

Hypothese6

Silas Nöttling

19.4.2020

Deskriptive Statistik - Einzelflüge

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

```
##
```

```
## DESCRIPTIVES
```

```
##
```

```
## Descriptives
```

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

```
##               Preis      IP_Adresse
```

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

```
##      N                560            560
```

```
##      Missing              0              0
```

```
##      Mean                532
```

```
##      Median              252
```

```
##      Standard deviation   573
```

```
##      Minimum             48.0
```

```
##      Maximum            3343
```

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

```
##
```

```
##
```

```
## FREQUENCIES
```

```
##
```

```
## Frequencies of IP_Adresse
```

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

```
##      Levels      Counts      % of Total      Cumulative %
```

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

```
##      Sichtbar      280          50.0          50.0
```

```
##      Verborgen     280          50.0          100.0
```

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

```
##
```

```
##
```

```
## $`Flug: Berlin-AUA`
```

```
##
```

```
## DESCRIPTIVES
```

```
##
```

```
## Descriptives
```

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

```
##               Preis      IP_Adresse
```

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

```
##      N                560            560
```

```
##      Missing              0              0
```

```
##      Mean                532
```

```
##      Median              252
```

```
##      Standard deviation   573
```

```
##      Minimum             48.0
```

```
##      Maximum            3343
```

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

```

##
##
## FREQUENCIES
##
## Frequencies of IP_Adresse
## -----
##      Levels      Counts    % of Total    Cumulative %
## -----
##      Sichtbar      280        50.0        50.0
##      Verborgen      280        50.0        100.0
## -----
##
##
## $`Flug: Lissabon-AUA`
##
## DESCRIPTIVES
##
## Descriptives
## -----
##                               Preis    IP_Adresse
## -----
##      N                               560        560
##      Missing                          0         0
##      Mean                             532
##      Median                           252
##      Standard deviation                573
##      Minimum                          48.0
##      Maximum                         3343
## -----
##
##
## FREQUENCIES
##
## Frequencies of IP_Adresse
## -----
##      Levels      Counts    % of Total    Cumulative %
## -----
##      Sichtbar      280        50.0        50.0
##      Verborgen      280        50.0        100.0
## -----
##
##
## $`Flug: London-AUA`
##
## DESCRIPTIVES
##
## Descriptives
## -----
##                               Preis    IP_Adresse
## -----
##      N                               560        560
##      Missing                          0         0
##      Mean                             532
##      Median                           252

```

```

##      Standard deviation      573
##      Minimum                48.0
##      Maximum                3343
## -----
##
##
## FREQUENCIES
##
## Frequencies of IP_Adresse
## -----
##      Levels      Counts      % of Total      Cumulative %
## -----
##      Sichtbar      280          50.0          50.0
##      Verborgen      280          50.0          100.0
## -----
##
##
## $`Flug: Bangkok-AUA`
##
## DESCRIPTIVES
##
## Descriptives
## -----
##
##              Preis      IP_Adresse
## -----
##      N              560          560
##      Missing          0           0
##      Mean            532
##      Median          252
##      Standard deviation  573
##      Minimum          48.0
##      Maximum          3343
## -----
##
##
##
## FREQUENCIES
##
## Frequencies of IP_Adresse
## -----
##      Levels      Counts      % of Total      Cumulative %
## -----
##      Sichtbar      280          50.0          50.0
##      Verborgen      280          50.0          100.0
## -----
##
##
## $`Flug: New York-AUA`
##
## DESCRIPTIVES
##
## Descriptives
## -----
##
##              Preis      IP_Adresse
## -----

```

```

##      N                560                560
##      Missing              0                0
##      Mean                532
##      Median              252
##      Standard deviation   573
##      Minimum             48.0
##      Maximum             3343
##      -----
##
##
##      FREQUENCIES
##
##      Frequencies of IP_Adresse
##      -----
##      Levels      Counts      % of Total      Cumulative %
##      -----
##      Sichtbar      280          50.0          50.0
##      Verborgen     280          50.0          100.0
##      -----
##
##
##      $`Flug: Tokio-AUA`
##
##      DESCRIPTIVES
##
##      Descriptives
##      -----
##
##
##      Preis      IP_Adresse
##      -----
##      N                560                560
##      Missing              0                0
##      Mean                532
##      Median              252
##      Standard deviation   573
##      Minimum             48.0
##      Maximum             3343
##      -----
##
##
##
##      FREQUENCIES
##
##      Frequencies of IP_Adresse
##      -----
##      Levels      Counts      % of Total      Cumulative %
##      -----
##      Sichtbar      280          50.0          50.0
##      Verborgen     280          50.0          100.0
##      -----
##
##
##
##      $`Flug: Amsterdam-KLM`
##
##      DESCRIPTIVES
##

```

```

## Descriptives
## -----
##               Preis      IP_Adresse
## -----
##      N                560          560
##      Missing           0            0
##      Mean              532
##      Median            252
##      Standard deviation  573
##      Minimum           48.0
##      Maximum           3343
## -----
##
##
## FREQUENCIES
##
## Frequencies of IP_Adresse
## -----
##      Levels      Counts      % of Total      Cumulative %
## -----
##      Sichtbar      280          50.0          50.0
##      Verborgen     280          50.0          100.0
## -----
##
##
## $`Flug: Berlin-EZY`
##
## DESCRIPTIVES
##
## Descriptives
## -----
##               Preis      IP_Adresse
## -----
##      N                560          560
##      Missing           0            0
##      Mean              532
##      Median            252
##      Standard deviation  573
##      Minimum           48.0
##      Maximum           3343
## -----
##
##
##
## FREQUENCIES
##
## Frequencies of IP_Adresse
## -----
##      Levels      Counts      % of Total      Cumulative %
## -----
##      Sichtbar      280          50.0          50.0
##      Verborgen     280          50.0          100.0
## -----
##
##
##

