

Hypothese 1

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12.4.2020

Hypothese 1 - Einzelflüge

Deskriptive Statistik - Einzelflüge

```
## $`Flug: Amsterdam-AUA`
##
## DESCRIPTIVES
##
## Descriptives
## -----
##               Preis      Datum      Zeit
## -----
##      N              516        516        516
##      Missing          0          0          0
##      Mean            102
##      Median           88.0
##      Standard deviation  48.5
##      Minimum           83.0
##      Maximum           434
## -----
##
##
## FREQUENCIES
##
## Frequencies of Datum
## -----
##      Levels      Counts      % of Total      Cumulative %
## -----
##      Montag          72          14.0          14.0
##      Dienstag        72          14.0          27.9
##      Mittwoch         72          14.0          41.9
##      Donnerstag        75          14.5          56.4
##      Freitag          75          14.5          70.9
##      Samstag          75          14.5          85.5
##      Sonntag          75          14.5          100.0
## -----
##
##
## Frequencies of Zeit
## -----
##      Levels      Counts      % of Total      Cumulative %
## -----
##      Morgen        172          33.3          33.3
##      Mittag         172          33.3          66.7
##      Abend          172          33.3          100.0
## -----
##
##
```

```

##
## $`Flug: Berlin-AUA`
##
## DESCRIPTIVES
##
## Descriptives
## -----
##               Preis      Datum      Zeit
## -----
##      N               516       516       516
##      Missing           0         0         0
##      Mean             92.0
##      Median            87.0
##      Standard deviation 16.0
##      Minimum           83.0
##      Maximum           230
## -----
##
##
## FREQUENCIES
##
## Frequencies of Datum
## -----
##      Levels      Counts      % of Total      Cumulative %
## -----
##      Montag           72          14.0          14.0
##      Dienstag        72          14.0          27.9
##      Mittwoch         72          14.0          41.9
##      Donnerstag       75          14.5          56.4
##      Freitag          75          14.5          70.9
##      Samstag          75          14.5          85.5
##      Sonntag          75          14.5          100.0
## -----
##
##
## Frequencies of Zeit
## -----
##      Levels      Counts      % of Total      Cumulative %
## -----
##      Morgen          172          33.3          33.3
##      Mittag           172          33.3          66.7
##      Abend            172          33.3          100.0
## -----
##
##
## $`Flug: Lissabon-AUA`
##
## DESCRIPTIVES
##
## Descriptives
## -----
##               Preis      Datum      Zeit
## -----
##      N               516       516       516

```

```

##      Missing           0           0           0
##      Mean             270
##      Median           252
##      Standard deviation 57.7
##      Minimum          239
##      Maximum          557
## -----
##
##
##
## FREQUENCIES
##
## Frequencies of Datum
## -----
##      Levels      Counts      % of Total      Cumulative %
## -----
##      Montag       72         14.0         14.0
##      Dienstag    72         14.0         27.9
##      Mittwoch     72         14.0         41.9
##      Donnerstag   75         14.5         56.4
##      Freitag      75         14.5         70.9
##      Samstag      75         14.5         85.5
##      Sonntag      75         14.5         100.0
## -----
##
##
##
## Frequencies of Zeit
## -----
##      Levels      Counts      % of Total      Cumulative %
## -----
##      Morgen       172        33.3         33.3
##      Mittag        172        33.3         66.7
##      Abend         172        33.3         100.0
## -----
##
##
##
## $`Flug: London-AUA`
##
## DESCRIPTIVES
##
## Descriptives
## -----
##
##      Preis      Datum      Zeit
## -----
##      N          516        516        516
##      Missing     0         0         0
##      Mean        130
##      Median       105
##      Standard deviation 38.2
##      Minimum      101
##      Maximum      206
## -----
##
##
##
## FREQUENCIES

```

```
##
## Frequencies of Datum
## -----
##      Levels      Counts      % of Total      Cumulative %
## -----
##      Montag      72      14.0      14.0
##      Dienstag    72      14.0      27.9
##      Mittwoch     72      14.0      41.9
##      Donnerstag    75      14.5      56.4
##      Freitag      75      14.5      70.9
##      Samstag      75      14.5      85.5
##      Sonntag      75      14.5      100.0
## -----
```

```
##
##
## Frequencies of Zeit
## -----
##      Levels      Counts      % of Total      Cumulative %
## -----
##      Morgen      172      33.3      33.3
##      Mittag       172      33.3      66.7
##      Abend        172      33.3      100.0
## -----
```

```
##
##
## $`Flug: Bangkok-AUA`
##
```

DESCRIPTIVES

```
## Descriptives
## -----
##      Preis      Datum      Zeit
## -----
##      N      516      516      516
##      Missing      0      0      0
##      Mean      802
##      Median      769
##      Standard deviation      106
##      Minimum      642
##      Maximum      1316
## -----
```

FREQUENCIES

```
## Frequencies of Datum
## -----
##      Levels      Counts      % of Total      Cumulative %
## -----
##      Montag      72      14.0      14.0
##      Dienstag    72      14.0      27.9
##      Mittwoch     72      14.0      41.9
##      Donnerstag    75      14.5      56.4
##      Freitag      75      14.5      70.9
```

```

##      Samstag      75      14.5      85.5
##      Sonntag      75      14.5      100.0
## -----
##
##
## Frequencies of Zeit
## -----
##      Levels      Counts      % of Total      Cumulative %
## -----
##      Morgen      172      33.3      33.3
##      Mittag      172      33.3      66.7
##      Abend      172      33.3      100.0
## -----
##
##
## $`Flug: New York-AUA`
##
## DESCRIPTIVES
##
## Descriptives
## -----
##
##      Preis      Datum      Zeit
## -----
##      N      516      516      516
##      Missing      0      0      0
##      Mean      583
##      Median      536
##      Standard deviation      131
##      Minimum      417
##      Maximum      816
## -----
##
##
## FREQUENCIES
##
## Frequencies of Datum
## -----
##      Levels      Counts      % of Total      Cumulative %
## -----
##      Montag      72      14.0      14.0
##      Dienstag      72      14.0      27.9
##      Mittwoch      72      14.0      41.9
##      Donnerstag      75      14.5      56.4
##      Freitag      75      14.5      70.9
##      Samstag      75      14.5      85.5
##      Sonntag      75      14.5      100.0
## -----
##
##
## Frequencies of Zeit
## -----
##      Levels      Counts      % of Total      Cumulative %
## -----
##      Morgen      172      33.3      33.3

```

```

##      Mittag      172      33.3      66.7
##      Abend      172      33.3      100.0
## -----
##
##
## $`Flug: Tokio-AUA`
##
## DESCRIPTIVES
##
## Descriptives
## -----
##              Preis      Datum      Zeit
## -----
##      N              516      516      516
##      Missing          0          0          0
##      Mean            930
##      Median          828
##      Standard deviation  457
##      Minimum          747
##      Maximum         4972
## -----
##
##
##
## FREQUENCIES
##
## Frequencies of Datum
## -----
##      Levels      Counts      % of Total      Cumulative %
## -----
##      Montag          72          14.0          14.0
##      Dienstag        72          14.0          27.9
##      Mittwoch         72          14.0          41.9
##      Donnerstag       75          14.5          56.4
##      Freitag          75          14.5          70.9
##      Samstag          75          14.5          85.5
##      Sonntag          75          14.5          100.0
## -----
##
##
##
## Frequencies of Zeit
## -----
##      Levels      Counts      % of Total      Cumulative %
## -----
##      Morgen         172          33.3          33.3
##      Mittag          172          33.3          66.7
##      Abend           172          33.3          100.0
## -----
##
##
##
## $`Flug: Amsterdam-KLM`
##
## DESCRIPTIVES
##
## Descriptives

```

```

## -----
##               Preis      Datum      Zeit
## -----
##      N               516      516      516
##      Missing           0          0          0
##      Mean             130
##      Median           109
##      Standard deviation 42.9
##      Minimum          89.0
##      Maximum          272
## -----
##
##
## FREQUENCIES
##
## Frequencies of Datum
## -----
##      Levels      Counts      % of Total      Cumulative %
## -----
##      Montag           72          14.0          14.0
##      Dienstag        72          14.0          27.9
##      Mittwoch         72          14.0          41.9
##      Donnerstag       75          14.5          56.4
##      Freitag          75          14.5          70.9
##      Samstag          75          14.5          85.5
##      Sonntag          75          14.5          100.0
## -----
##
##
## Frequencies of Zeit
## -----
##      Levels      Counts      % of Total      Cumulative %
## -----
##      Morgen          172          33.3          33.3
##      Mittag           172          33.3          66.7
##      Abend            172          33.3          100.0
## -----
##
##
## $`Flug: Berlin-EZY`
##
## DESCRIPTIVES
##
## Descriptives
## -----
##               Preis      Datum      Zeit
## -----
##      N               516      516      516
##      Missing           0          0          0
##      Mean             66.7
##      Median           69.0
##      Standard deviation 6.56
##      Minimum          48.0
##      Maximum          97.0

```

```

## -----
##
##
## FREQUENCIES
##
## Frequencies of Datum
## -----
##      Levels      Counts      % of Total      Cumulative %
## -----
##      Montag      72      14.0      14.0
##      Dienstag    72      14.0      27.9
##      Mittwoch     72      14.0      41.9
##      Donnerstag    75      14.5      56.4
##      Freitag       75      14.5      70.9
##      Samstag       75      14.5      85.5
##      Sonntag       75      14.5      100.0
## -----
##
##
## Frequencies of Zeit
## -----
##      Levels      Counts      % of Total      Cumulative %
## -----
##      Morgen      172      33.3      33.3
##      Mittag       172      33.3      66.7
##      Abend        172      33.3      100.0
## -----
##
##
## $`Flug: Lissabon-LDM`
##
## DESCRIPTIVES
##
## Descriptives
## -----
##      Preis      Datum      Zeit
## -----
##      N      516      516      516
##      Missing      0      0      0
##      Mean      101
##      Median      95.0
##      Standard deviation 30.1
##      Minimum      52.0
##      Maximum      229
## -----
##
##
## FREQUENCIES
##
## Frequencies of Datum
## -----
##      Levels      Counts      % of Total      Cumulative %
## -----
##      Montag      72      14.0      14.0

```



```

##   Dienstag      72      14.0      27.9
##   Mittwoch      72      14.0      41.9
##   Donnerstag     75      14.5      56.4
##   Freitag       75      14.5      70.9
##   Samstag       75      14.5      85.5
##   Sonntag       75      14.5     100.0
## -----
##
##
## Frequencies of Zeit
## -----
##   Levels      Counts      % of Total      Cumulative %
## -----
##   Morgen      172        33.3          33.3
##   Mittag      172        33.3          66.7
##   Abend       172        33.3         100.0
## -----
##
##
## $`Flug: London-BAW`
##
## DESCRIPTIVES
##
## Descriptives
## -----
##               Preis      Datum      Zeit
## -----
##   N              516        516        516
##   Missing          0          0          0
##   Mean            108
##   Median           108
##   Standard deviation  9.45
##   Minimum          95.0
##   Maximum          146
## -----
##
##
## FREQUENCIES
##
## Frequencies of Datum
## -----
##   Levels      Counts      % of Total      Cumulative %
## -----
##   Montag      72        14.0          14.0
##   Dienstag    72        14.0          27.9
##   Mittwoch     72        14.0          41.9
##   Donnerstag    75        14.5          56.4
##   Freitag      75        14.5          70.9
##   Samstag      75        14.5          85.5
##   Sonntag      75        14.5         100.0
## -----
##
##
## Frequencies of Zeit

