

Hypothese7

Silas Nöttling

19.4.2020

Deskriptive Statistik - Einzelflüge

```
## $`Flug: Amsterdam-AUA`
##
## DESCRIPTIVES
##
## Descriptives
## -----
##               Preis      Datenzugriff
## -----
##      N              420              420
##      Missing          0              0
##      Mean            425
##      Median          252
##      Standard deviation 356
##      Minimum         48.0
##      Maximum        1359
## -----
##
##
## FREQUENCIES
##
## Frequencies of Datenzugriff
## -----
##      Levels      Counts      % of Total      Cumulative %
## -----
##      Website      280          66.7          66.7
##      Reise-Website 140          33.3          100.0
## -----
##
##
## $`Flug: Berlin-AUA`
##
## DESCRIPTIVES
##
## Descriptives
## -----
##               Preis      Datenzugriff
## -----
##      N              420              420
##      Missing          0              0
##      Mean            425
##      Median          252
##      Standard deviation 356
##      Minimum         48.0
##      Maximum        1359
## -----
```

```

##
##
## FREQUENCIES
##
## Frequencies of Datenzugriff
## -----
##      Levels           Counts      % of Total      Cumulative %
## -----
##      Website           280          66.7          66.7
##      Reise-Website     140          33.3          100.0
## -----
##
##
## $`Flug: Lissabon-AUA`
##
## DESCRIPTIVES
##
## Descriptives
## -----
##              Preis      Datenzugriff
## -----
##      N              420          420
##      Missing         0           0
##      Mean            425
##      Median           252
##      Standard deviation 356
##      Minimum          48.0
##      Maximum         1359
## -----
##
##
##
## FREQUENCIES
##
## Frequencies of Datenzugriff
## -----
##      Levels           Counts      % of Total      Cumulative %
## -----
##      Website           280          66.7          66.7
##      Reise-Website     140          33.3          100.0
## -----
##
##
##
## $`Flug: London-AUA`
##
## DESCRIPTIVES
##
## Descriptives
## -----
##              Preis      Datenzugriff
## -----
##      N              420          420
##      Missing         0           0
##      Mean            425
##      Median           252

```

```

##      Standard deviation      356
##      Minimum                48.0
##      Maximum                1359
## -----
##
##
## FREQUENCIES
##
## Frequencies of Datenzugriff
## -----
##      Levels          Counts    % of Total    Cumulative %
## -----
##      Website          280        66.7         66.7
##      Reise-Website    140        33.3        100.0
## -----
##
##
## $`Flug: Bangkok-AUA`
##
## DESCRIPTIVES
##
## Descriptives
## -----
##
##              Preis      Datenzugriff
## -----
##      N              420           420
##      Missing         0           0
##      Mean            425
##      Median          252
##      Standard deviation 356
##      Minimum         48.0
##      Maximum        1359
## -----
##
##
##
## FREQUENCIES
##
## Frequencies of Datenzugriff
## -----
##      Levels          Counts    % of Total    Cumulative %
## -----
##      Website          280        66.7         66.7
##      Reise-Website    140        33.3        100.0
## -----
##
##
##
## $`Flug: New York-AUA`
##
## DESCRIPTIVES
##
## Descriptives
## -----
##
##              Preis      Datenzugriff
## -----

```

```

##      N                420                420
##      Missing           0                0
##      Mean              425
##      Median            252
##      Standard deviation 356
##      Minimum           48.0
##      Maximum           1359
## -----
##
##
## FREQUENCIES
##
## Frequencies of Datenzugriff
## -----
##      Levels           Counts      % of Total      Cumulative %
## -----
##      Website           280          66.7           66.7
##      Reise-Website      140          33.3           100.0
## -----
##
##
## $`Flug: Tokio-AUA`
##
## DESCRIPTIVES
##
## Descriptives
## -----
##              Preis      Datenzugriff
## -----
##      N                420                420
##      Missing           0                0
##      Mean              425
##      Median            252
##      Standard deviation 356
##      Minimum           48.0
##      Maximum           1359
## -----
##
##
##
## FREQUENCIES
##
## Frequencies of Datenzugriff
## -----
##      Levels           Counts      % of Total      Cumulative %
## -----
##      Website           280          66.7           66.7
##      Reise-Website      140          33.3           100.0
## -----
##
##
##
## $`Flug: Amsterdam-KLM`
##
## DESCRIPTIVES
##

```

```

## Descriptives
## -----
##               Preis      Datenzugriff
## -----
##      N               420             420
##      Missing           0             0
##      Mean             425
##      Median           252
##      Standard deviation 356
##      Minimum          48.0
##      Maximum          1359
## -----
##
##
## FREQUENCIES
##
## Frequencies of Datenzugriff
## -----
##      Levels      Counts      % of Total      Cumulative %
## -----
##      Website      280          66.7          66.7
##      Reise-Website 140          33.3          100.0
## -----
##
##
## $`Flug: Berlin-EZY`
##
## DESCRIPTIVES
##
## Descriptives
## -----
##               Preis      Datenzugriff
## -----
##      N               420             420
##      Missing           0             0
##      Mean             425
##      Median           252
##      Standard deviation 356
##      Minimum          48.0
##      Maximum          1359
## -----
##
##
## FREQUENCIES
##
## Frequencies of Datenzugriff
## -----
##      Levels      Counts      % of Total      Cumulative %
## -----
##      Website      280          66.7          66.7
##      Reise-Website 140          33.3          100.0
## -----
##
##