```

```

## $`Flug: Lissabon-LDM`
##
## DESCRIPTIVES
##
## Descriptives
## -----
##               Preis      IP_Adresse
## -----
##      N              560          560
##      Missing          0            0
##      Mean            532
##      Median          252
##      Standard deviation  573
##      Minimum         48.0
##      Maximum        3343
## -----
##
##
## FREQUENCIES
##
## Frequencies of IP_Adresse
## -----
##      Levels      Counts      % of Total      Cumulative %
## -----
##      Sichtbar      280          50.0          50.0
##      Verborgen     280          50.0          100.0
## -----
##
##
## $`Flug: London-BAW`
##
## DESCRIPTIVES
##
## Descriptives
## -----
##               Preis      IP_Adresse
## -----
##      N              560          560
##      Missing          0            0
##      Mean            532
##      Median          252
##      Standard deviation  573
##      Minimum         48.0
##      Maximum        3343
## -----
##
##
## FREQUENCIES
##
## Frequencies of IP_Adresse
## -----
##      Levels      Counts      % of Total      Cumulative %
## -----
##      Sichtbar      280          50.0          50.0

```

```

##      Verborgen      280      50.0      100.0
## -----
##
##
## $`Flug: Bangkok-THA`
##
## DESCRIPTIVES
##
## Descriptives
## -----
##              Preis      IP_Adresse
## -----
##      N              560      560
##      Missing          0          0
##      Mean            532
##      Median          252
##      Standard deviation  573
##      Minimum         48.0
##      Maximum        3343
## -----
##
##
## FREQUENCIES
##
## Frequencies of IP_Adresse
## -----
##      Levels      Counts      % of Total      Cumulative %
## -----
##      Sichtbar      280      50.0      50.0
##      Verborgen     280      50.0      100.0
## -----
##
##
## $`Flug: New York-UAL`
##
## DESCRIPTIVES
##
## Descriptives
## -----
##              Preis      IP_Adresse
## -----
##      N              560      560
##      Missing          0          0
##      Mean            532
##      Median          252
##      Standard deviation  573
##      Minimum         48.0
##      Maximum        3343
## -----
##
##
## FREQUENCIES
##
## Frequencies of IP_Adresse

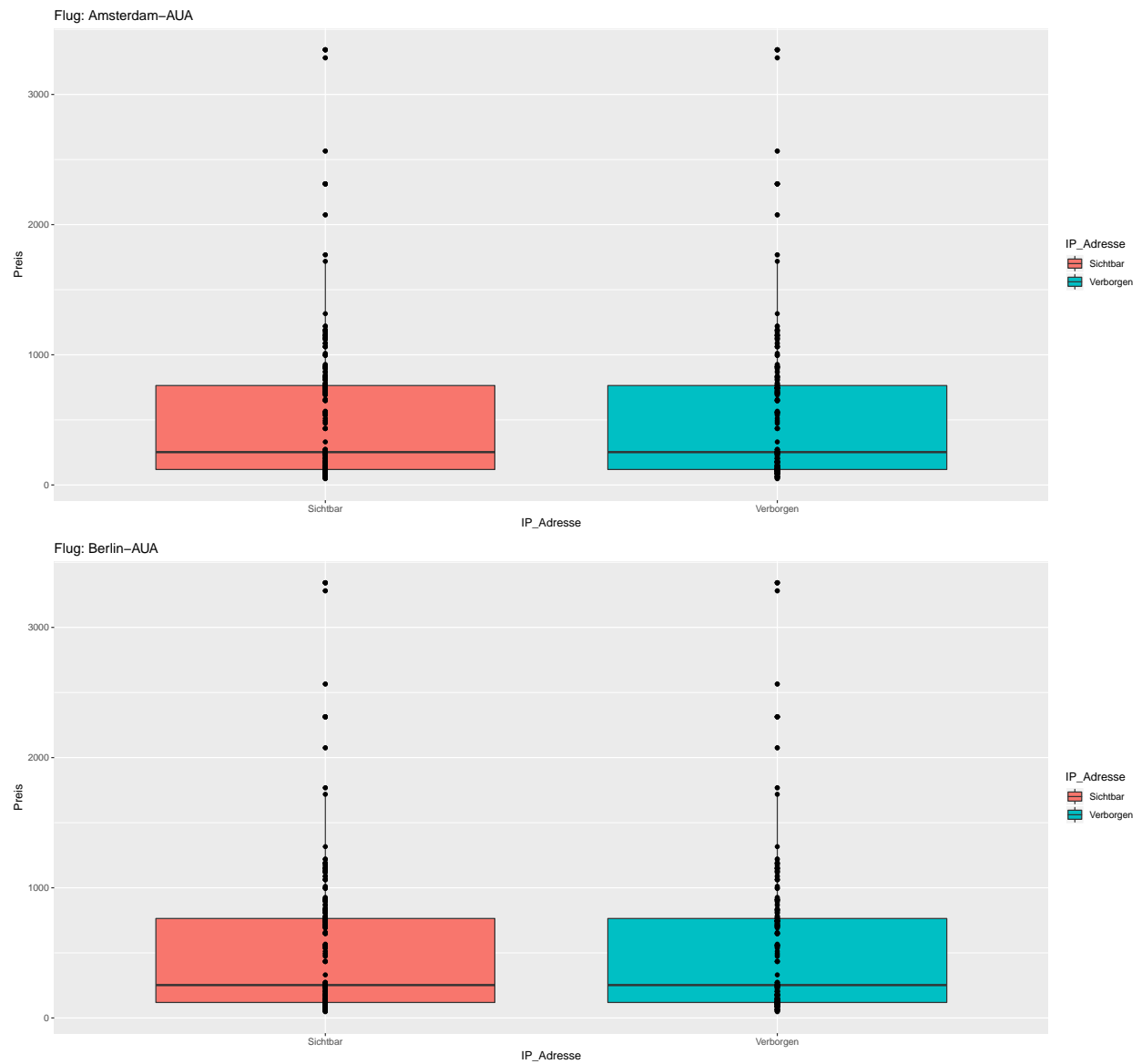
```