```

```

## -----
##      Levels      Counts      % of Total      Cumulative %
## -----
##      Morgen      172          33.3          33.3
##      Mittag      172          33.3          66.7
##      Abend      172          33.3          100.0
## -----
##
##
## $`Flug: Bangkok-THA`
##
## DESCRIPTIVES
##
## Descriptives
## -----
##              Preis      Datum      Zeit
## -----
##      N              516      516      516
##      Missing          0          0          0
##      Mean            869
##      Median          922
##      Standard deviation 204
##      Minimum          519
##      Maximum         1321
## -----
##
##
##
## FREQUENCIES
##
## Frequencies of Datum
## -----
##      Levels      Counts      % of Total      Cumulative %
## -----
##      Montag      72          14.0          14.0
##      Dienstag    72          14.0          27.9
##      Mittwoch     72          14.0          41.9
##      Donnerstag    75          14.5          56.4
##      Freitag      75          14.5          70.9
##      Samstag      75          14.5          85.5
##      Sonntag      75          14.5          100.0
## -----
##
##
##
## Frequencies of Zeit
## -----
##      Levels      Counts      % of Total      Cumulative %
## -----
##      Morgen      172          33.3          33.3
##      Mittag      172          33.3          66.7
##      Abend      172          33.3          100.0
## -----
##
##
## $`Flug: New York-UAL`

```

```

##
## DESCRIPTIVES
##
## Descriptives
## -----
##               Preis      Datum      Zeit
## -----
##      N               516       516       516
##      Missing           0         0         0
##      Mean             605
##      Median           560
##      Standard deviation 143
##      Minimum          426
##      Maximum          845
## -----
##
##
## FREQUENCIES
##
## Frequencies of Datum
## -----
##      Levels      Counts      % of Total      Cumulative %
## -----
##      Montag           72          14.0          14.0
##      Dienstag        72          14.0          27.9
##      Mittwoch         72          14.0          41.9
##      Donnerstag       75          14.5          56.4
##      Freitag          75          14.5          70.9
##      Samstag          75          14.5          85.5
##      Sonntag          75          14.5          100.0
## -----
##
##
## Frequencies of Zeit
## -----
##      Levels      Counts      % of Total      Cumulative %
## -----
##      Morgen         172          33.3          33.3
##      Mittag          172          33.3          66.7
##      Abend           172          33.3          100.0
## -----
##
##
## $`Flug: Tokio-ANA`
##
## DESCRIPTIVES
##
## Descriptives
## -----
##               Preis      Datum      Zeit
## -----
##      N               516       516       516
##      Missing           0         0         0
##      Mean             748

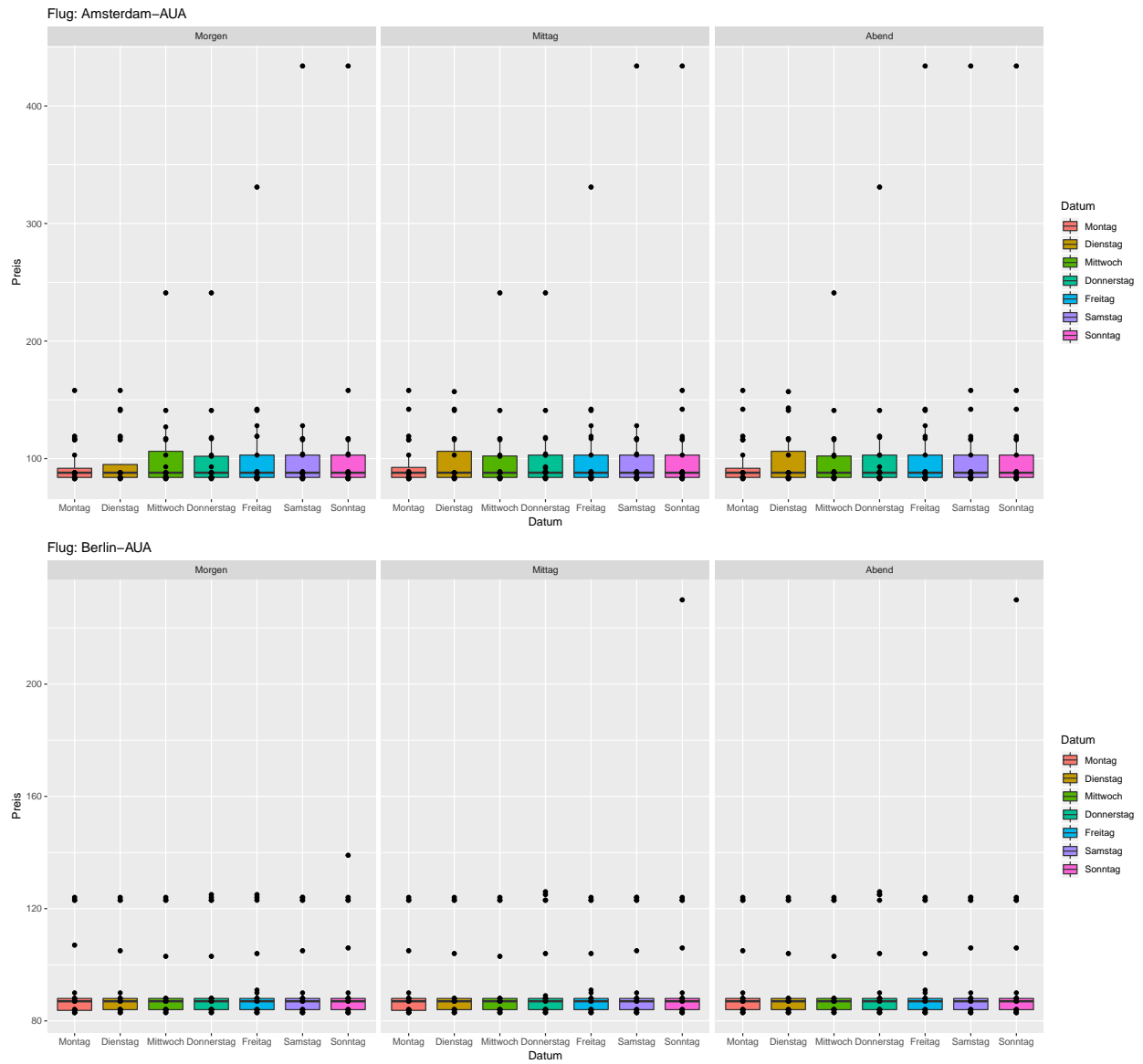
```