```

```

## $`Flug: Lissabon-LDM`
##
## DESCRIPTIVES
##
## Descriptives
## -----
##               Preis      Datenzugriff
## -----
##      N               420             420
##      Missing           0              0
##      Mean             425
##      Median           252
##      Standard deviation 356
##      Minimum          48.0
##      Maximum         1359
## -----
##
##
## FREQUENCIES
##
## Frequencies of Datenzugriff
## -----
##      Levels      Counts      % of Total      Cumulative %
## -----
##      Website          280          66.7          66.7
##      Reise-Website    140          33.3          100.0
## -----
##
##
## $`Flug: London-BAW`
##
## DESCRIPTIVES
##
## Descriptives
## -----
##               Preis      Datenzugriff
## -----
##      N               420             420
##      Missing           0              0
##      Mean             425
##      Median           252
##      Standard deviation 356
##      Minimum          48.0
##      Maximum         1359
## -----
##
##
## FREQUENCIES
##
## Frequencies of Datenzugriff
## -----
##      Levels      Counts      % of Total      Cumulative %
## -----
##      Website          280          66.7          66.7

```

```

##   Reise-Website      140      33.3      100.0
## -----
##
##
## $`Flug: Bangkok-THA`
##
## DESCRIPTIVES
##
## Descriptives
## -----
##              Preis      Datenzugriff
## -----
##   N              420              420
##   Missing         0              0
##   Mean            425
##   Median          252
##   Standard deviation  356
##   Minimum         48.0
##   Maximum        1359
## -----
##
##
## FREQUENCIES
##
## Frequencies of Datenzugriff
## -----
##   Levels      Counts      % of Total      Cumulative %
## -----
##   Website      280        66.7        66.7
##   Reise-Website 140        33.3        100.0
## -----
##
##
## $`Flug: New York-UAL`
##
## DESCRIPTIVES
##
## Descriptives
## -----
##              Preis      Datenzugriff
## -----
##   N              420              420
##   Missing         0              0
##   Mean            425
##   Median          252
##   Standard deviation  356
##   Minimum         48.0
##   Maximum        1359
## -----
##
##
## FREQUENCIES
##
## Frequencies of Datenzugriff

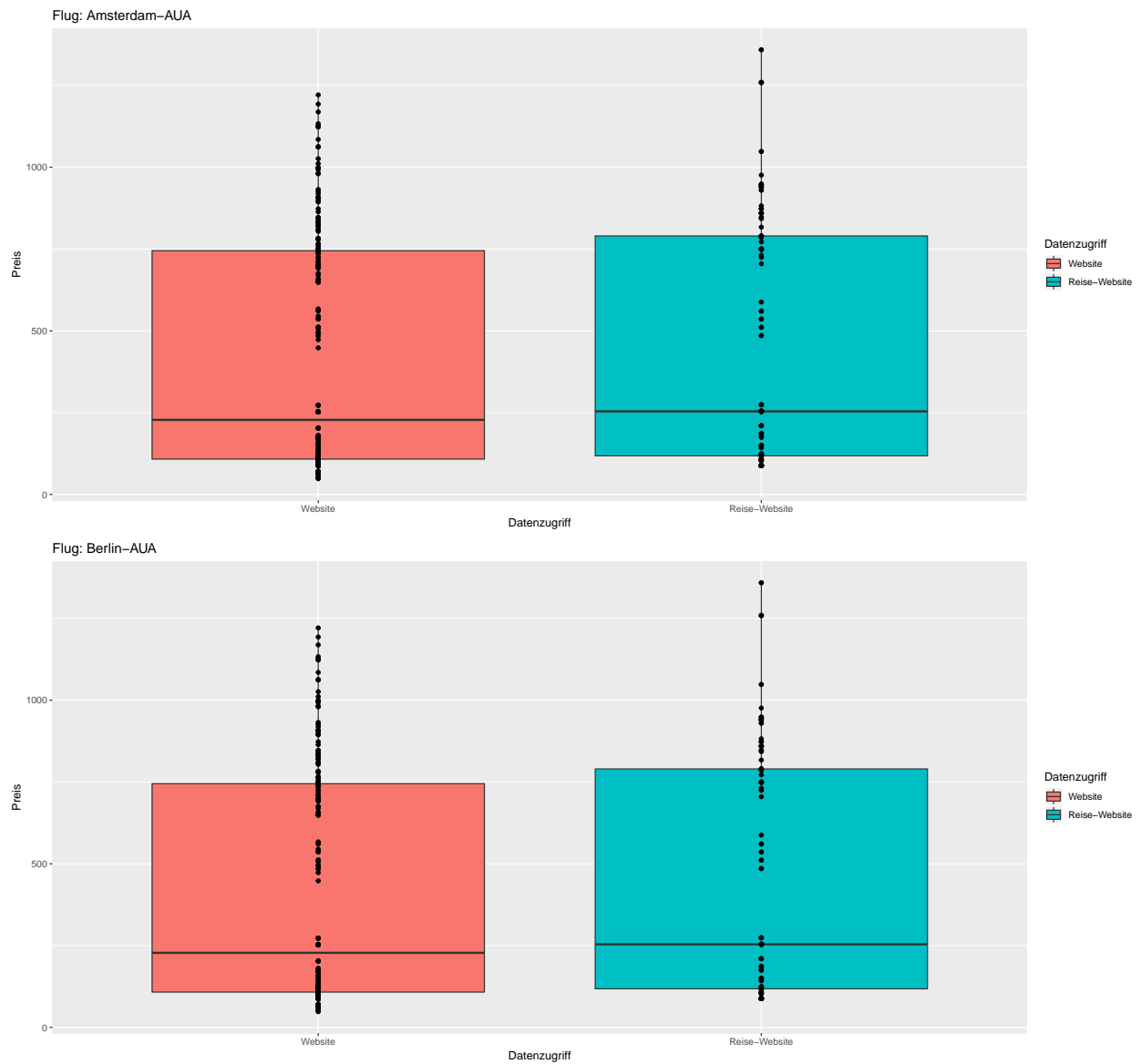
```