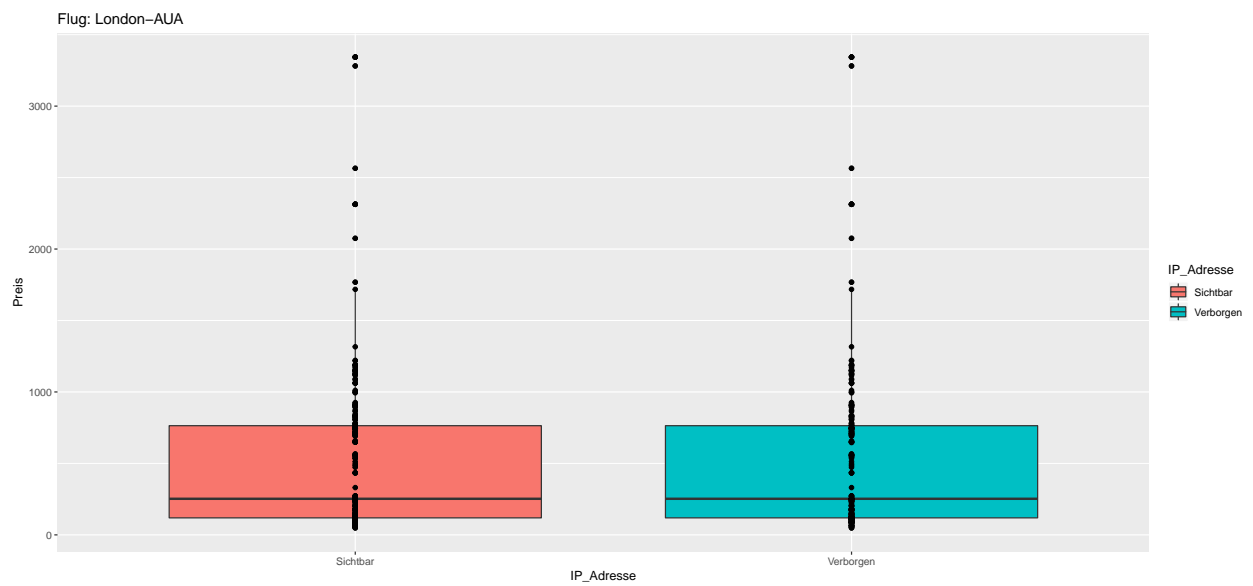
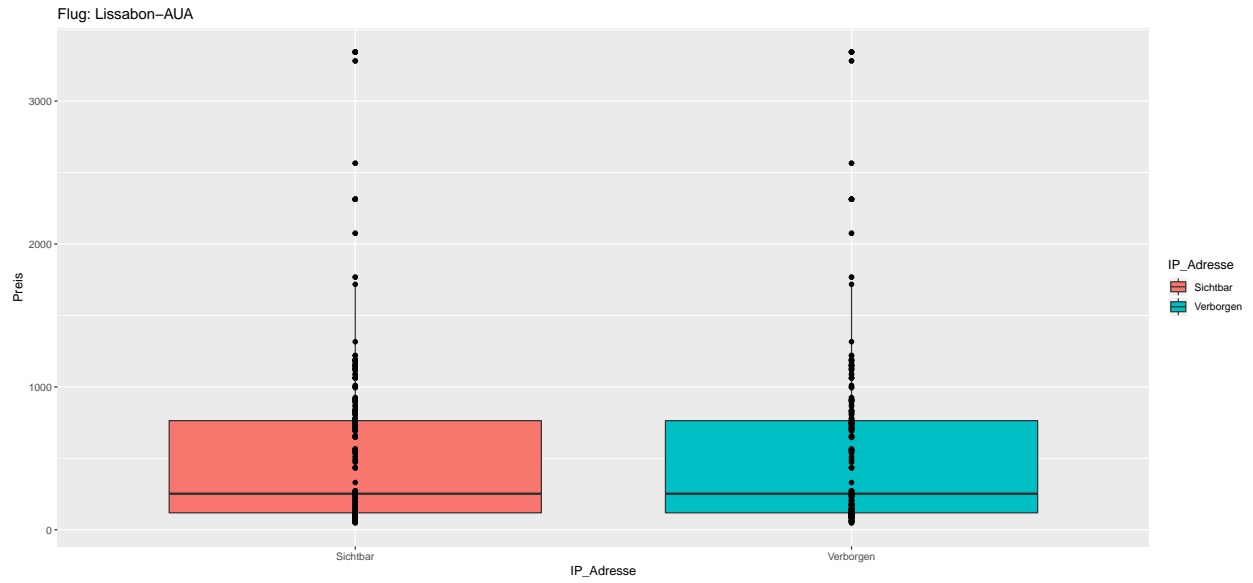
```

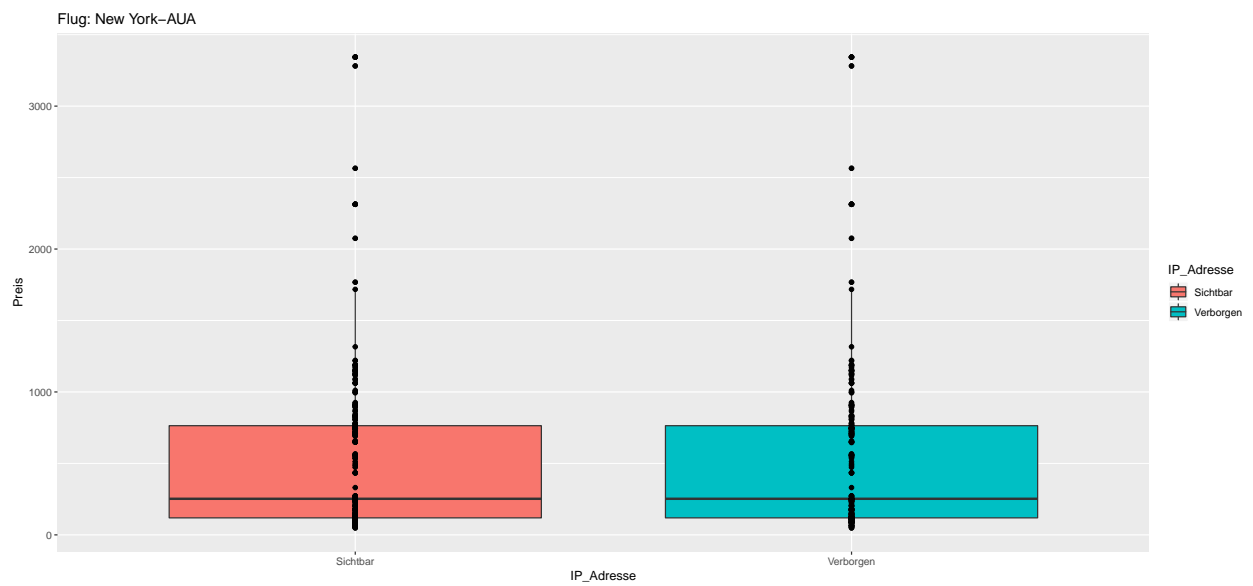
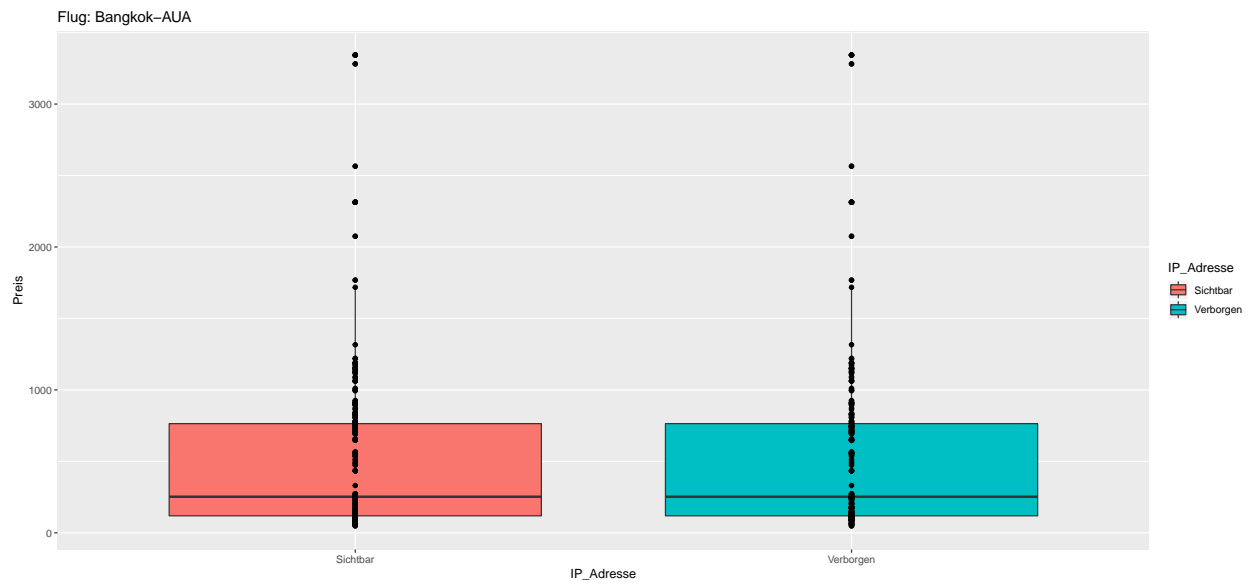
## -----
##      Levels      Counts    % of Total    Cumulative %
## -----
##      Sichtbar      280         50.0         50.0
##      Verborgen     280         50.0         100.0
## -----
##
##
## $`Flug: Tokio-ANA`
##
## DESCRIPTIVES
##
## Descriptives
## -----
##              Preis      IP_Adresse
## -----
##      N              560          560