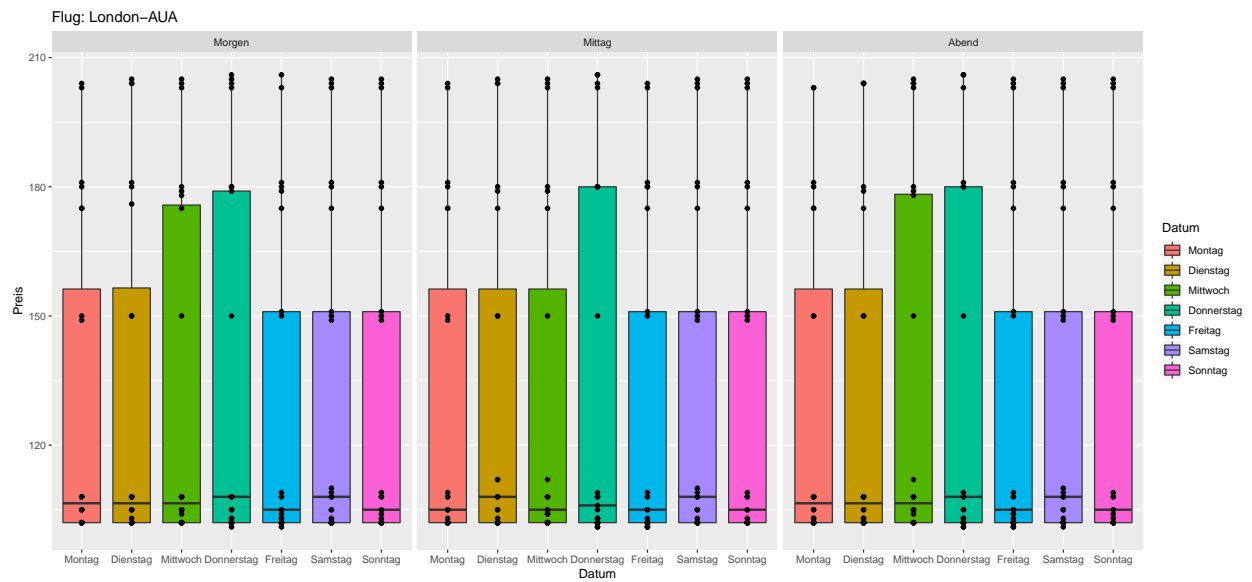
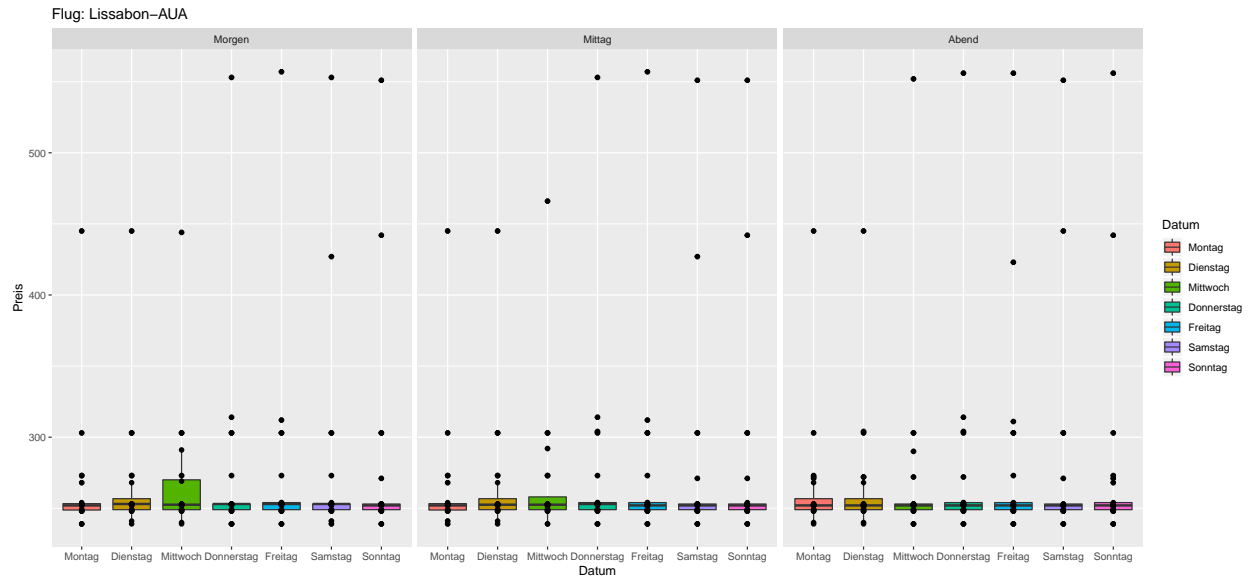
```

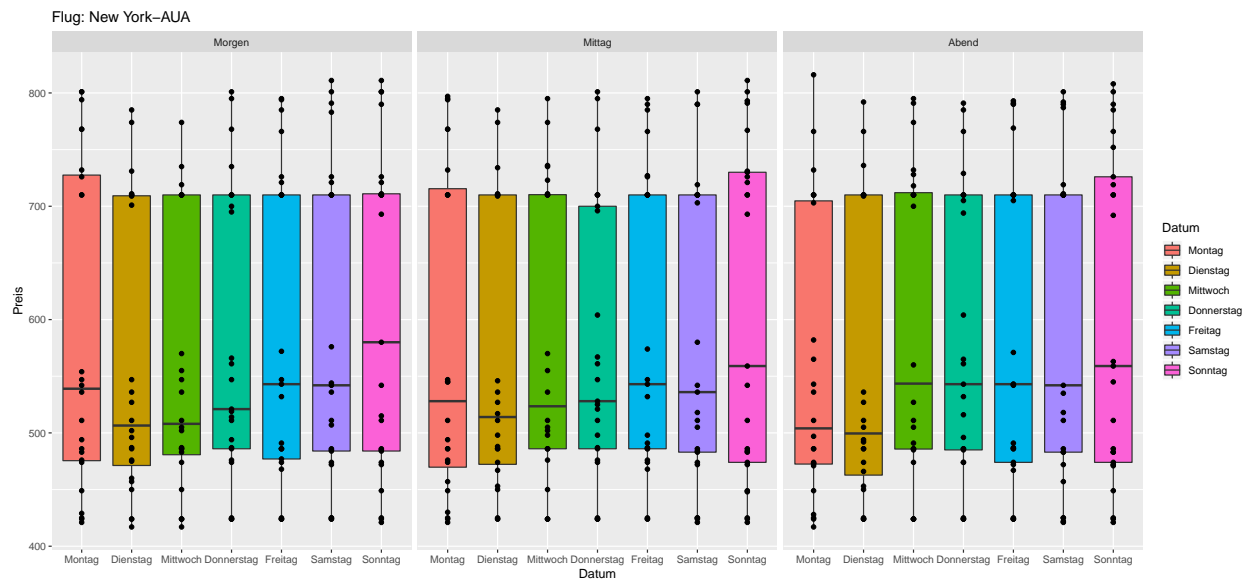
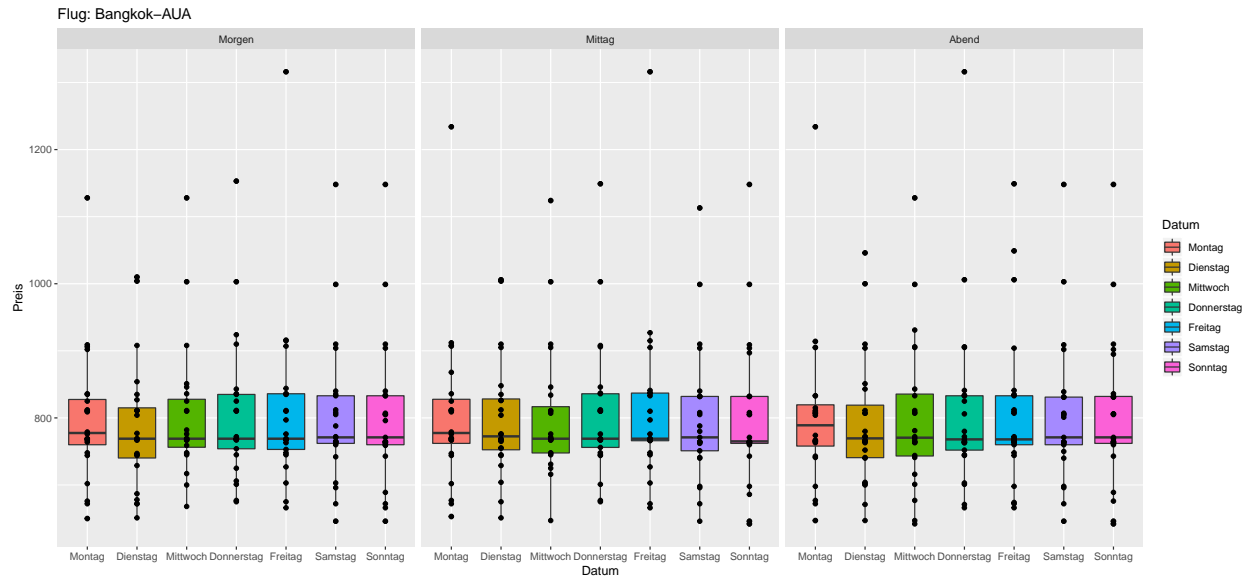
##      Median                700
##      Standard deviation    239
##      Minimum               518
##      Maximum               2314
## -----
##
##
## FREQUENCIES
##
## Frequencies of Datum
## -----
##      Levels      Counts      % of Total      Cumulative %
## -----
##      Montag      72          14.0          14.0
##      Dienstag   72          14.0          27.9
##      Mittwoch    72          14.0          41.9
##      Donnerstag   75          14.5          56.4
##      Freitag     75          14.5          70.9
##      Samstag     75          14.5          85.5
##      Sonntag     75          14.5          100.0
## -----
##
##
## Frequencies of Zeit
## -----
##      Levels      Counts      % of Total      Cumulative %
## -----
##      Morgen      172          33.3          33.3
##      Mittag       172          33.3          66.7
##      Abend        172          33.3          100.0
## -----

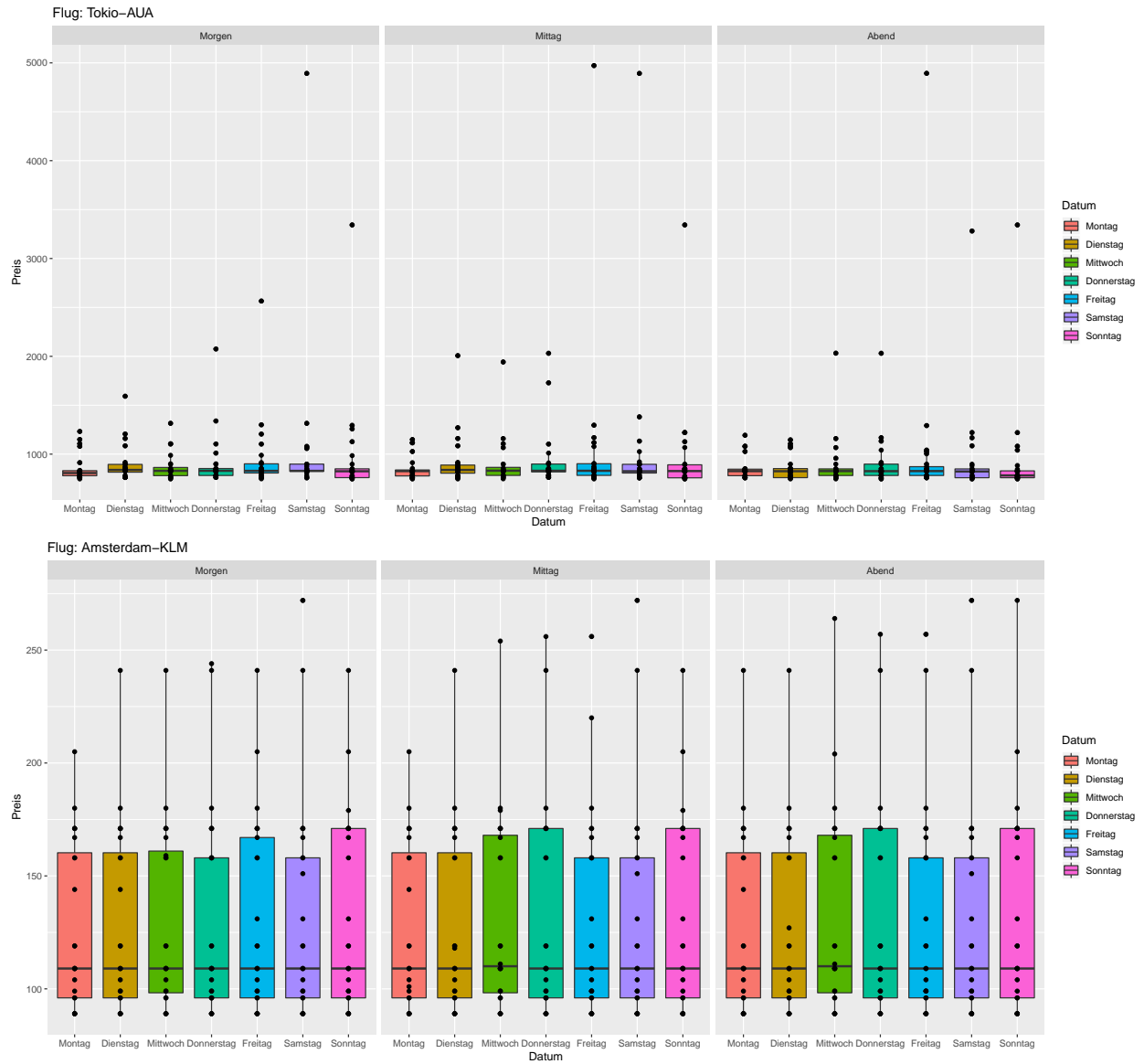
```