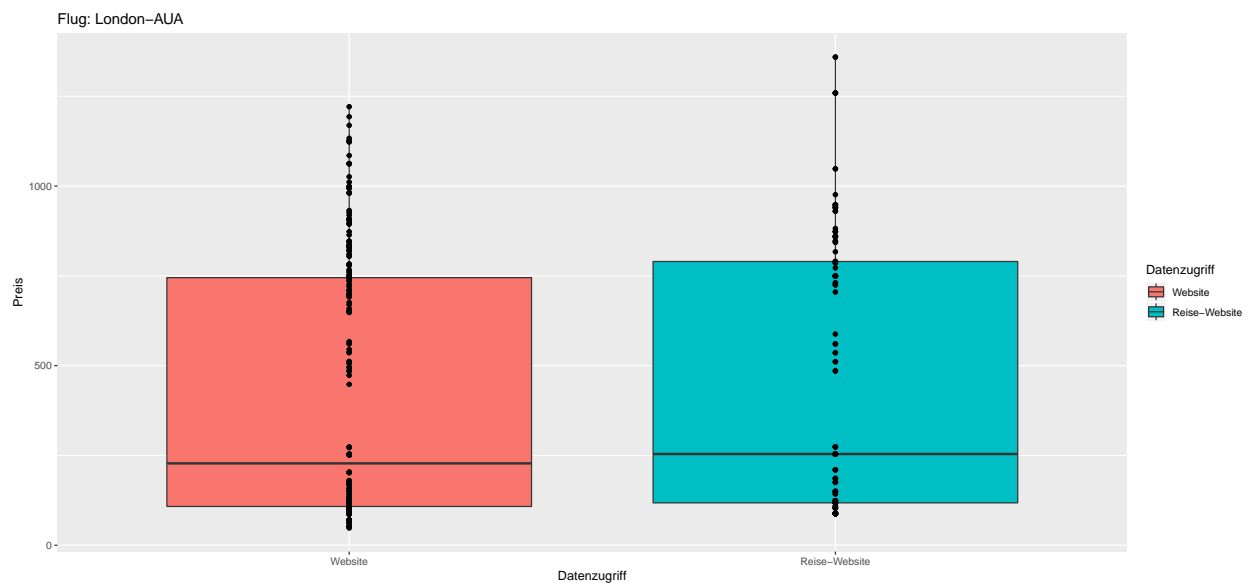
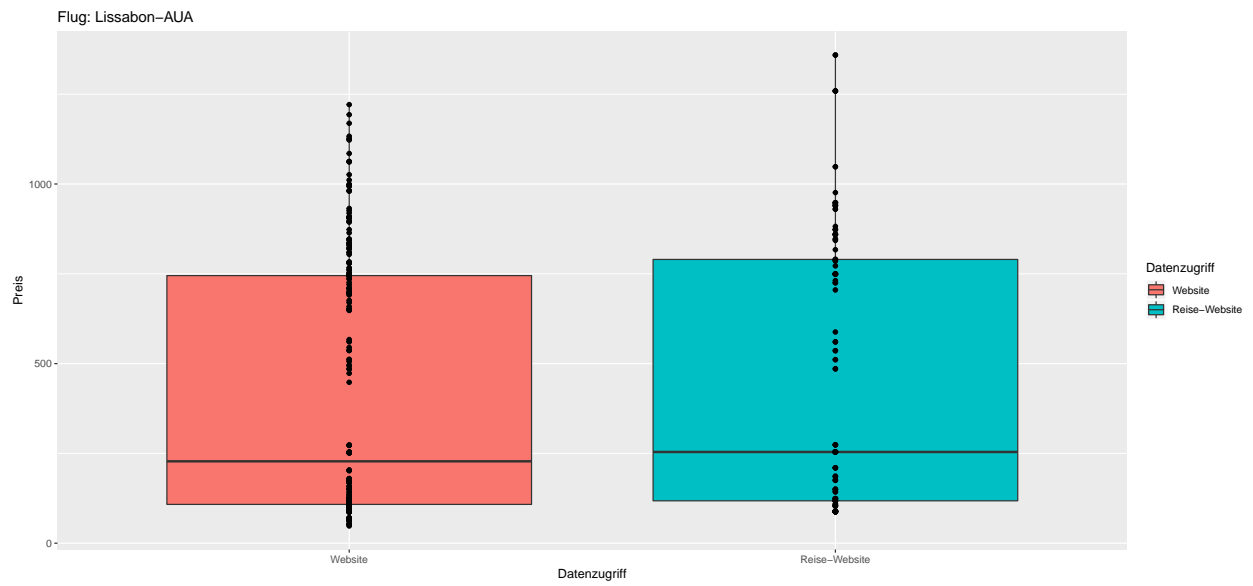
```

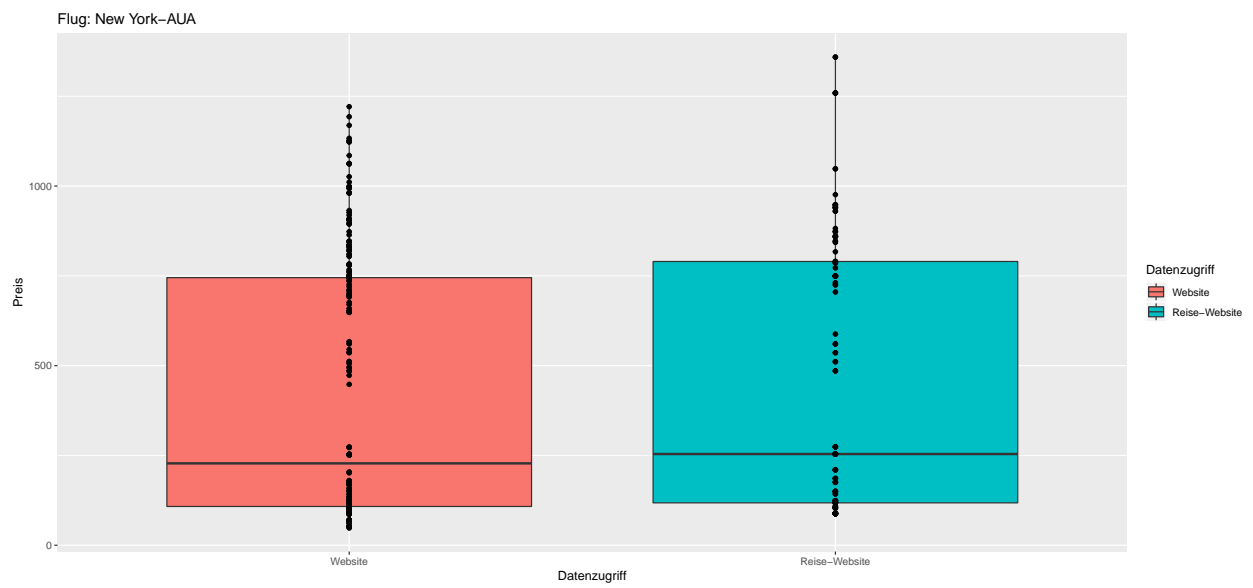
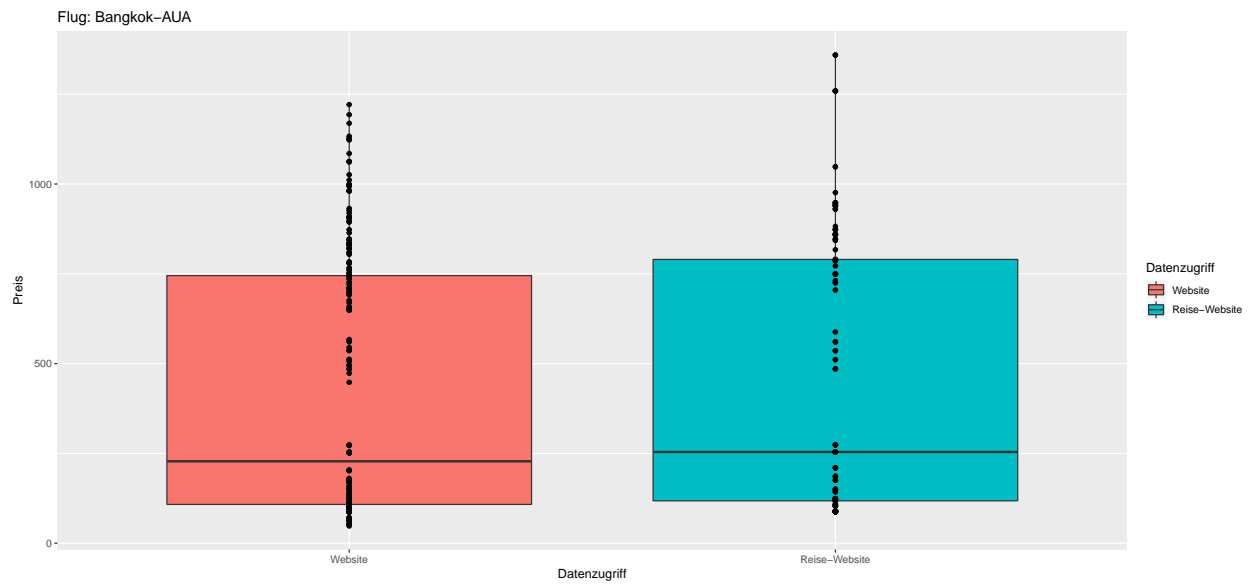
## -----
##      Levels           Counts      % of Total      Cumulative %
## -----
##      Website           280          66.7          66.7
##      Reise-Website      140          33.3          