##      Missing          0           0
##      Mean            532
##      Median          252
##      Standard deviation  573
##      Minimum         48.0
##      Maximum        3343
## -----
##
##
##
## FREQUENCIES
##
## Frequencies of IP_Adresse
## -----
##      Levels      Counts    % of Total    Cumulative %
## -----
##      Sichtbar      280         50.0         50.0
##      Verborgen     280         50.0         100.0
## -----

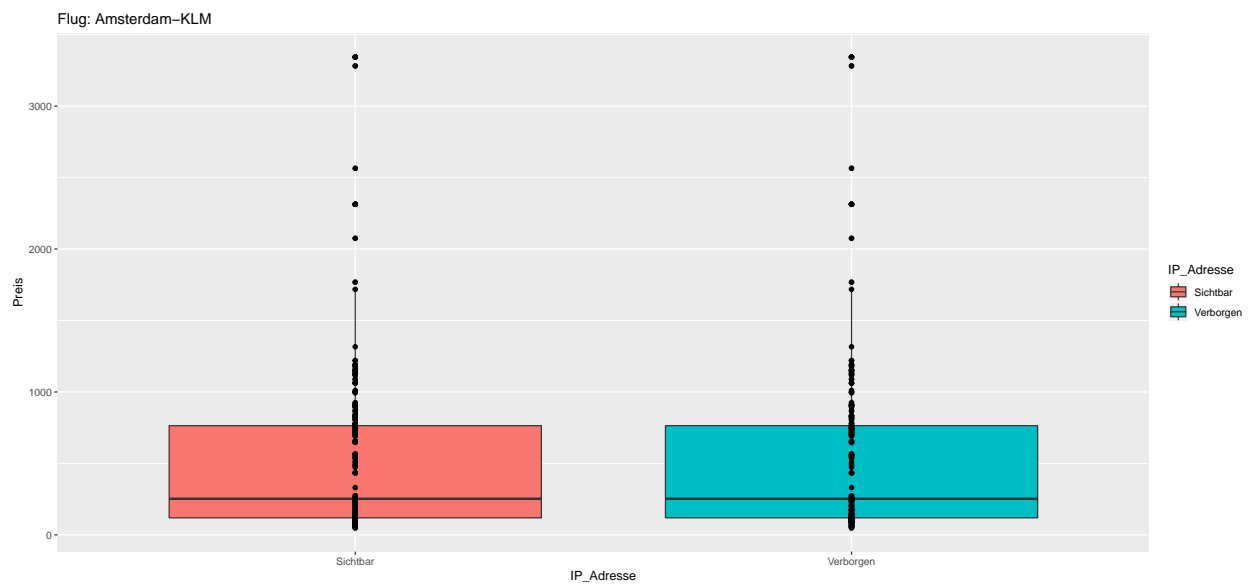
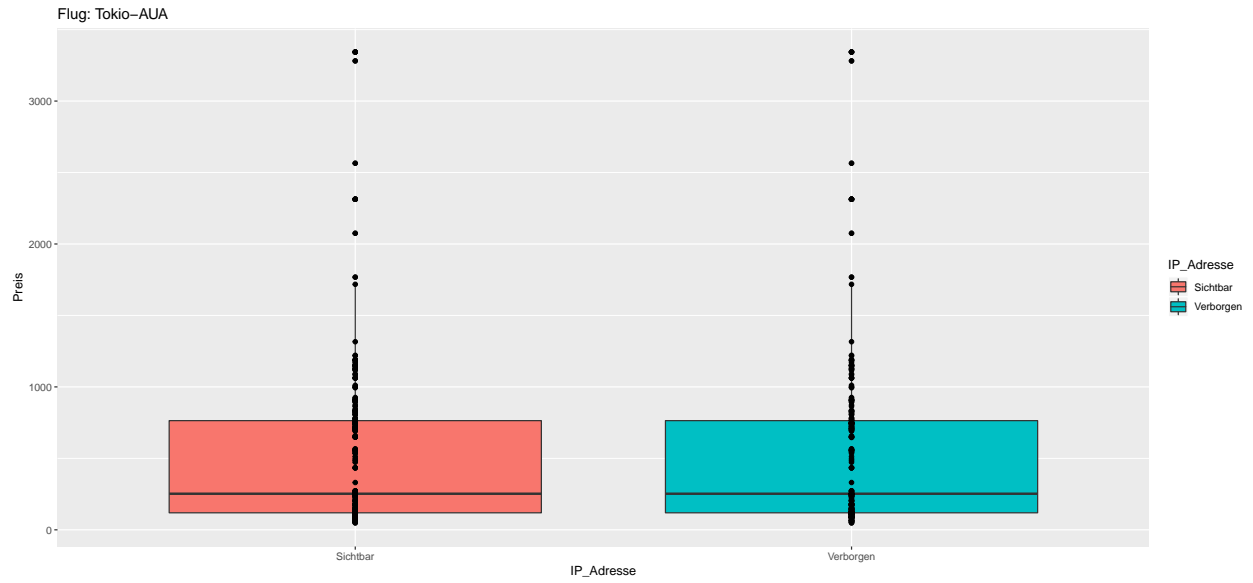
```