Box-Plot - Einzelflüge

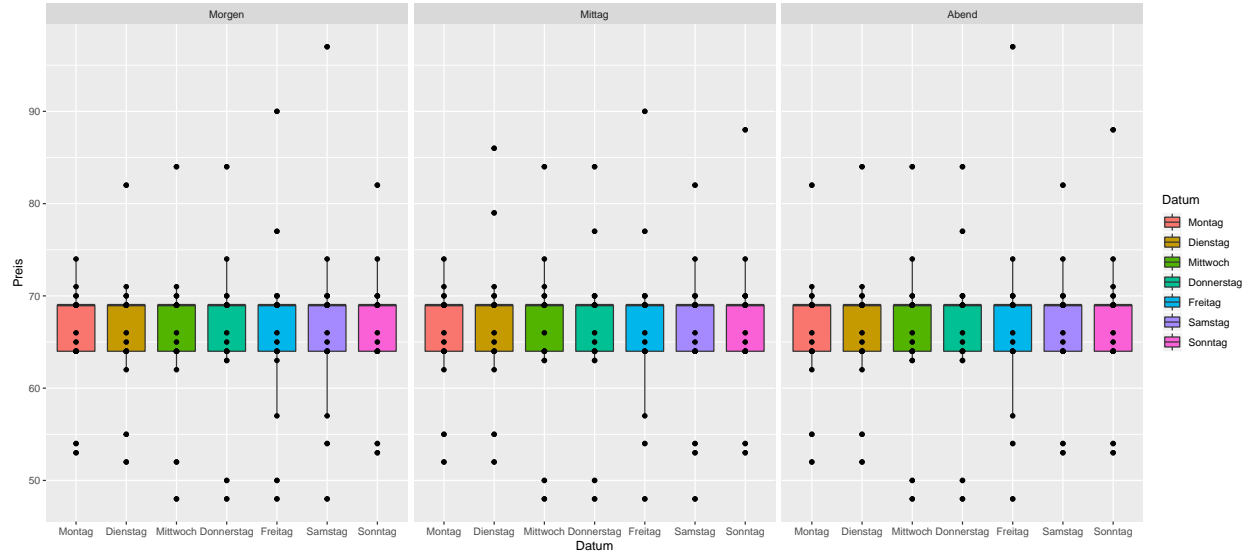




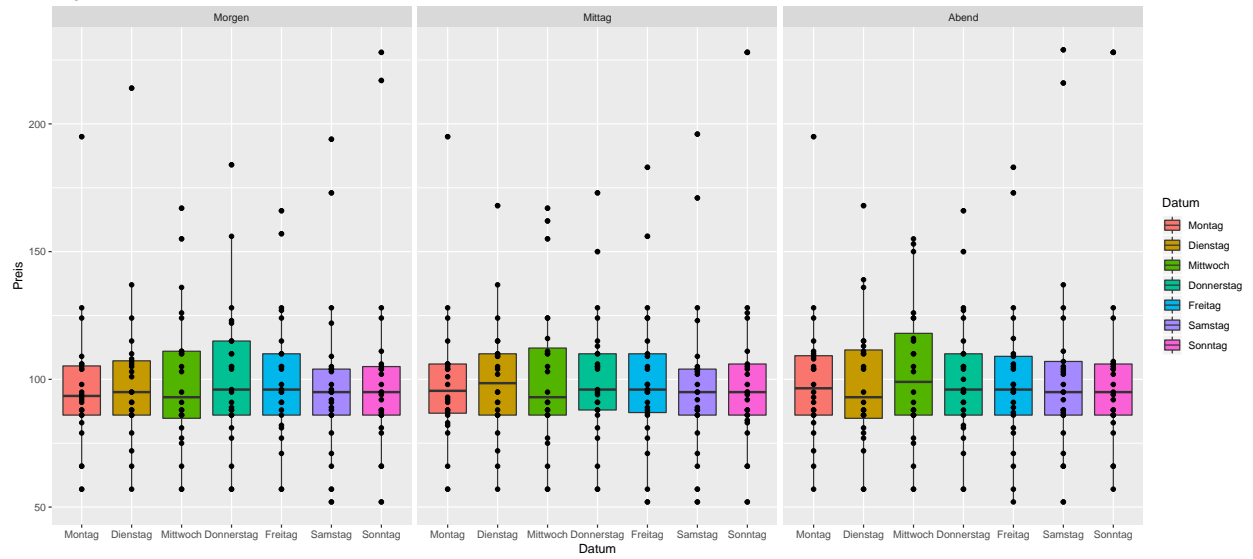


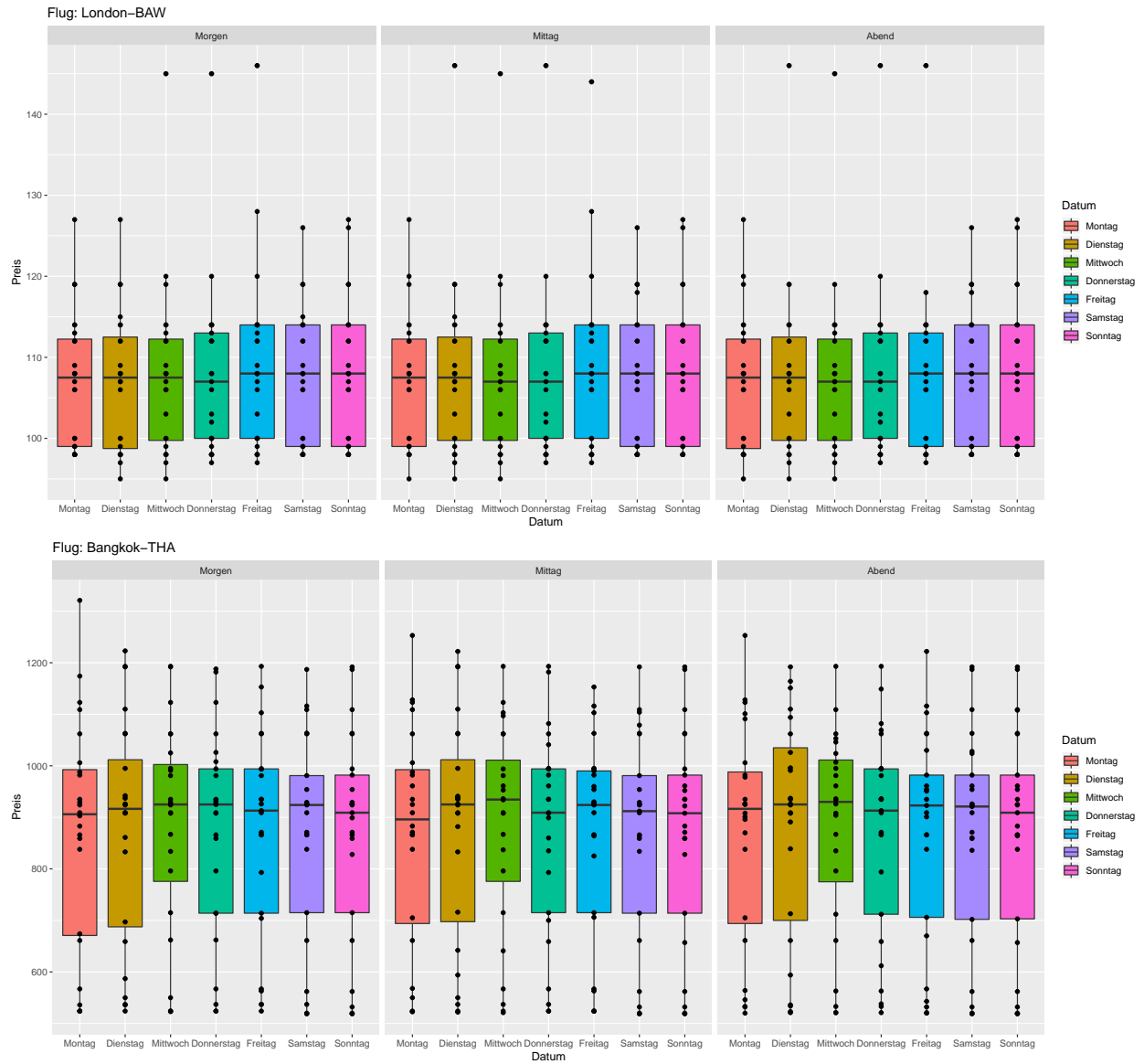


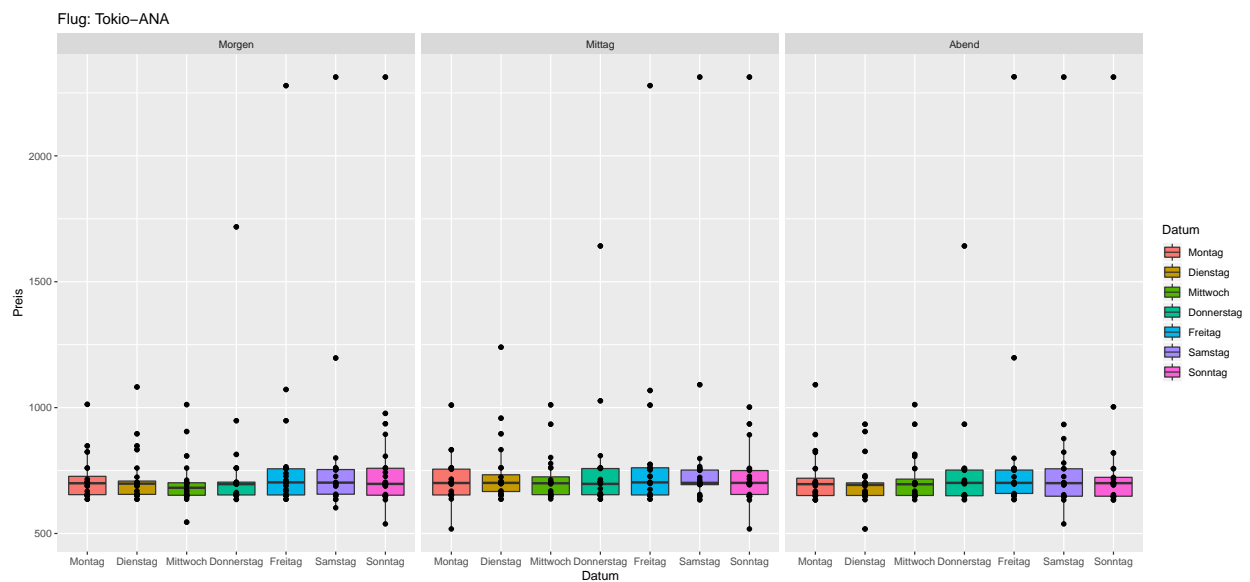
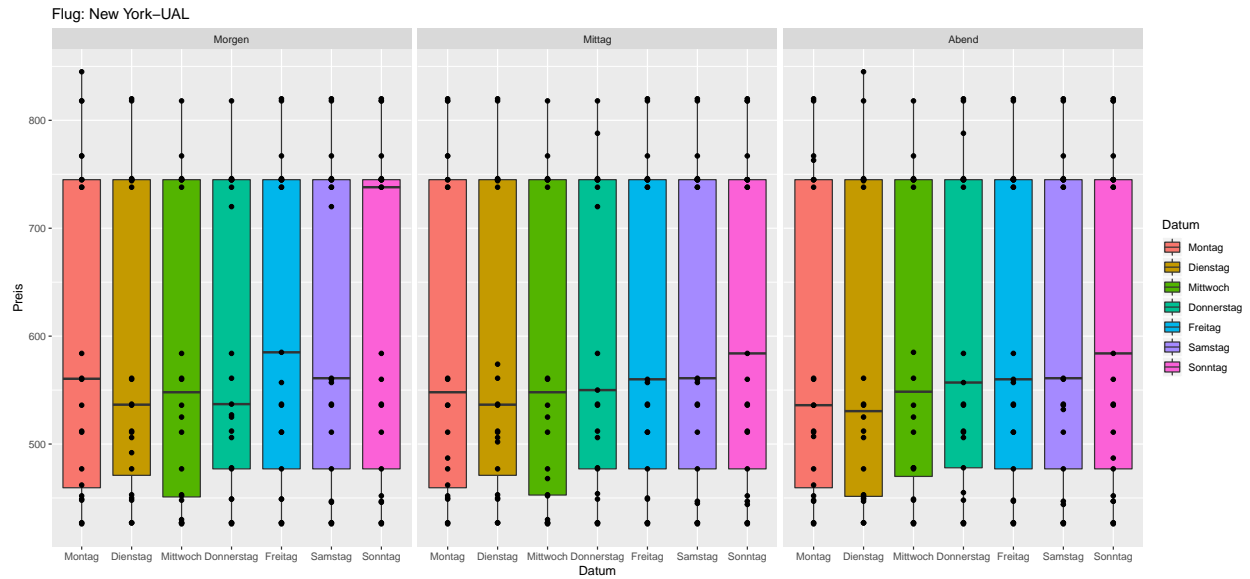
Flug: Berlin-EZY



Flug: Lissabon-LDM







ANOVA

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

```
##
```

```
## ANOVA
```

```
##
```

```
## ANOVA
```

```
##
```

	Sum of Squares	df	Mean Square	F	p	<U+03B7> ² p
Datum	11725	6	1954	0.8250	0.551	0.010
Zeit	355	2	178	0.0750	0.928	0.000
Residuals	1201007	507	2369			

```
##
```

```
##
```

```
##
```

```
## ESTIMATED MARGINAL MEANS
```

```
##
```

```
## DATUM:ZEIT
```

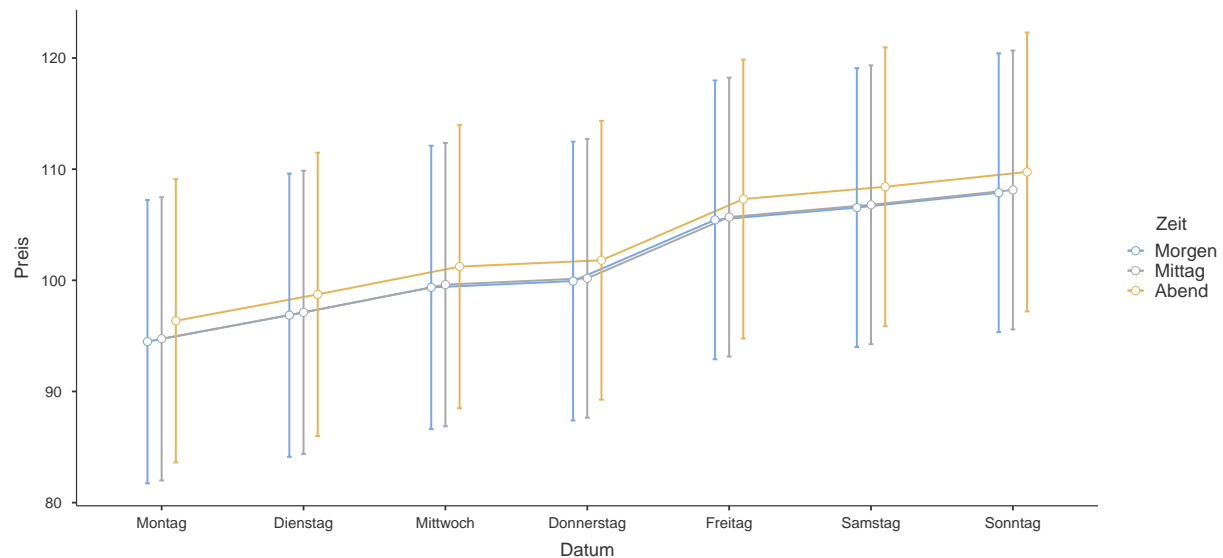
```
##
```

```
## Estimated Marginal Means - Datum:Zeit
```

```
##
```

##	Zeit	Datum	Mean	SE	Lower	Upper
##	Morgen	Montag	94.5	6.49	81.7	107
##		Dienstag	96.9	6.49	84.1	110
##		Mittwoch	99.4	6.49	86.6	112
##		Donnerstag	99.9	6.38	87.4	112
##		Freitag	105.4	6.38	92.9	118
##		Samstag	106.5	6.38	94.0	119
##		Sonntag	107.9	6.38	95.3	120
##	Mittag	Montag	94.7	6.49	82.0	107
##		Dienstag	97.1	6.49	84.4	110
##		Mittwoch	99.6	6.49	86.9	112
##		Donnerstag	100.2	6.38	87.6	113
##		Freitag	105.7	6.38	93.1	118
##		Samstag	106.8	6.38	94.3	119
##		Sonntag	108.1	6.38	95.6	121
##	Abend	Montag	96.4	6.49	83.6	109
##		Dienstag	98.7	6.49	86.0	111
##		Mittwoch	101.2	6.49	88.5	114
##		Donnerstag	101.8	6.38	89.3	114
##		Freitag	107.3	6.38	94.8	120
##		Samstag	108.4	6.38	95.9	121
##		Sonntag	109.8	6.38	97.2	122

```
##
```



```
##
```

