MARGINAL MEANS
##
## COOKIES
##
## Estimated Marginal Means - Cookies
## -----
##      Cookies      Mean      SE      Lower      Upper
## -----
##      Zugelassen      111      0.695      110      113
##      Zurueckgesetzt      111      0.695      110      113
## -----

```

```

##
##
## $`Flug: Bangkok-THA`
##
## ANOVA
##
## ANOVA
## -----
##              Sum of Squares    df    Mean Square    F          p          <U+03B7>²p
## -----
##      Cookies              19.6      1          19.6    0.00255    0.960    0.000
##      Residuals          292518.3    38          7697.9
## -----
##
##
## ESTIMATED MARGINAL MEANS
##
## COOKIES
##
## Estimated Marginal Means - Cookies
## -----
##      Cookies      Mean    SE      Lower    Upper
## -----
##      Zugelassen      981    19.6     941     1020
##      Zurueckgesetzt  979    19.6     940     1019
## -----
##
##
## $`Flug: New York-UAL`
##
## ANOVA
##
## ANOVA
## -----
##              Sum of Squares    df    Mean Square    F          p          <U+03B7>²p
## -----
##      Cookies              0.00      1          0.00    4.64e-30    1.000    0.000
##      Residuals        662062.00    38        17422.68
## -----
##
##
## ESTIMATED MARGINAL MEANS
##
## COOKIES
##
## Estimated Marginal Means - Cookies
## -----
##      Cookies      Mean    SE      Lower    Upper
## -----
##      Zugelassen      620    29.5     561     680
##      Zurueckgesetzt  620    29.5     561     680
## -----
##
##

```

```
## $`Flug: Tokio-ANA`
##
## ANOVA
##
## ANOVA
## -----
##              Sum of Squares    df    Mean Square    F          p          <U+03B7>²p
## -----
##   Cookies              0.00      1          0.00    1.30e-29    1.000    0.000
##   Residuals          153729.90    38          4045.52
## -----
##
##
## ESTIMATED MARGINAL MEANS
##
## COOKIES
##
## Estimated Marginal Means - Cookies
## -----
##   Cookies      Mean    SE    Lower    Upper
## -----
##   Zugelassen      687   14.2    658    716
##   Zurueckgesetzt  687   14.2    658    716
## -----
```