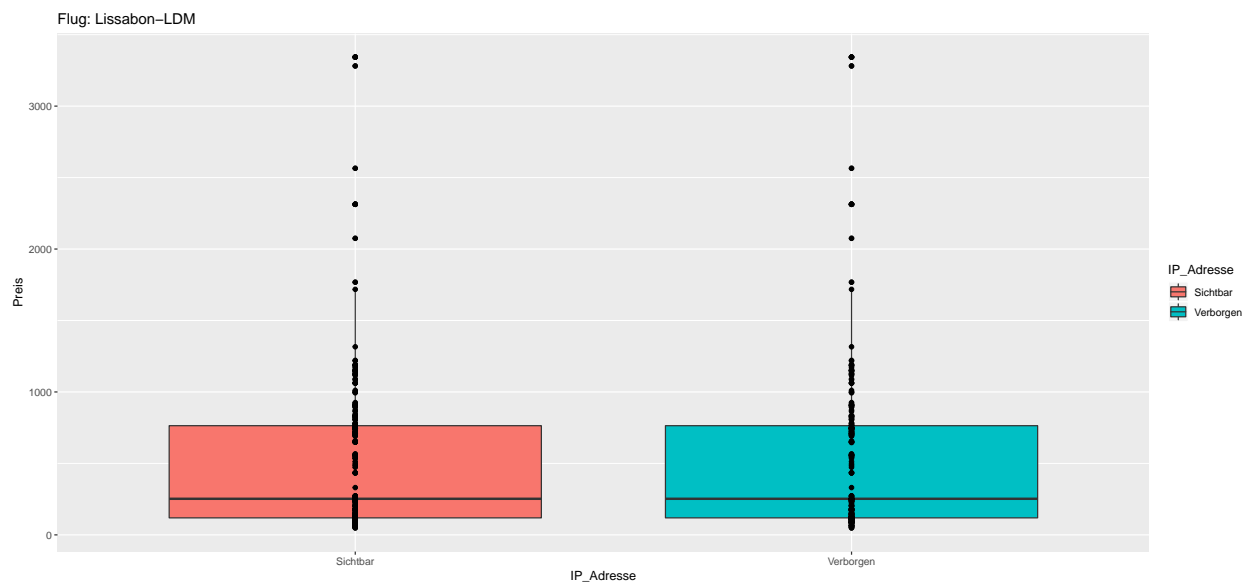
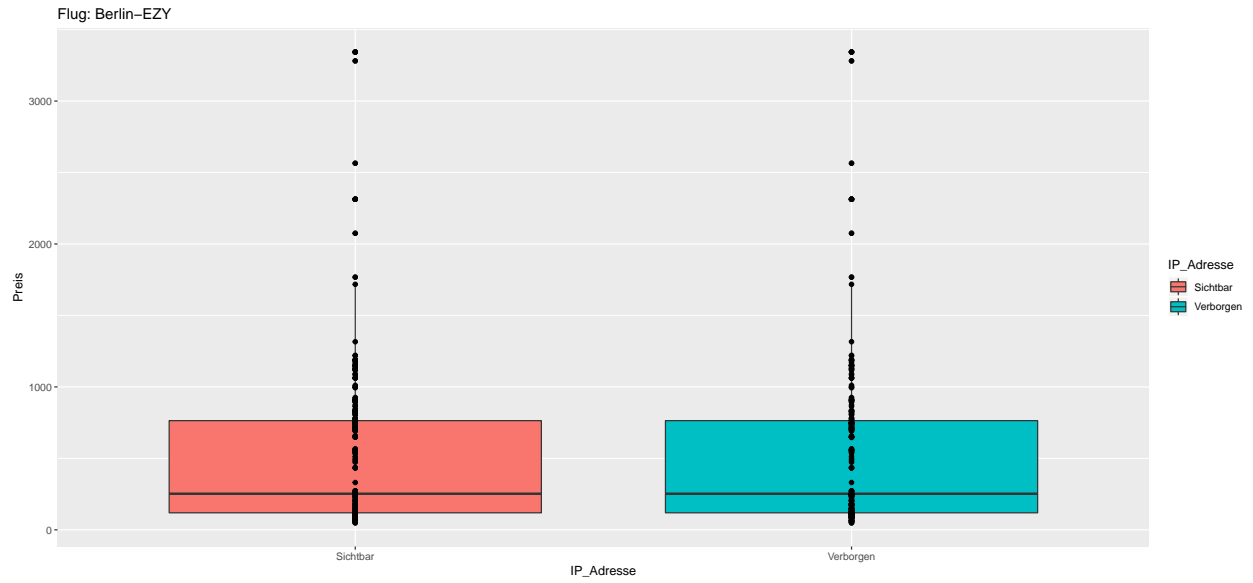