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

```
##
```

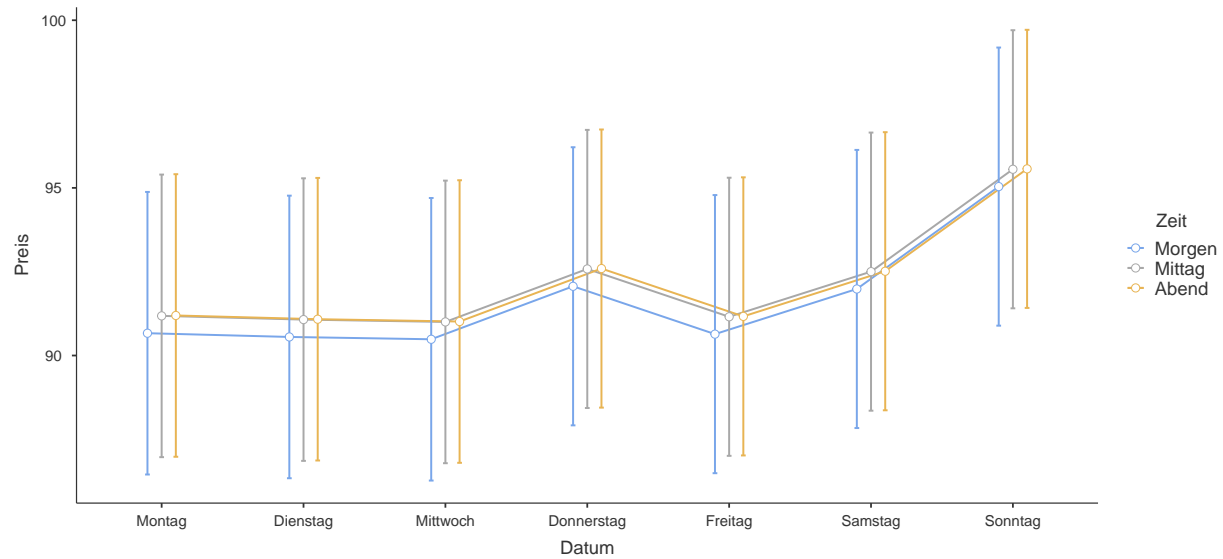
```
## ANOVA
```

```
##
```

```

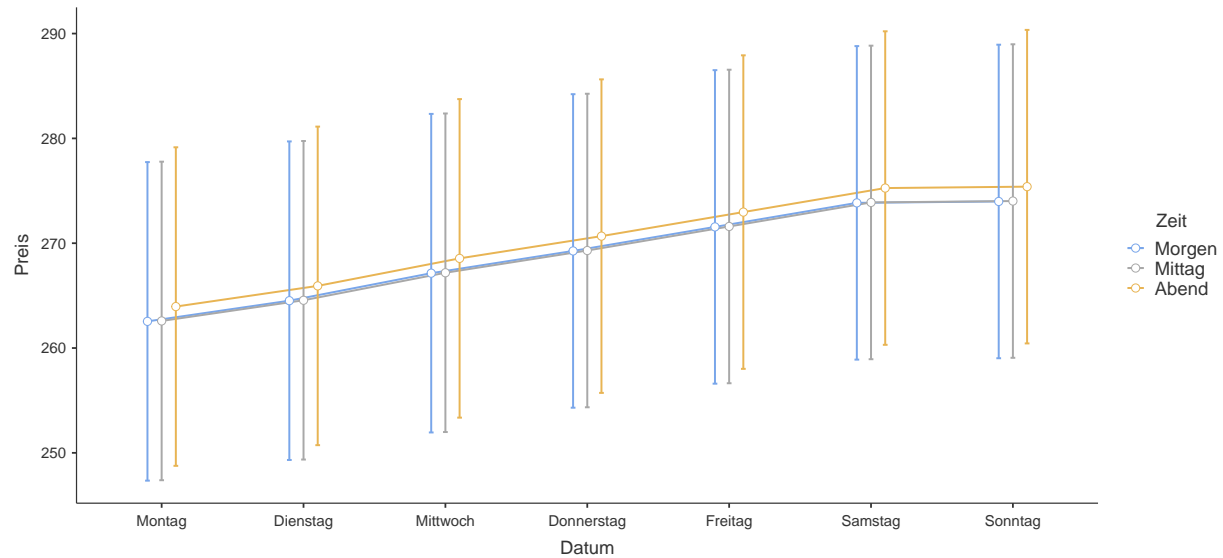
## ANOVA
## -----
##              Sum of Squares    df    Mean Square    F        p        <U+03B7>²p
## -----
## Datum              1213.1         6         202.2    0.7807    0.585    0.009
## Zeit                31.4          2          15.7    0.0606    0.941    0.000
## Residuals         131297.5       507         259.0
## -----
##
##
## ESTIMATED MARGINAL MEANS
##
## DATUM:ZEIT
##
## Estimated Marginal Means - Datum:Zeit
## -----
##      Zeit      Datum      Mean      SE      Lower      Upper
## -----
## Morgen  Montag      90.7      2.14      86.5      94.9
##          Dienstag    90.6      2.14      86.3      94.8
##          Mittwoch     90.5      2.14      86.3      94.7
##          Donnerstag    92.1      2.11      87.9      96.2
##          Freitag      90.6      2.11      86.5      94.8
##          Samstag      92.0      2.11      87.8      96.1
##          Sonntag      95.0      2.11      90.9      99.2
## Mittag  Montag      91.2      2.14      87.0      95.4
##          Dienstag    91.1      2.14      86.9      95.3
##          Mittwoch     91.0      2.14      86.8      95.2
##          Donnerstag    92.6      2.11      88.4      96.7
##          Freitag      91.2      2.11      87.0      95.3
##          Samstag      92.5      2.11      88.4      96.6
##          Sonntag      95.6      2.11      91.4      99.7
## Abend  Montag      91.2      2.14      87.0      95.4
##          Dienstag    91.1      2.14      86.9      95.3
##          Mittwoch     91.0      2.14      86.8      95.2
##          Donnerstag    92.6      2.11      88.4      96.7
##          Freitag      91.2      2.11      87.0      95.3
##          Samstag      92.5      2.11      88.4      96.7
##          Sonntag      95.6      2.11      91.4      99.7
## -----

```



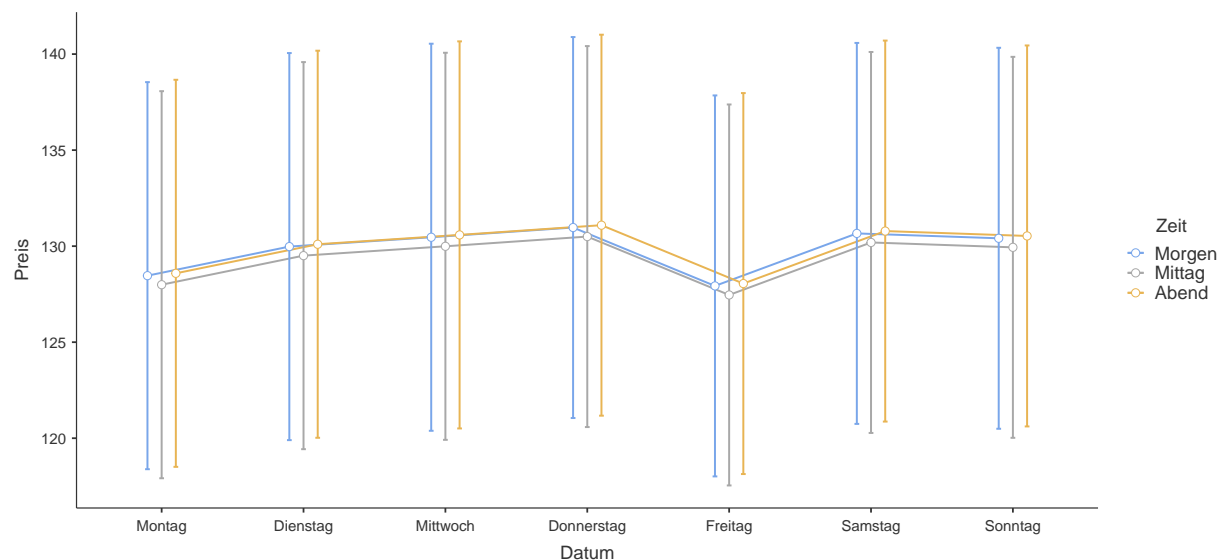
```
##
## $`Flug: Lissabon-AUA`
##
## ANOVA
##
## ANOVA
## -----
##              Sum of Squares    df    Mean Square    F        p        <U+03B7>²p
## -----
## Datum              8817         6         1470    0.4364    0.855    0.005
## Zeit                222         2         111    0.0330    0.968    0.000
## Residuals        1707103       507        3367
## -----
##
## ESTIMATED MARGINAL MEANS
##
## DATUM:ZEIT
##
## Estimated Marginal Means - Datum:Zeit
## -----
##      Zeit      Datum      Mean    SE      Lower    Upper
## -----
## Morgen  Montag      263     7.73     247     278
##          Dienstag    265     7.73     249     280
##          Mittwoch     267     7.73     252     282
##          Donnerstag    269     7.61     254     284
##          Freitag      272     7.61     257     287
##          Samstag      274     7.61     259     289
##          Sonntag      274     7.61     259     289
## Mittag  Montag      263     7.73     247     278
##          Dienstag    265     7.73     249     280
##          Mittwoch     267     7.73     252     282
##          Donnerstag    269     7.61     254     284
##          Freitag      272     7.61     257     287
```

```
##          Samstag      274    7.61    259    289
##          Sonntag      274    7.61    259    289
##  Abend Montag        264    7.73    249    279
##          Dienstag     266    7.73    251    281
##          Mittwoch      269    7.73    253    284
##          Donnerstag     271    7.61    256    286
##          Freitag       273    7.61    258    288
##          Samstag       275    7.61    260    290
##          Sonntag       275    7.61    260    290
## -----
```



```
##
## $`Flug: London-AUA`
##
## ANOVA
##
## ANOVA
## -----
##          Sum of Squares    df    Mean Square    F        p        <U+03B7>²p
## -----
## Datum          610.3         6         101.7    0.0687    0.999    0.001
## Zeit           33.7          2          16.9    0.0114    0.989    0.000
## Residuals    750808.4      507        1480.9
## -----
##
##
## ESTIMATED MARGINAL MEANS
##
## DATUM:ZEIT
##
## Estimated Marginal Means - Datum:Zeit
## -----
##      Zeit      Datum      Mean    SE      Lower    Upper
## -----
## Morgen Montag      128    5.13     118     139
##          Dienstag   130    5.13     120     140
```

```
##           Mittwoch      130    5.13    120    141
##           Donnerstag     131    5.05    121    141
##           Freitag        128    5.05    118    138
##           Samstag        131    5.05    121    141
##           Sonntag        130    5.05    120    140
##   Mittag Montag         128    5.13    118    138
##           Dienstag       130    5.13    119    140
##           Mittwoch        130    5.13    120    140
##           Donnerstag       130    5.05    121    140
##           Freitag         127    5.05    118    137
##           Samstag         130    5.05    120    140
##           Sonntag         130    5.05    120    140
##   Abend  Montag         129    5.13    119    139
##           Dienstag       130    5.13    120    140
##           Mittwoch        131    5.13    121    141
##           Donnerstag       131    5.05    121    141
##           Freitag         128    5.05    118    138
##           Samstag         131    5.05    121    141
##           Sonntag         131    5.05    121    140
## -----
```