100.0
## -----
##
##
## $`Flug: Tokio-ANA`
##
## DESCRIPTIVES
##
## Descriptives
## -----
##              Preis      Datenzugriff
## -----
##      N              420              420
##      Missing          0              0
##      Mean            425
##      Median          252
##      Standard deviation  356
##      Minimum          48.0
##      Maximum         1359
## -----
##
##
##
## FREQUENCIES
##
## Frequencies of Datenzugriff
## -----
##      Levels           Counts      % of Total      Cumulative %
## -----
##      Website           280          66.7          66.7
##      Reise-Website      140          33.3          100.0
## -----

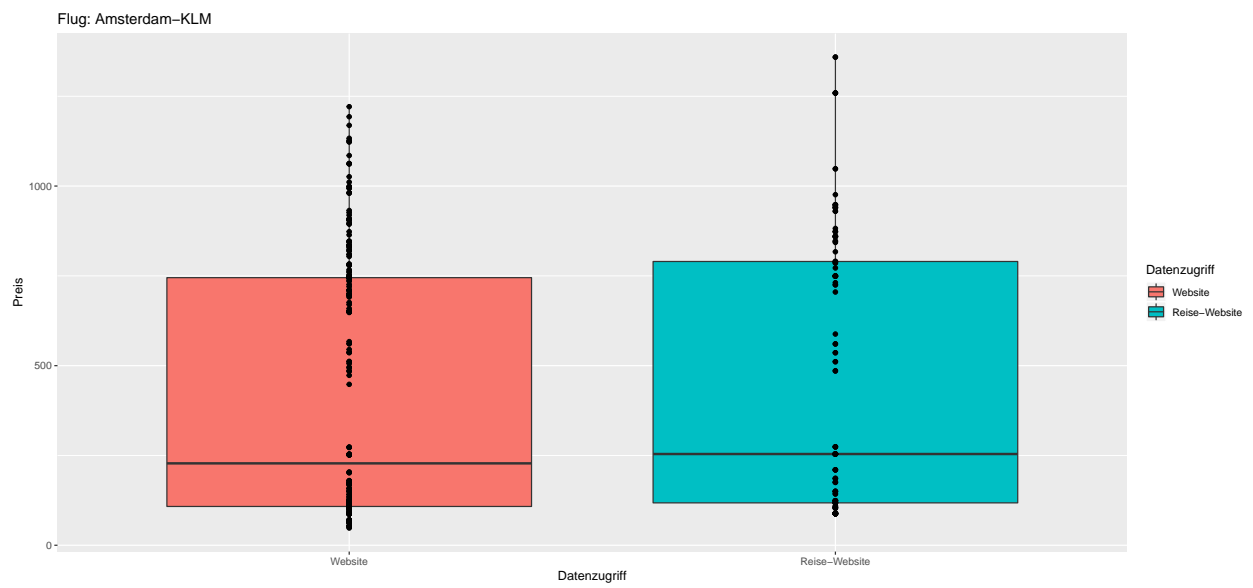
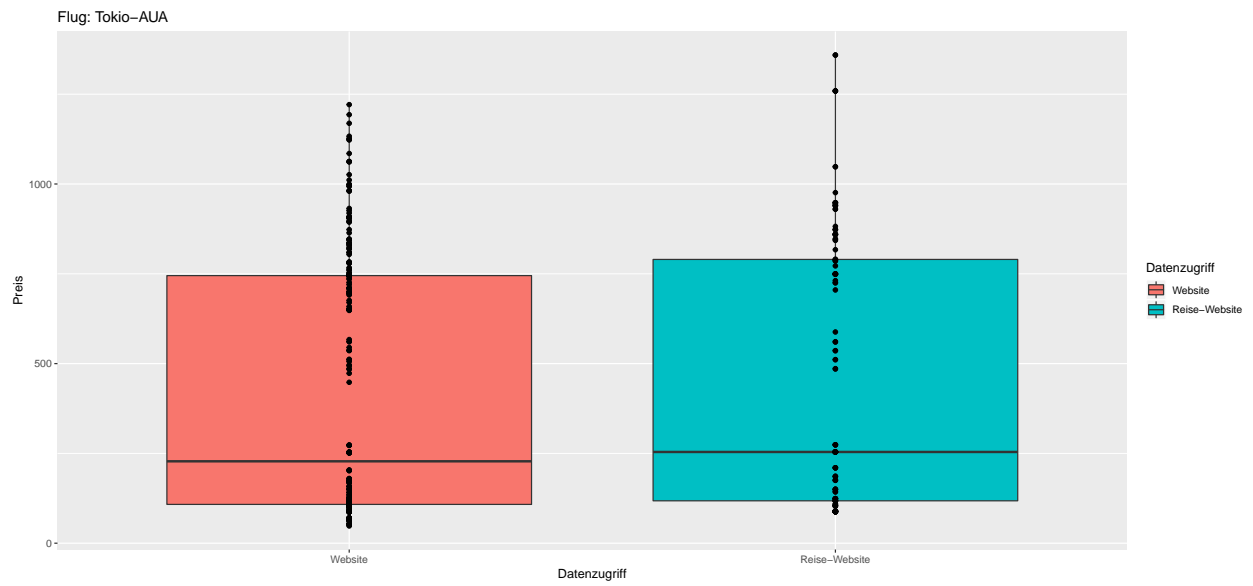
```