Box-Plot - Einzelflüge

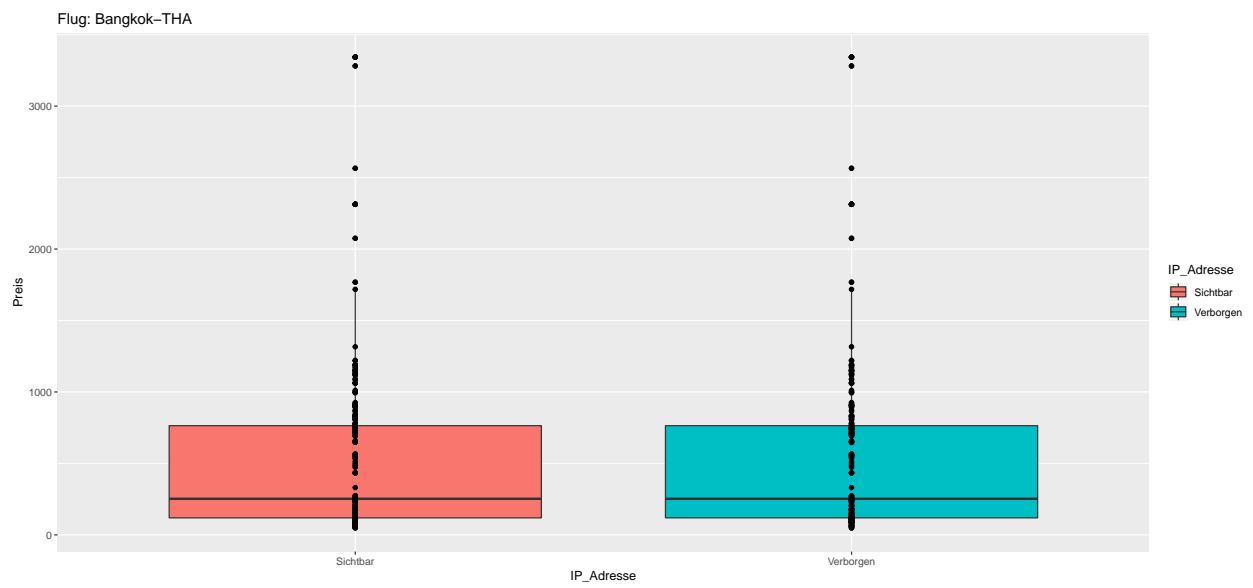
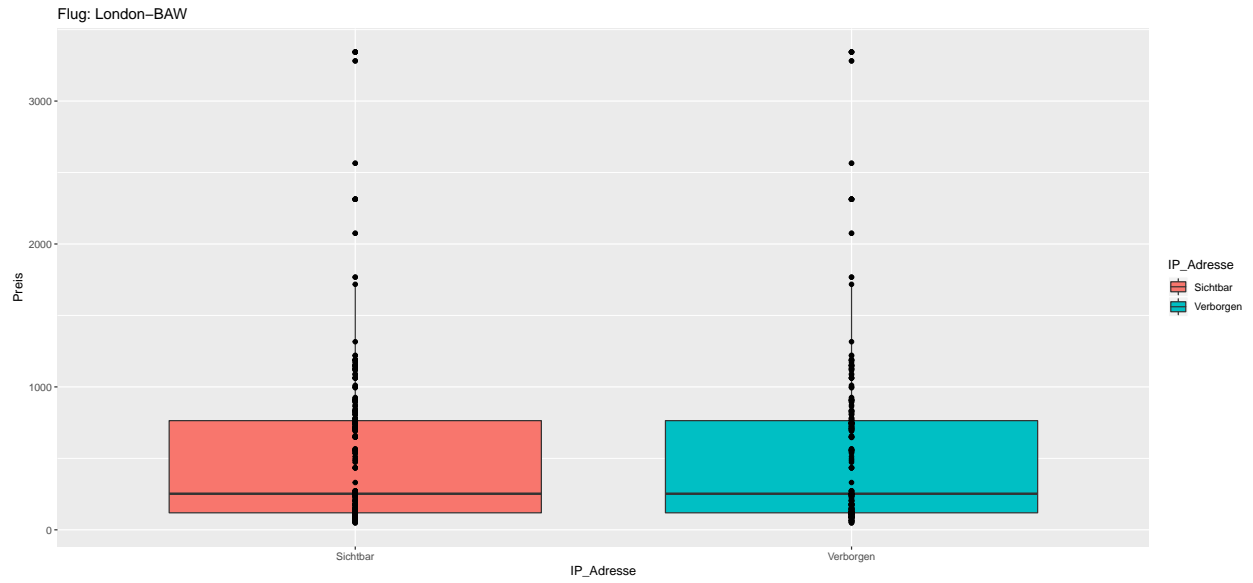