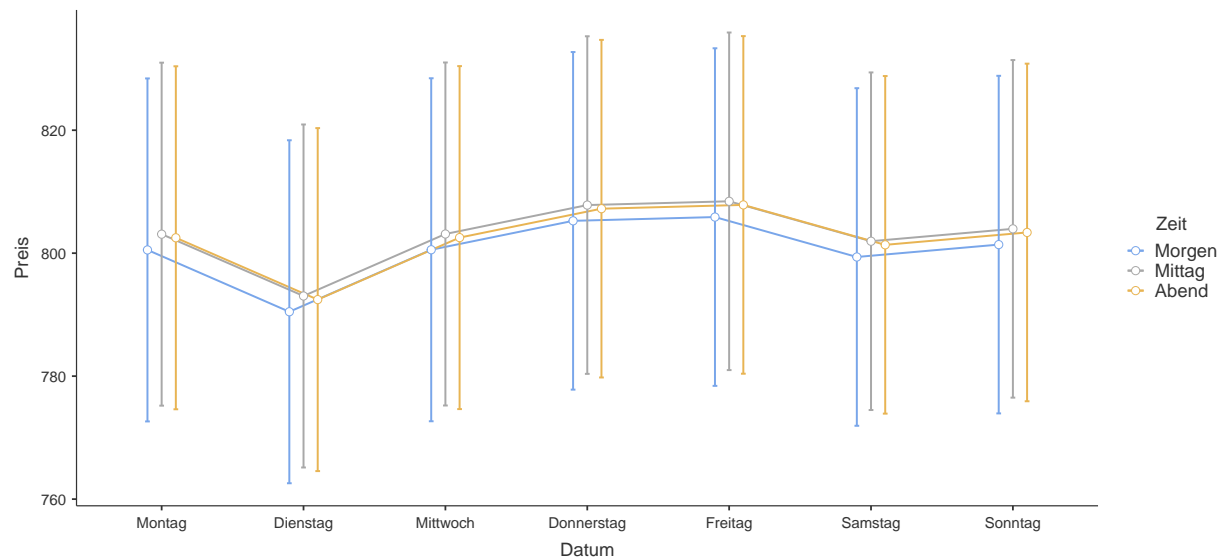
```
##
## $`Flug: Bangkok-AUA`
##
## ANOVA
##
## ANOVA
## -----
##           Sum of Squares    df    Mean Square    F        p        <U+03B7>²p
## -----
##   Datum           11257         6          1876    0.1654    0.986    0.002
##   Zeit              621         2           310    0.0274    0.973    0.000
##   Residuals      5752354      507        11346
## -----
##
##
```



```

## ESTIMATED MARGINAL MEANS
##
## DATUM:ZEIT
##
## Estimated Marginal Means - Datum:Zeit
## -----
##      Zeit      Datum      Mean      SE      Lower      Upper
## -----
##      Morgen    Montag      801      14.2      773      828
##      Morgen    Dienstag    790      14.2      763      818
##      Morgen    Mittwoch     801      14.2      773      828
##      Morgen    Donnerstag    805      14.0      778      833
##      Morgen    Freitag      806      14.0      778      833
##      Morgen    Samstag      799      14.0      772      827
##      Morgen    Sonntag      801      14.0      774      829
##      Mittag     Montag      803      14.2      775      831
##      Mittag     Dienstag    793      14.2      765      821
##      Mittag     Mittwoch     803      14.2      775      831
##      Mittag     Donnerstag    808      14.0      780      835
##      Mittag     Freitag      808      14.0      781      836
##      Mittag     Samstag      802      14.0      774      829
##      Mittag     Sonntag      804      14.0      777      831
##      Abend      Montag      803      14.2      775      830
##      Abend      Dienstag    792      14.2      765      820
##      Abend      Mittwoch     803      14.2      775      830
##      Abend      Donnerstag    807      14.0      780      835
##      Abend      Freitag      808      14.0      780      835
##      Abend      Samstag      801      14.0      774      829
##      Abend      Sonntag      803      14.0      776      831
## -----

```



```

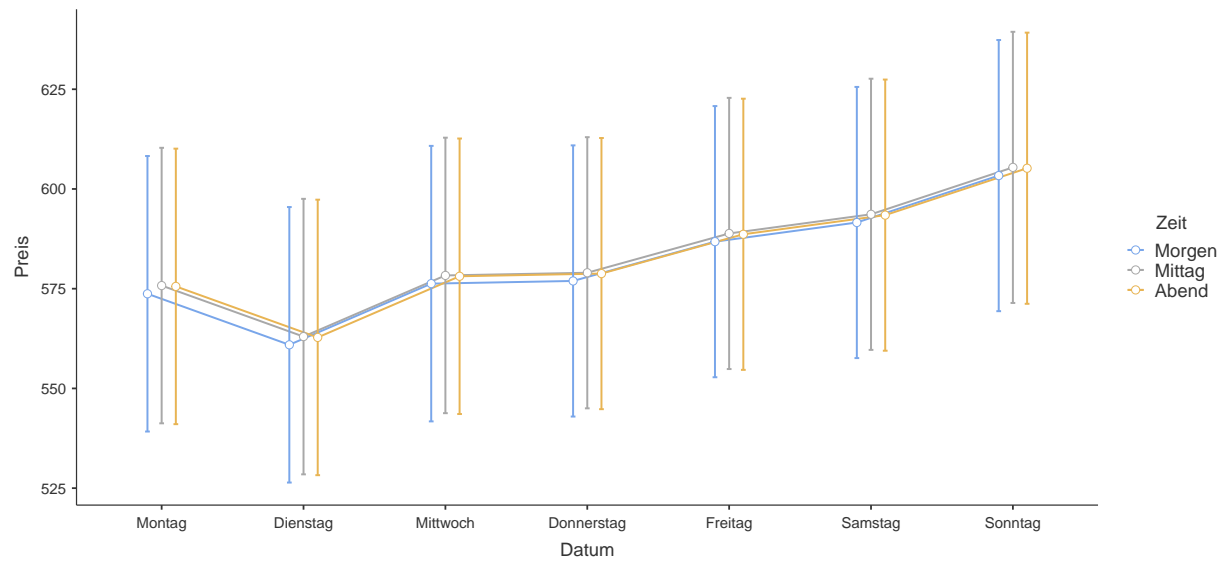
##
## $`Flug: New York-AUA`
##
## ANOVA
##

```

```

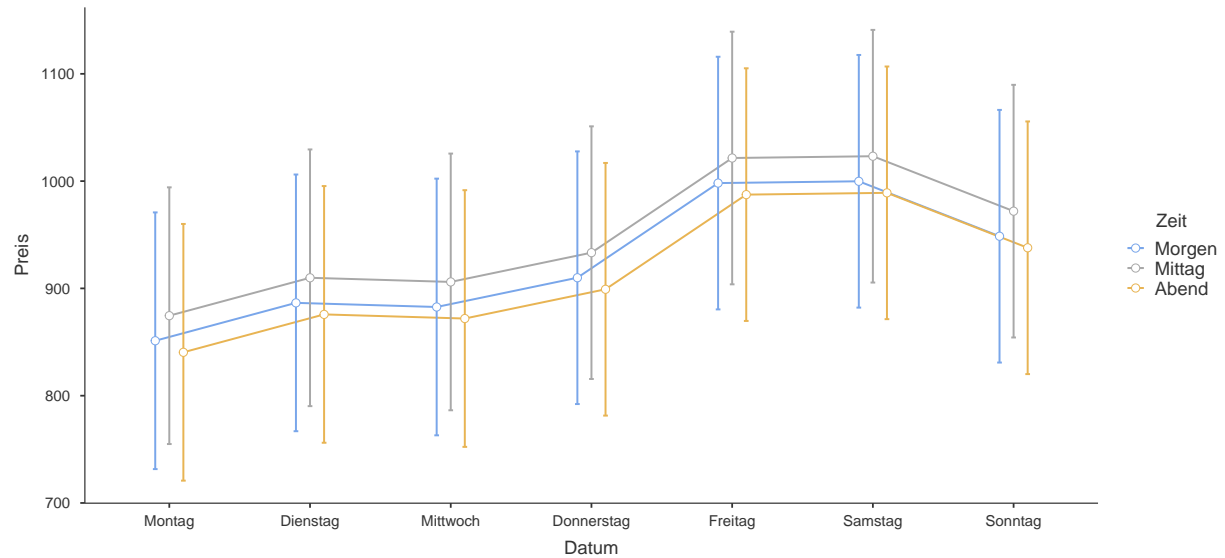
## ANOVA
## -----
##              Sum of Squares    df    Mean Square    F        p        <U+03B7>²p
## -----
## Datum              83883         6         13981    0.8039    0.567    0.009
## Zeit                441          2          221    0.0127    0.987    0.000
## Residuals          8817187       507         17391
## -----
##
##
## ESTIMATED MARGINAL MEANS
##
## DATUM:ZEIT
##
## Estimated Marginal Means - Datum:Zeit
## -----
##      Zeit      Datum      Mean      SE      Lower      Upper
## -----
## Morgen  Montag      574      17.6      539      608
##          Dienstag    561      17.6      526      595
##          Mittwoch     576      17.6      542      611
##          Donnerstag    577      17.3      543      611
##          Freitag      587      17.3      553      621
##          Samstag      592      17.3      558      626
##          Sonntag      603      17.3      569      637
## Mittag  Montag      576      17.6      541      610
##          Dienstag    563      17.6      528      598
##          Mittwoch     578      17.6      544      613
##          Donnerstag    579      17.3      545      613
##          Freitag      589      17.3      555      623
##          Samstag      594      17.3      560      628
##          Sonntag      605      17.3      571      639
## Abend  Montag      576      17.6      541      610
##          Dienstag    563      17.6      528      597
##          Mittwoch     578      17.6      544      613
##          Donnerstag    579      17.3      545      613
##          Freitag      589      17.3      555      623
##          Samstag      593      17.3      559      627
##          Sonntag      605      17.3      571      639
## -----