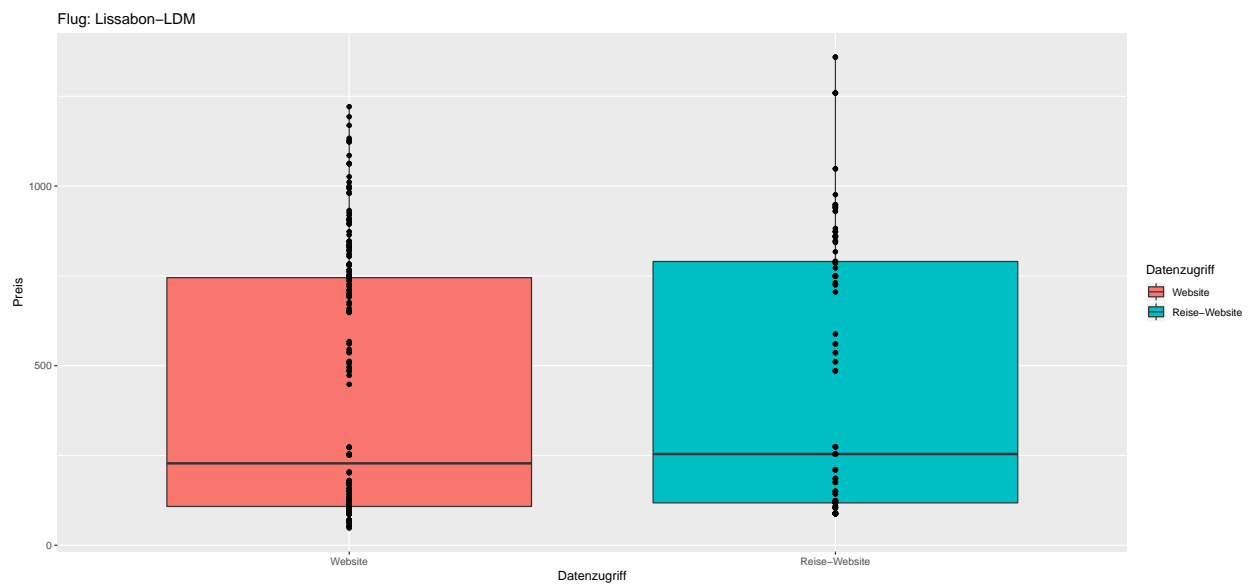
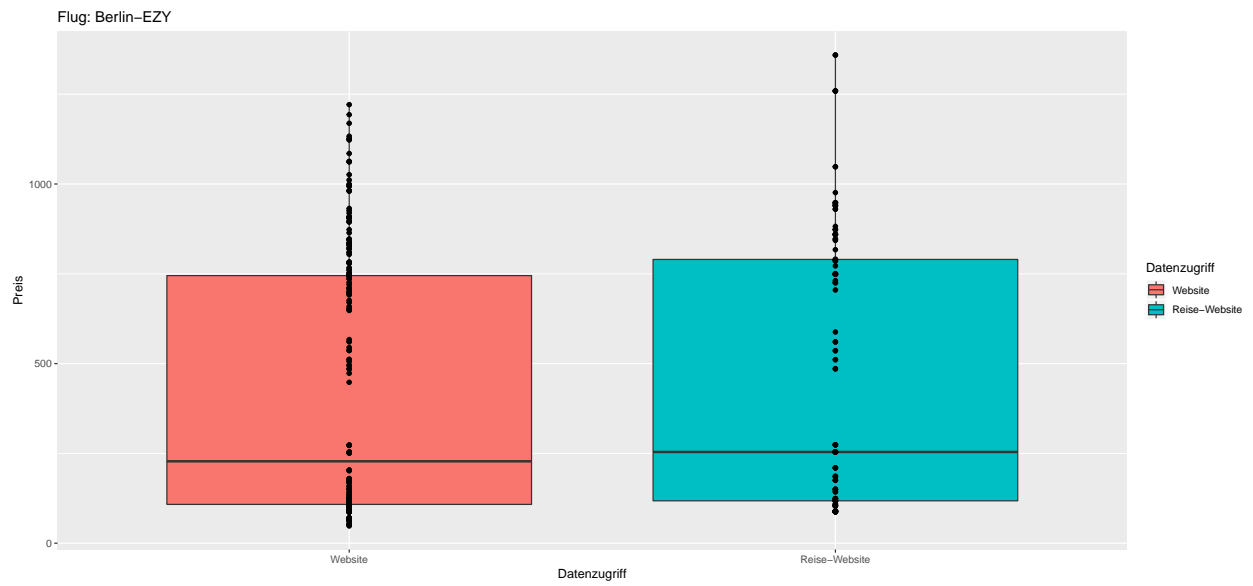

