Hypothese6

Silas Nöttling 19 4 2020

Deskriptive Statistik - Einzelflüge

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

```
##
##
  FREQUENCIES
##
##
##
  Frequencies of IP_Adresse
  _____
##
          Counts % of Total
                                Cumulative %
##
    Sichtbar
                280
##
                          50.0
                                      50.0
##
                280
                         50.0
                                     100.0
    Verborgen
##
##
##
## $`Flug: Lissabon-AUA`
##
##
  DESCRIPTIVES
##
##
  Descriptives
##
##
                     Preis
                          IP_Adresse
##
   _____
##
                      560
                                 560
##
                                   0
    Missing
                       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
             280
##
    Verborgen
                          50.0
                                     100.0
##
##
##
## $`Flug: London-AUA`
##
##
  DESCRIPTIVES
##
##
   Descriptives
##
   _____
##
                     Preis IP_Adresse
##
##
                      560
                                 560
##
    Missing
                        0
                                   0
                      532
##
    Mean
##
    Median
                       252
```

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

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

##

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

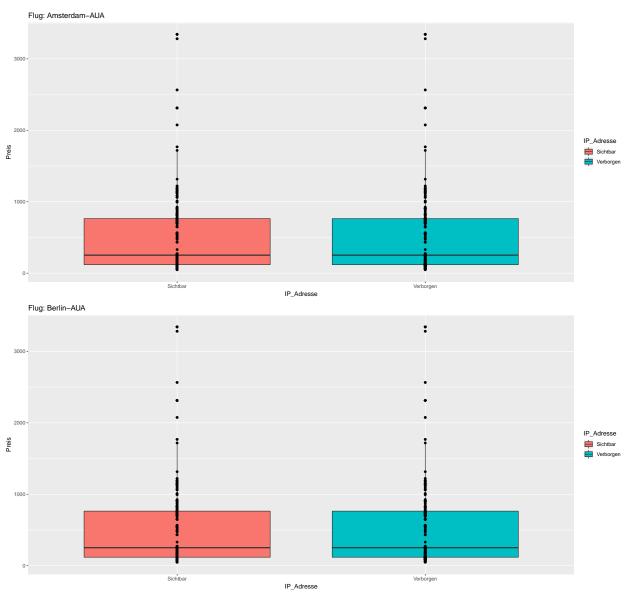
##

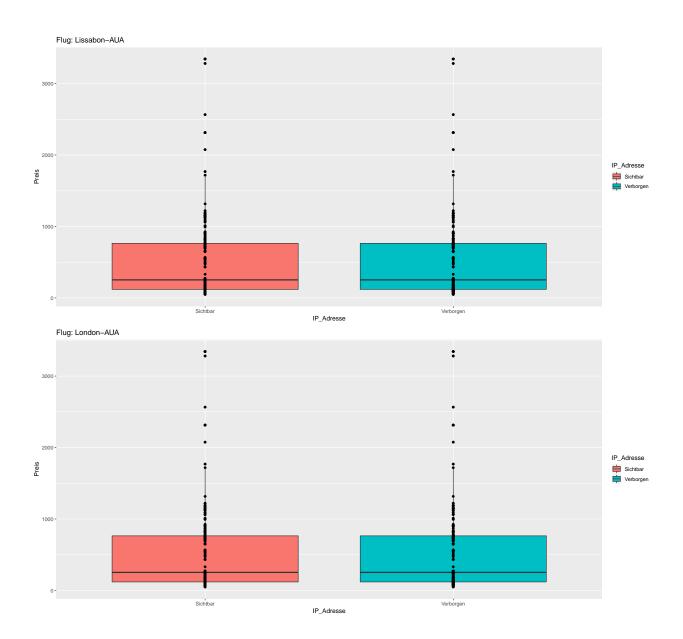
```
## $`Flug: Lissabon-LDM`
##
  DESCRIPTIVES
##
##
##
  Descriptives
##
##
                     Preis IP_Adresse
##
   _____
##
                        560
                                  560
##
                        0
                                   0
    Missing
##
    Mean
              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

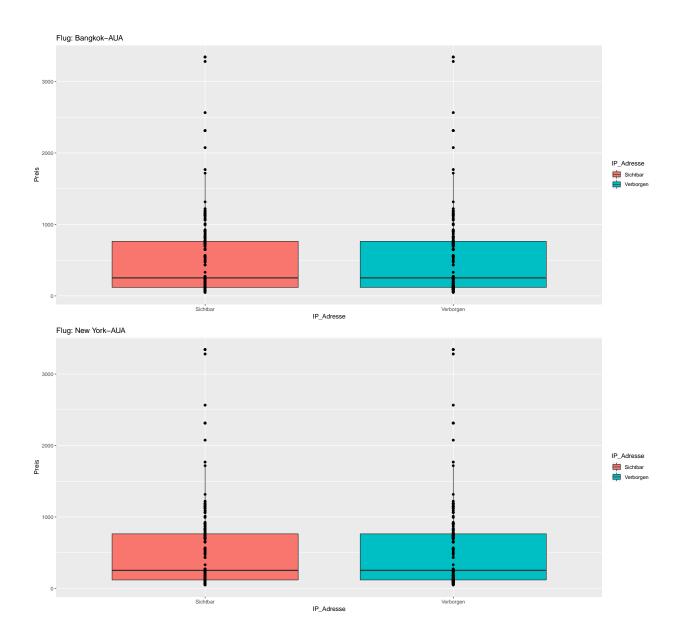
```
280
                      50.0
##
     Verborgen
                                   100.0
##
##
##
## $`Flug: Bangkok-THA`
##
##
  DESCRIPTIVES
##
##
   Descriptives
##
##
                       Preis IP_Adresse
##
##
                         560
                                     560
     Missing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