```



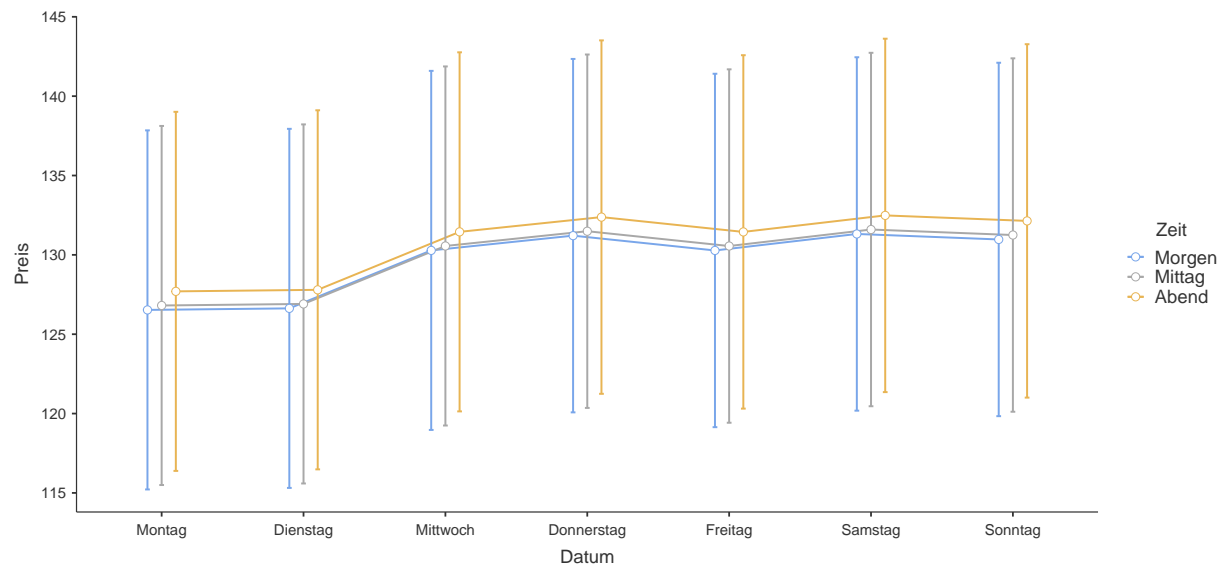
```
##
## $`Flug: Tokio-AUA`
##
## ANOVA
##
## ANOVA
## -----
##              Sum of Squares    df    Mean Square    F        p        <U+03B7>2p
## -----
## Datum              1507480         6         251247    1.204    0.303    0.014
## Zeit                104720         2         52360     0.251    0.778    0.001
## Residuals          1.06e+8       507         208718
## -----
##
## ESTIMATED MARGINAL MEANS
##
## DATUM:ZEIT
##
## Estimated Marginal Means - Datum:Zeit
## -----
##      Zeit      Datum      Mean    SE      Lower    Upper
## -----
##      Morgen    Montag      851    60.9     732     971
##              Dienstag     887    60.9     767    1006
##              Mittwoch     883    60.9     763    1002
##              Donnerstag     910    59.9     792    1028
##              Freitag      998    59.9     880    1116
##              Samstag     1000    59.9     882    1118
##              Sonntag      949    59.9     831    1066
##      Mittag    Montag      875    60.9     755     994
##              Dienstag     910    60.9     790    1030
##              Mittwoch     906    60.9     786    1026
##              Donnerstag     933    59.9     816    1051
##              Freitag     1022    59.9     904    1139
```

```
##          Samstag      1023    59.9    905    1141
##          Sonntag      972    59.9    854    1090
##   Abend  Montag       840    60.9    721    960
##          Dienstag     876    60.9    756    995
##          Mittwoch     872    60.9    752    992
##          Donnerstag    899    59.9    781    1017
##          Freitag      987    59.9    870    1105
##          Samstag      989    59.9    871    1107
##          Sonntag      938    59.9    820    1056
## -----
```



```
##
## $`Flug: Amsterdam-KLM`
##
## ANOVA
##
## ANOVA
## -----
##          Sum of Squares    df    Mean Square    F        p        <U+03B7>²p
## -----
##   Datum          1938         6         323.0    0.1730    0.984    0.002
##   Zeit           128         2         64.1    0.0343    0.966    0.000
##   Residuals     946289      507        1866.4
## -----
##
##
## ESTIMATED MARGINAL MEANS
##
## DATUM:ZEIT
##
## Estimated Marginal Means - Datum:Zeit
## -----
##   Zeit    Datum    Mean    SE    Lower    Upper
## -----
##   Morgen  Montag    127    5.76    115     138
##           Dienstag  127    5.76    115     138
```

```
##           Mittwoch      130      5.76      119      142
##           Donnerstag     131      5.67      120      142
##           Freitag        130      5.67      119      141
##           Samstag        131      5.67      120      142
##           Sonntag        131      5.67      120      142
##   Mittag Montag        127      5.76      115      138
##           Dienstag       127      5.76      116      138
##           Mittwoch        131      5.76      119      142
##           Donnerstag       131      5.67      120      143
##           Freitag         131      5.67      119      142
##           Samstag         132      5.67      120      143
##           Sonntag         131      5.67      120      142
##   Abend  Montag        128      5.76      116      139
##           Dienstag       128      5.76      116      139
##           Mittwoch        131      5.76      120      143
##           Donnerstag       132      5.67      121      144
##           Freitag         131      5.67      120      143
##           Samstag         132      5.67      121      144
##           Sonntag         132      5.67      121      143
## -----
```



```
##
## $`Flug: Berlin-EZY`
##
## ANOVA
##
## ANOVA
## -----
##           Sum of Squares      df      Mean Square      F      p      <U+03B7>²p
## -----
##   Datum          26.30         6          4.38      0.1005  0.996  0.001
##   Zeit            2.16         2          1.08      0.0247  0.976  0.000
##   Residuals     22101.56      507          43.59
## -----
##
##
```

```
## ESTIMATED MARGINAL MEANS
```

```
##
```

```
## DATUM:ZEIT
```

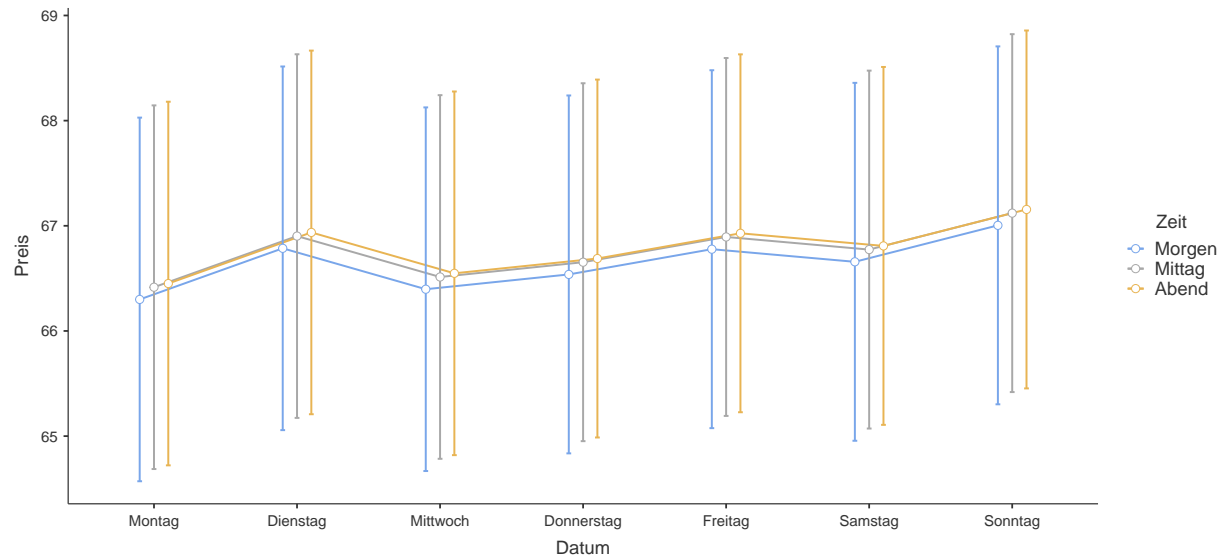
```
##
```

```
## Estimated Marginal Means - Datum:Zeit
```

```
##
```

Zeit	Datum	Mean	SE	Lower	Upper
Morgen	Montag	66.3	0.880	64.6	68.0
	Dienstag	66.8	0.880	65.1	68.5
	Mittwoch	66.4	0.880	64.7	68.1
	Donnerstag	66.5	0.866	64.8	68.2
	Freitag	66.8	0.866	65.1	68.5
	Samstag	66.7	0.866	65.0	68.4
	Sonntag	67.0	0.866	65.3	68.7
Mittag	Montag	66.4	0.880	64.7	68.1
	Dienstag	66.9	0.880	65.2	68.6
	Mittwoch	66.5	0.880	64.8	68.2
	Donnerstag	66.7	0.866	65.0	68.4
	Freitag	66.9	0.866	65.2	68.6
	Samstag	66.8	0.866	65.1	68.5
	Sonntag	67.1	0.866	65.4	68.8
Abend	Montag	66.5	0.880	64.7	68.2
	Dienstag	66.9	0.880	65.2	68.7
	Mittwoch	66.5	0.880	64.8	68.3
	Donnerstag	66.7	0.866	65.0	68.4
	Freitag	66.9	0.866	65.2	68.6
	Samstag	66.8	0.866	65.1	68.5
	Sonntag	67.2	0.866	65.5	68.9

```
##
```



```
##
```

```
## $`Flug: Lissabon-LDM`
```

```
##
```

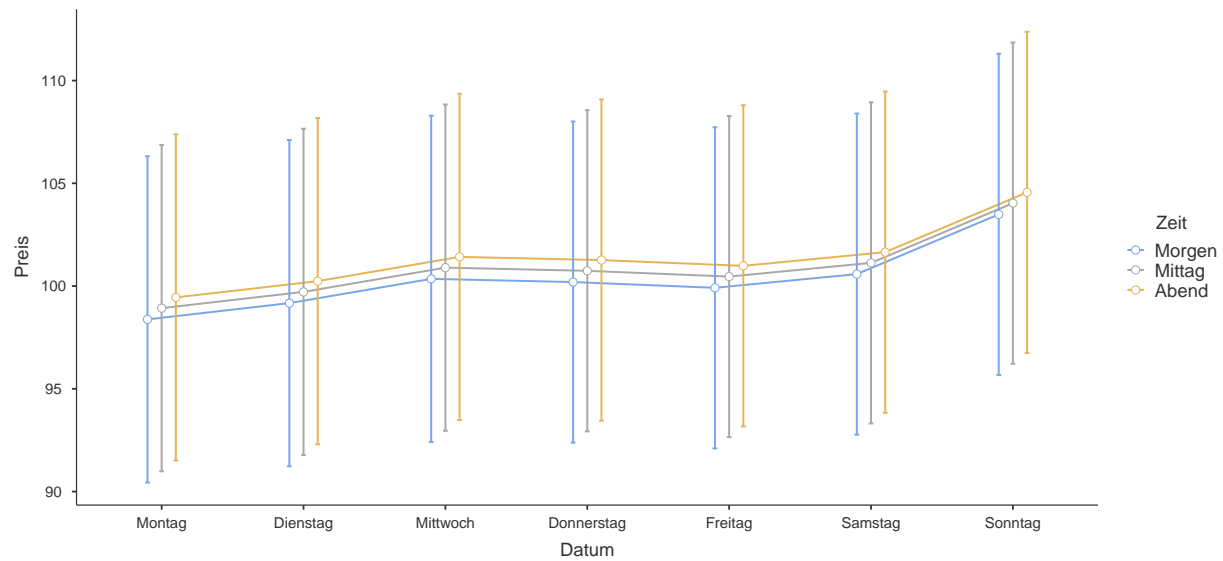
```
## ANOVA
```

```
##
```

```

## ANOVA
## -----
##              Sum of Squares    df    Mean Square    F        p        <U+03B7>²p
## -----
## Datum          1138.2         6        189.7    0.2063    0.975    0.002
## Zeit           98.4          2         49.2    0.0535    0.948    0.000
## Residuals     466126.2       507        919.4
## -----
##
##
## ESTIMATED MARGINAL MEANS
##
## DATUM:ZEIT
##
## Estimated Marginal Means - Datum:Zeit
## -----
##      Zeit      Datum      Mean      SE      Lower      Upper
## -----
## Morgen  Montag      98.4      4.04      90.4      106
##          Dienstag    99.2      4.04      91.2      107
##          Mittwoch    100.4     4.04      92.4      108
##          Donnerstag   100.2     3.98      92.4      108
##          Freitag      99.9     3.98      92.1      108
##          Samstag     100.6     3.98      92.8      108
##          Sonntag     103.5     3.98      95.7      111
## Mittag  Montag      98.9      4.04      91.0      107
##          Dienstag    99.7      4.04      91.8      108
##          Mittwoch    100.9     4.04      93.0      109
##          Donnerstag   100.7     3.98      92.9      109
##          Freitag     100.5     3.98      92.6      108
##          Samstag     101.1     3.98      93.3      109
##          Sonntag     104.0     3.98      96.2      112
## Abend   Montag      99.4      4.04      91.5      107
##          Dienstag    100.2     4.04      92.3      108
##          Mittwoch    101.4     4.04      93.5      109
##          Donnerstag   101.3     3.98      93.4      109
##          Freitag     101.0     3.98      93.2      109
##          Samstag     101.7     3.98      93.8      109
##          Sonntag     104.6     3.98      96.7      112
## -----

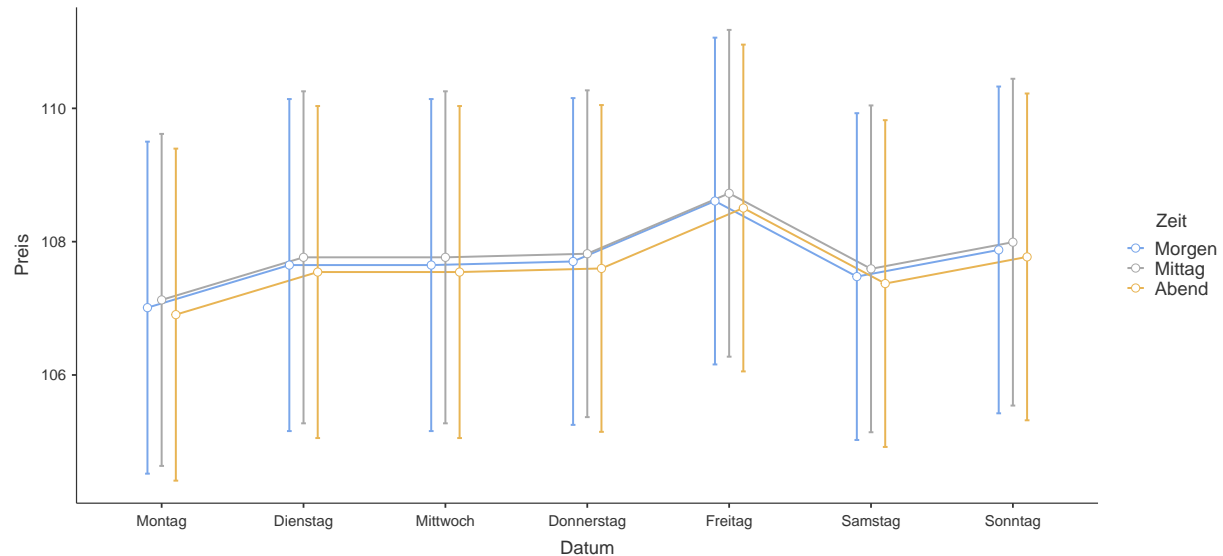
```



```
##
## $`Flug: London-BAW`
##
## ANOVA
##
## ANOVA
## -----
##              Sum of Squares    df    Mean Square    F        p        <U+03B7>²p
## -----
## Datum              102.66         6         17.11    0.1891    0.980    0.002
## Zeit                4.20          2          2.10    0.0232    0.977    0.000
## Residuals        45861.40       507         90.46
## -----
##
##
## ESTIMATED MARGINAL MEANS
##
## DATUM:ZEIT
##
## Estimated Marginal Means - Datum:Zeit
## -----
##      Zeit      Datum      Mean    SE      Lower    Upper
## -----
## Morgen Montag      107     1.27     105     110
##           Dienstag   108     1.27     105     110
##           Mittwoch    108     1.27     105     110
##           Donnerstag   108     1.25     105     110
##           Freitag     109     1.25     106     111
##           Samstag     107     1.25     105     110
##           Sonntag     108     1.25     105     110
## Mittag Montag      107     1.27     105     110
##           Dienstag   108     1.27     105     110
##           Mittwoch    108     1.27     105     110
##           Donnerstag   108     1.25     105     110
##           Freitag     109     1.25     106     111
```