Box-Plot - Einzelflüge

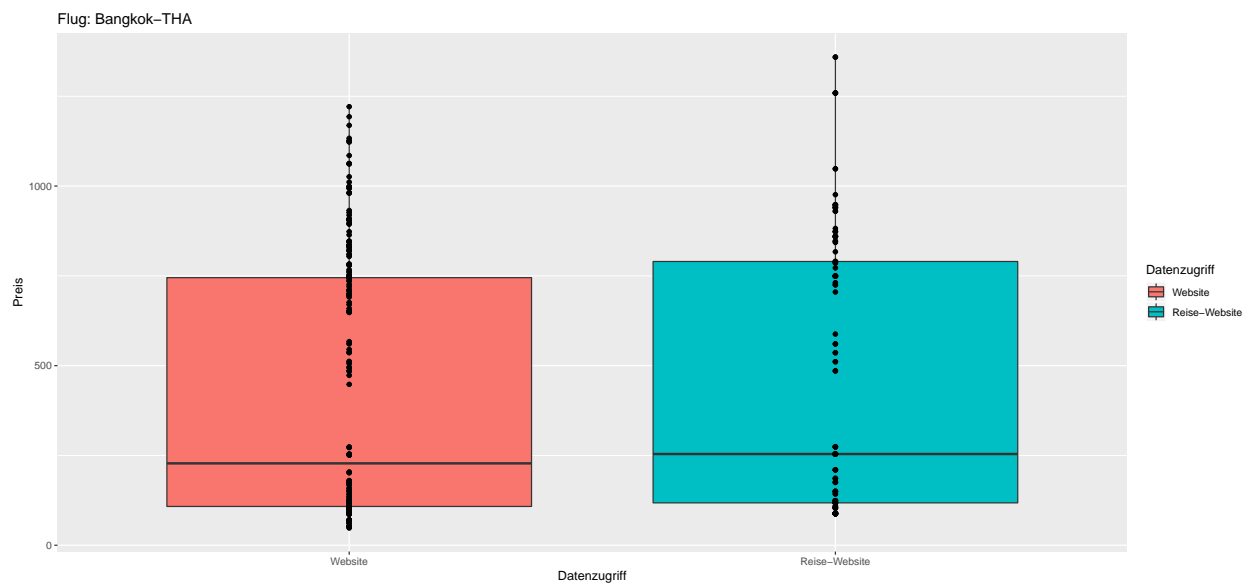
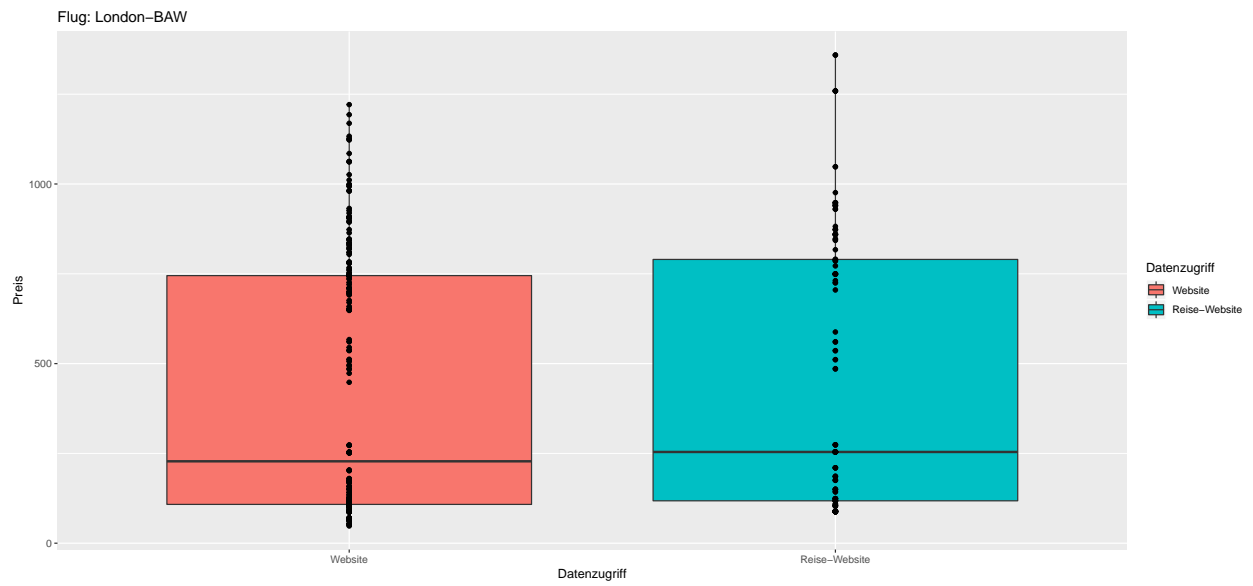