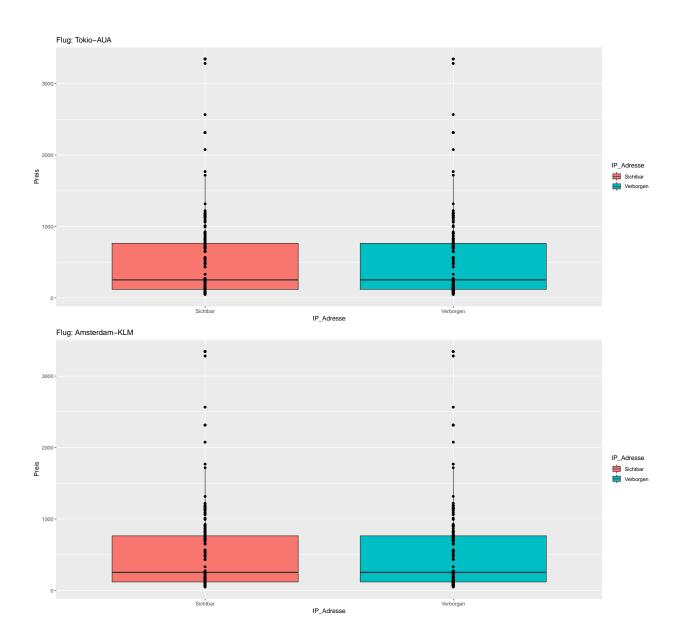
```
##
##
    Levels Counts % of Total
                                   Cumulative %
##
##
                  280
    Sichtbar
                             50.0
##
    Verborgen
                  280
                            50.0
##
##
##
## $`Flug: Tokio-ANA`
##
  DESCRIPTIVES
##
##
##
  Descriptives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

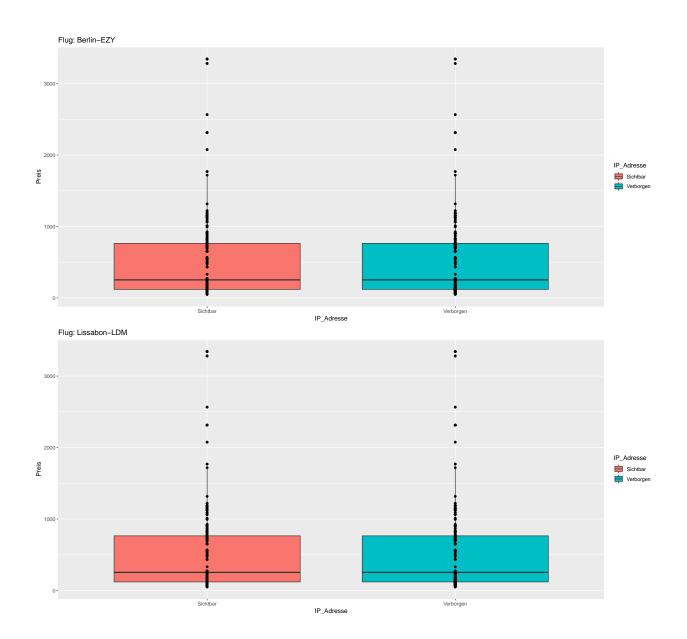
Box-Plot - Einzelflüge

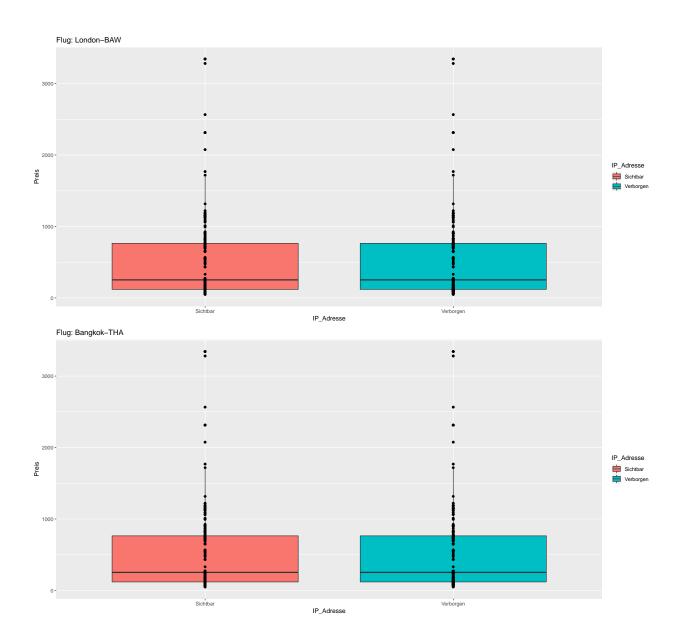


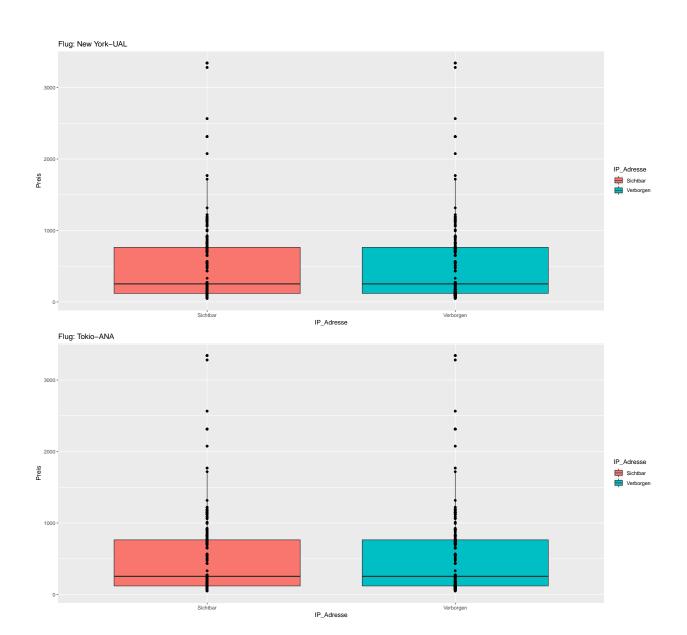












ANOVA

\$`Flug: Amsterdam-AUA` ## ## ANOVA ## ## ANOVA Sum of Squares df Mean Square F p $\sim V+03B7>^2p$ ## IP_Adresse 0.00 1 0.00 Residuals 1.84e+8 558 328963.14 0.00 2.21e-30 1.000 0.000 ## IP_Adresse ## ## ## ## ## ESTIMATED MARGINAL MEANS

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

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

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

        Sichtbar
        532
        34.3
        464

        Verborgen
        532
        34.3
        464

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

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

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

        Sichtbar
        532
        34.3

        Verborgen
        532
        34.3

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

##

```
## $`Flug: Tokio-ANA`
##
##
  ANOVA
##
## ANOVA
##
                 Sum of Squares df Mean Square F p <U+03B7>^2p
##
                       0.00 1 0.00 2.21e-30 1.000 0.000 1.84e+8 558 328963.14
##
     IP_Adresse
##
    Residuals
##
##
##
##
   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

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