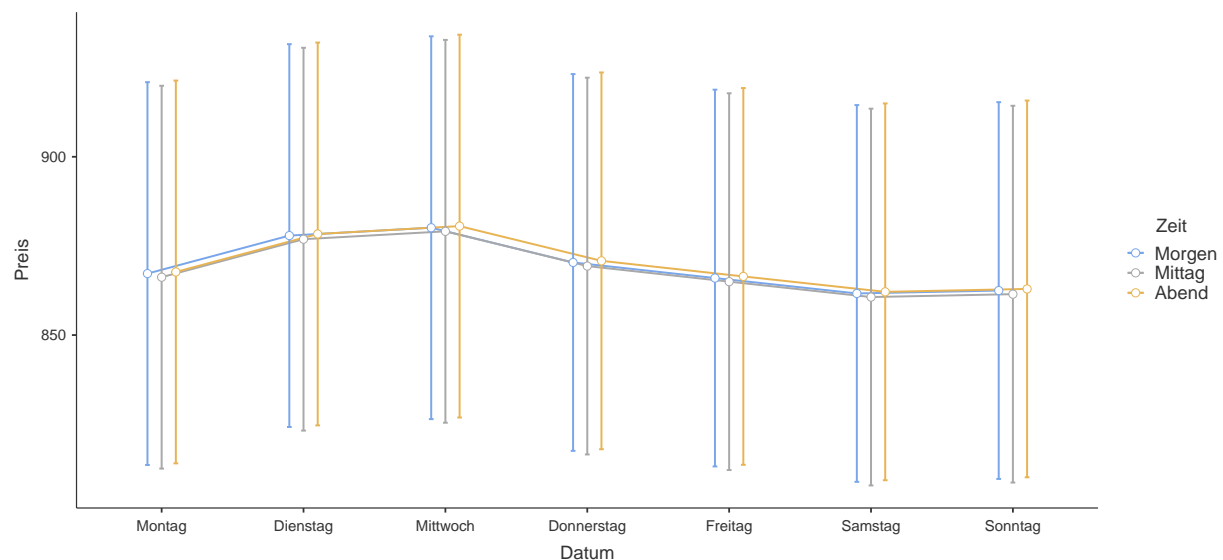


```
##          Samstag      108      1.25      105      110
##          Sonntag      108      1.25      106      110
##  Abend  Montag       107      1.27      104      109
##          Dienstag     108      1.27      105      110
##          Mittwoch     108      1.27      105      110
##          Donnerstag    108      1.25      105      110
##          Freitag      109      1.25      106      111
##          Samstag      107      1.25      105      110
##          Sonntag      108      1.25      105      110
##  -----
```



```
##
## $`Flug: Bangkok-THA`
##
## ANOVA
##
## ANOVA
## -----
##          Sum of Squares    df    Mean Square    F        p        <U+03B7>2p
## -----
## Datum          22793         6         3798.9    0.09040    0.997    0.001
## Zeit             194         2          96.8    0.00230    0.998    0.000
## Residuals    2.13e+7       507        42023.9
## -----
##
##
## ESTIMATED MARGINAL MEANS
##
## DATUM:ZEIT
##
## Estimated Marginal Means - Datum:Zeit
## -----
##      Zeit      Datum      Mean    SE    Lower    Upper
## -----
##      Morgen  Montag      867    27.3     814     921
##              Dienstag    878    27.3     824     932
```

```
##           Mittwoch      880    27.3    826    934
##           Donnerstag    870    26.9    818    923
##           Freitag      866    26.9    813    919
##           Samstag      862    26.9    809    915
##           Sonntag      862    26.9    810    915
##   Mittag Montag      866    27.3    813    920
##           Dienstag    877    27.3    823    931
##           Mittwoch      879    27.3    825    933
##           Donnerstag    869    26.9    817    922
##           Freitag      865    26.9    812    918
##           Samstag      861    26.9    808    913
##           Sonntag      861    26.9    809    914
##   Abend  Montag      868    27.3    814    921
##           Dienstag    878    27.3    825    932
##           Mittwoch      881    27.3    827    934
##           Donnerstag    871    26.9    818    924
##           Freitag      866    26.9    814    919
##           Samstag      862    26.9    809    915
##           Sonntag      863    26.9    810    916
## -----
```



```
##
## $`Flug: New York-UAL`
##
## ANOVA
##
## ANOVA
## -----
##           Sum of Squares    df    Mean Square    F        p        <U+03B7>²p
## -----
##   Datum           75717         6         12620    0.6132    0.720    0.007
##   Zeit              599         2           300    0.0146    0.986    0.000
##   Residuals     1.04e+7       507         20580
## -----
##
##
```

```
## ESTIMATED MARGINAL MEANS
```

```
##
```

```
## DATUM:ZEIT
```

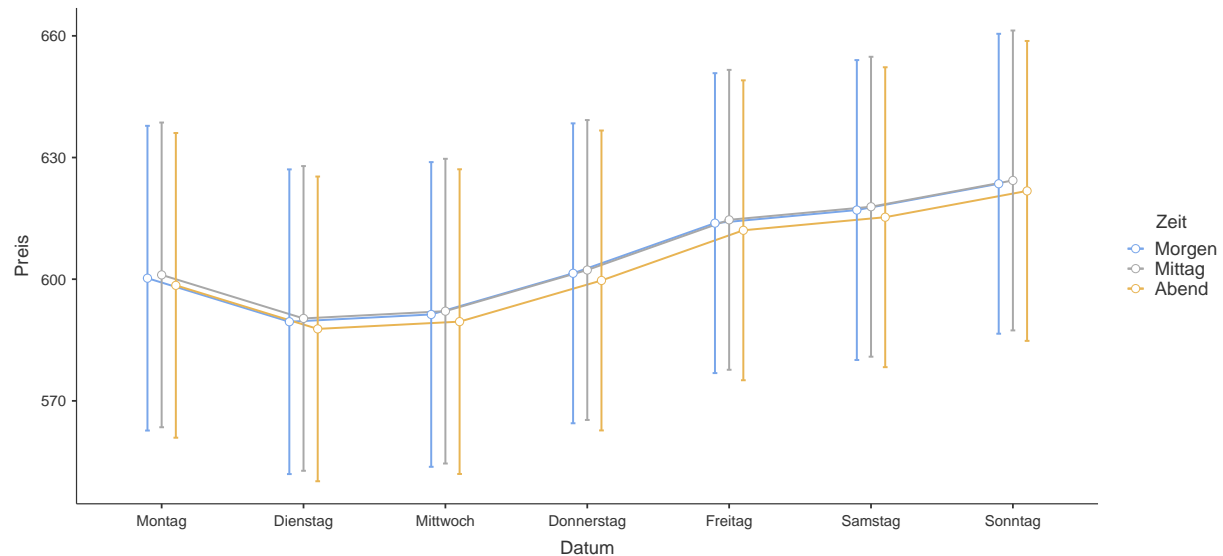
```
##
```

```
## Estimated Marginal Means - Datum:Zeit
```

```
##
```

##	Zeit	Datum	Mean	SE	Lower	Upper
##	Morgen	Montag	600	19.1	563	638
##		Dienstag	590	19.1	552	627
##		Mittwoch	591	19.1	554	629
##		Donnerstag	601	18.8	564	638
##		Freitag	614	18.8	577	651
##		Samstag	617	18.8	580	654
##		Sonntag	624	18.8	587	661
##	Mittag	Montag	601	19.1	563	639
##		Dienstag	590	19.1	553	628
##		Mittwoch	592	19.1	555	630
##		Donnerstag	602	18.8	565	639
##		Freitag	615	18.8	578	652
##		Samstag	618	18.8	581	655
##		Sonntag	624	18.8	587	661
##	Abend	Montag	598	19.1	561	636
##		Dienstag	588	19.1	550	625
##		Mittwoch	590	19.1	552	627
##		Donnerstag	600	18.8	563	637
##		Freitag	612	18.8	575	649
##		Samstag	615	18.8	578	652
##		Sonntag	622	18.8	585	659

```
##
```



```
##
```

```
## $`Flug: Tokio-ANA`
```

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## ANOVA
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##
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## ANOVA
## -----
##              Sum of Squares    df    Mean Square    F        p        <U+03B7>²p
## -----
## Datum          505714         6        84286    1.4780    0.184    0.017
## Zeit           6336          2         3168    0.0556    0.946    0.000
## Residuals     2.89e+7       507        57027
## -----
##
## ESTIMATED MARGINAL MEANS
##
## DATUM:ZEIT
##
## Estimated Marginal Means - Datum:Zeit
## -----
##      Zeit      Datum      Mean      SE      Lower      Upper
## -----
## Morgen  Montag      714      31.8      652      777
##          Dienstag    719      31.8      656      781
##          Mittwoch     710      31.8      648      773
##          Donnerstag    741      31.3      679      802
##          Freitag      786      31.3      724      847
##          Samstag      780      31.3      719      842
##          Sonntag      779      31.3      717      841
## Mittag  Montag      719      31.8      657      782
##          Dienstag    724      31.8      661      786
##          Mittwoch     715      31.8      653      778
##          Donnerstag    745      31.3      684      807
##          Freitag      790      31.3      729      852
##          Samstag      785      31.3      724      847
##          Sonntag      784      31.3      722      845
## Abend  Montag      711      31.8      648      773
##          Dienstag    715      31.8      653      778
##          Mittwoch     707      31.8      644      769
##          Donnerstag    737      31.3      675      798
##          Freitag      782      31.3      720      843
##          Samstag      777      31.3      715      838
##          Sonntag      775      31.3      714      837
## -----

```