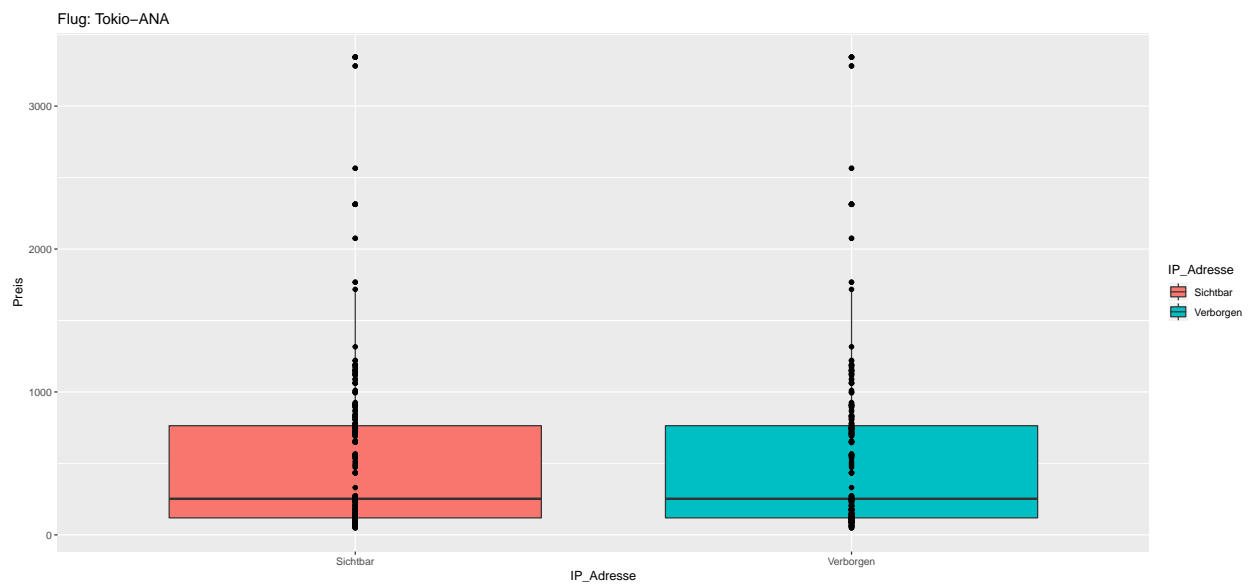
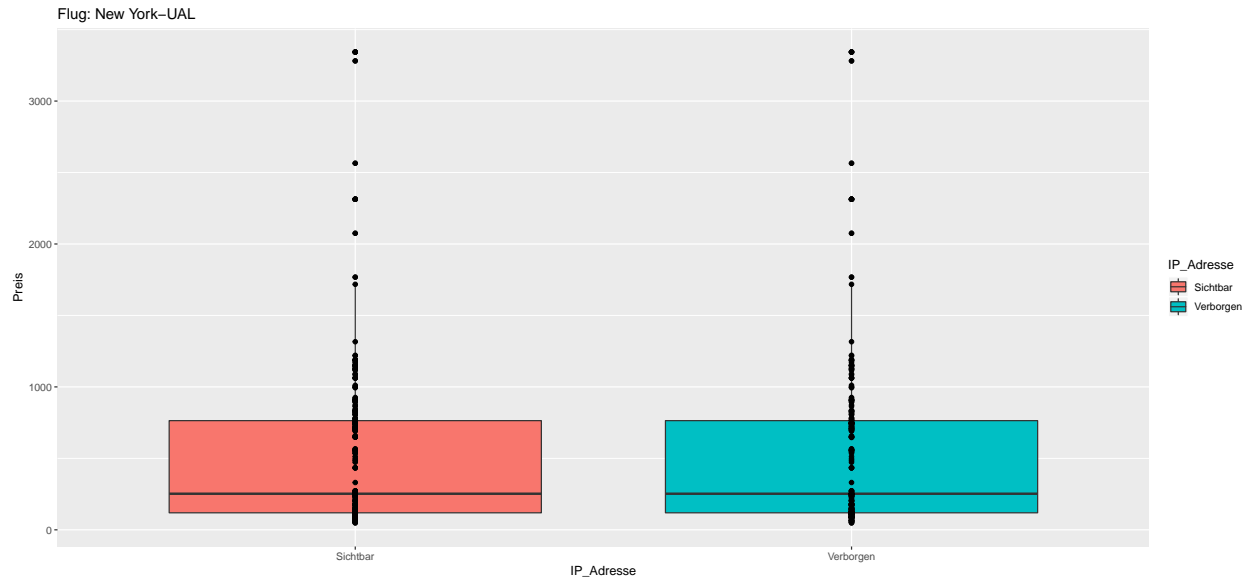












ANOVA

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

```
##
```

```
## ANOVA
```

```
##
```

```
## ANOVA
```

```
##
```

	Sum of Squares	df	Mean Square	F	p	<U+03B7> ² p
IP_Adresse	0.00	1	0.00	2.21e-30	1.000	0.000
Residuals	1.84e+8	558	328963.14			

```
##
```

```
##
```

```
## ESTIMATED MARGINAL MEANS
```

```

##
## IP_ADRESSE
##
## Estimated Marginal Means - IP_Adresse
## -----
##      IP_Adresse      Mean      SE      Lower      Upper
## -----
##      Sichtbar        532      34.3      464        599
##      Verborgen        532      34.3      464        599
## -----
##
##
## $`Flug: Berlin-AUA`
##
## ANOVA
##
## ANOVA
## -----
##              Sum of Squares      df      Mean Square      F              p      <U+03B7>^2p
## -----
##      IP_Adresse              0.00        1              0.00      2.21e-30      1.000      0.000
##      Residuals            1.84e+8      558      328963.14
## -----
##
##
## ESTIMATED MARGINAL MEANS
##
## IP_ADRESSE
##
## Estimated Marginal Means - IP_Adresse
## -----
##      IP_Adresse      Mean      SE      Lower      Upper
## -----
##      Sichtbar        532      34.3      464        599
##      Verborgen        532      34.3      464        599
## -----
##
##
## $`Flug: Lissabon-AUA`
##
## ANOVA
##
## ANOVA
## -----
##              Sum of Squares      df      Mean Square      F              p      <U+03B7>^2p
## -----
##      IP_Adresse              0.00        1              0.00      2.21e-30      1.000      0.000
##      Residuals            1.84e+8      558      328963.14
## -----
##
##
## ESTIMATED MARGINAL MEANS
##
## IP_ADRESSE

```



```

##
## Estimated Marginal Means - IP_Adresse
## -----
##      IP_Adresse      Mean      SE      Lower      Upper
## -----
##      Sichtbar        532      34.3      464        599
##      Verborgen       532      34.3      464        599
## -----
##
##
## $`Flug: London-AUA`
##
## ANOVA
##
## ANOVA
## -----
##              Sum of Squares      df      Mean Square      F              p              <U+03B7>²p
## -----
##      IP_Adresse              0.00        1              0.00      2.21e-30      1.000      0.000
##      Residuals             1.84e+8      558      328963.14
## -----
##
##
## ESTIMATED MARGINAL MEANS
##
## IP_ADRESSE
##
## Estimated Marginal Means - IP_Adresse
## -----
##      IP_Adresse      Mean      SE      Lower      Upper
## -----
##      Sichtbar        532      34.3      464        599
##      Verborgen       532      34.3      464        599
## -----
##
##
## $`Flug: Bangkok-AUA`
##
## ANOVA
##
## ANOVA
## -----
##              Sum of Squares      df      Mean Square      F              p              <U+03B7>²p
## -----
##      IP_Adresse              0.00        1              0.00      2.21e-30      1.000      0.000
##      Residuals             1.84e+8      558      328963.14
## -----
##
##
## ESTIMATED MARGINAL MEANS
##
## IP_ADRESSE
##
## Estimated Marginal Means - IP_Adresse

```

```

## -----
##      IP_Adresse      Mean      SE      Lower      Upper
## -----
##      Sichtbar        532      34.3      464      599
##      Verborgen       532      34.3      464      599
## -----
##
##
## $`Flug: New York-AUA`
##
## ANOVA
##
## ANOVA
## -----
##              Sum of Squares      df      Mean Square      F      p      <U+03B7>^2p
## -----
##      IP_Adresse              0.00      1              0.00      2.21e-30      1.000      0.000
##      Residuals             1.84e+8      558      328963.14
## -----
##
##
## ESTIMATED MARGINAL MEANS
##
## IP_ADRESSE
##
## Estimated Marginal Means - IP_Adresse
## -----
##      IP_Adresse      Mean      SE      Lower      Upper
## -----
##      Sichtbar        532      34.3      464      599
##      Verborgen       532      34.3      464      599
## -----
##
##
## $`Flug: Tokio-AUA`
##
## ANOVA
##
## ANOVA
## -----
##              Sum of Squares      df      Mean Square      F      p      <U+03B7>^2p
## -----
##      IP_Adresse              0.00      1              0.00      2.21e-30      1.000      0.000
##      Residuals             1.84e+8      558      328963.14
## -----
##
##
## ESTIMATED MARGINAL MEANS
##
## IP_ADRESSE
##
## Estimated Marginal Means - IP_Adresse
## -----
##      IP_Adresse      Mean      SE      Lower      Upper

```

```

## -----
##      Sichtbar      532      34.3      464      599
##      Verborgen     532      34.3      464      599
## -----
##
##
## $`Flug: Amsterdam-KLM`
##
## ANOVA
##
## ANOVA
## -----
##              Sum of Squares      df      Mean Square      F              p      <U+03B7>^2p
## -----
##      IP_Adresse           0.00        1           0.00      2.21e-30      1.000      0.000
##      Residuals          1.84e+8       558      328963.14
## -----
##
##
## ESTIMATED MARGINAL MEANS
##
## IP_ADRESSE
##
## Estimated Marginal Means - IP_Adresse
## -----
##      IP_Adresse      Mean      SE      Lower      Upper
## -----
##      Sichtbar        532      34.3      464      599
##      Verborgen       532      34.3      464      599
## -----
##
##
## $`Flug: Berlin-EZY`
##
## ANOVA
##
## ANOVA
## -----
##              Sum of Squares      df      Mean Square      F              p      <U+03B7>^2p
## -----
##      IP_Adresse           0.00        1           0.00      2.21e-30      1.000      0.000
##      Residuals          1.84e+8       558      328963.14
## -----
##
##
## ESTIMATED MARGINAL MEANS
##
## IP_ADRESSE
##
## Estimated Marginal Means - IP_Adresse
## -----
##      IP_Adresse      Mean      SE      Lower      Upper
## -----
##      Sichtbar        532      34.3      464      599

```

```

##      Verborgen      532      34.3      464      599
## -----
##
##
## $`Flug: Lissabon-LDM`
##
## ANOVA
##
## ANOVA
## -----
##              Sum of Squares      df      Mean Square      F              p      <U+03B7>²p
## -----
##      IP_Adresse              0.00       1              0.00      2.21e-30      1.000      0.000
##      Residuals            1.84e+8      558      328963.14
## -----
##
##
## ESTIMATED MARGINAL MEANS
##
## IP_ADRESSE
##
## Estimated Marginal Means - IP_Adresse
## -----
##      IP_Adresse      Mean      SE      Lower      Upper
## -----
##      Sichtbar        532      34.3      464      599
##      Verborgen        532      34.3      464      599
## -----
##
##
## $`Flug: London-BAW`
##
## ANOVA
##
## ANOVA
## -----
##              Sum of Squares      df      Mean Square      F              p      <U+03B7>²p
## -----
##      IP_Adresse              0.00       1              0.00      2.21e-30      1.000      0.000
##      Residuals            1.84e+8      558      328963.14
## -----
##
##
## ESTIMATED MARGINAL MEANS
##
## IP_ADRESSE
##
## Estimated Marginal Means - IP_Adresse
## -----
##      IP_Adresse      Mean      SE      Lower      Upper
## -----
##      Sichtbar        532      34.3      464      599
##      Verborgen        532      34.3      464      599
## -----
##

```

```

##
##
## $`Flug: Bangkok-THA`
##
## ANOVA
##
## ANOVA
## -----
##              Sum of Squares    df    Mean Square    F          p          <U+03B7>²p
## -----
##      IP_Adresse           0.00      1           0.00    2.21e-30    1.000    0.000
##      Residuals          1.84e+8    558        328963.14
## -----
##
##
## ESTIMATED MARGINAL MEANS
##
## IP_ADRESSE
##
## Estimated Marginal Means - IP_Adresse
## -----
##      IP_Adresse    Mean    SE      Lower    Upper
## -----
##      Sichtbar      532    34.3    464      599
##      Verborgen     532    34.3    464      599
## -----
##
##
## $`Flug: New York-UAL`
##
## ANOVA
##
## ANOVA
## -----
##              Sum of Squares    df    Mean Square    F          p          <U+03B7>²p
## -----
##      IP_Adresse           0.00      1           0.00    2.21e-30    1.000    0.000
##      Residuals          1.84e+8    558        328963.14
## -----
##
##
## ESTIMATED MARGINAL MEANS
##
## IP_ADRESSE
##
## Estimated Marginal Means - IP_Adresse
## -----
##      IP_Adresse    Mean    SE      Lower    Upper
## -----
##      Sichtbar      532    34.3    464      599
##      Verborgen     532    34.3    464      599
## -----
##
##

```

```

## $`Flug: Tokio-ANA`
##
## ANOVA
##
## ANOVA
## -----
##              Sum of Squares      df      Mean Square      F              p      <U+03B7>²p
## -----
##      IP_Adresse              0.00        1              0.00      2.21e-30      1.000      0.000
##      Residuals            1.84e+8       558          328963.14
## -----
##
##
## ESTIMATED MARGINAL MEANS
##
## IP_ADRESSE
##
## Estimated Marginal Means - IP_Adresse
## -----
##      IP_Adresse      Mean      SE      Lower      Upper
## -----
##      Sichtbar        532      34.3      464      599
##      Verborgen        532      34.3      464      599
## -----

```