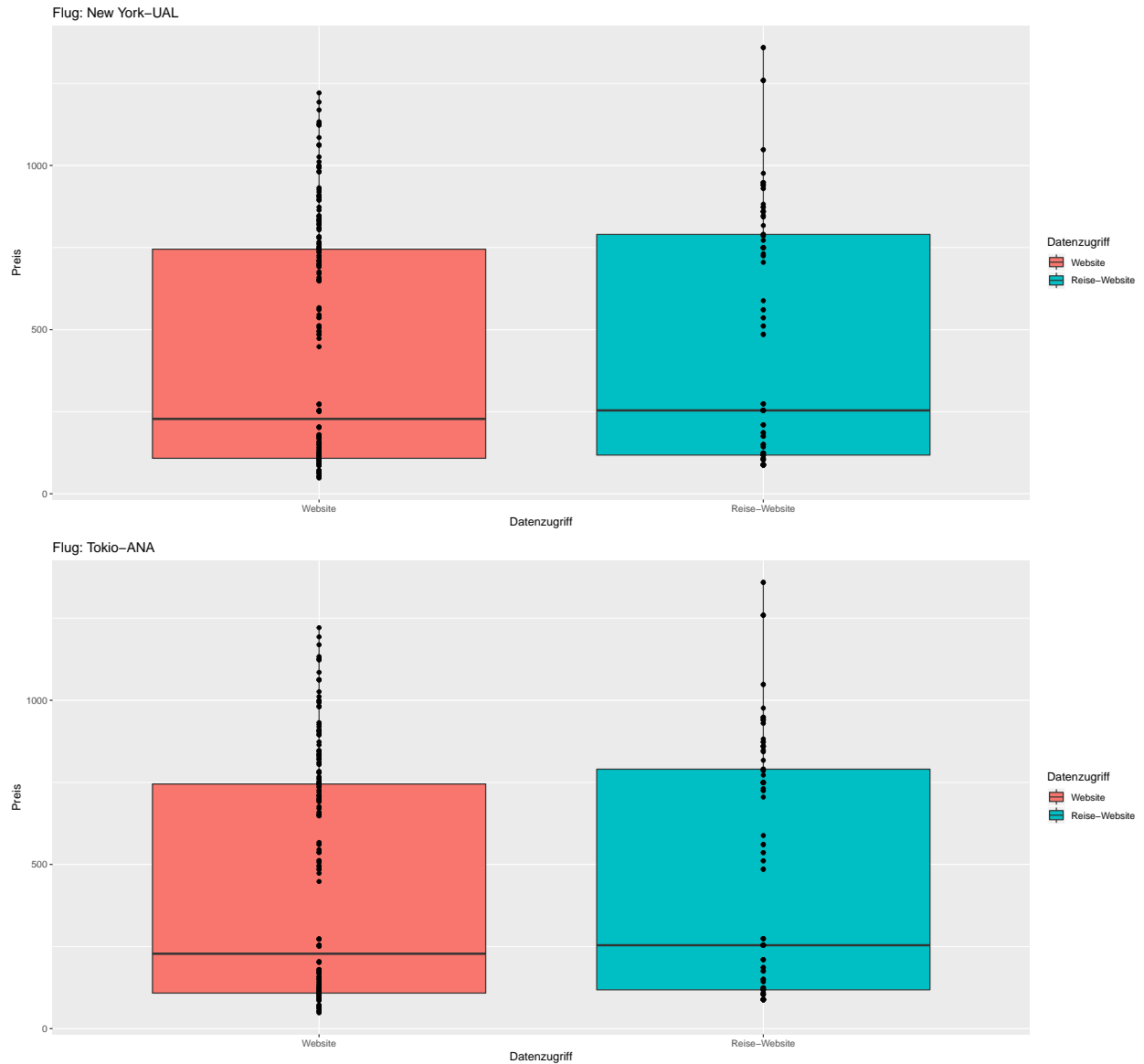












ANOVA

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

```
##
```

```
## ANOVA
```

```
##
```

```
## ANOVA
```

```
##
```

	Sum of Squares	df	Mean Square	F	p	η^2
Datenzugriff	135027	1	135027	1.06	0.303	0.003
Residuals	5.30e+7	418	126793			

```
##
```

```
##
```

```
## ESTIMATED MARGINAL MEANS
```

```

##
## DATENZUGRIFF
##
## Estimated Marginal Means - Datenzugriff
## -----
##      Datenzugriff      Mean      SE      Lower      Upper
## -----
##      Website           412      21.3      370      454
##      Reise-Website     450      30.1      391      509
## -----
##
##
## $`Flug: Berlin-AUA`
##
## ANOVA
##
## ANOVA
## -----
##              Sum of Squares      df      Mean Square      F      p      <U+03B7>2p
## -----
##      Datenzugriff           135027      1      135027      1.06      0.303      0.003
##      Residuals           5.30e+7      418      126793
## -----
##
##
## ESTIMATED MARGINAL MEANS
##
## DATENZUGRIFF
##
## Estimated Marginal Means - Datenzugriff
## -----
##      Datenzugriff      Mean      SE      Lower      Upper
## -----
##      Website           412      21.3      370      454
##      Reise-Website     450      30.1      391      509
## -----
##
##
## $`Flug: Lissabon-AUA`
##
## ANOVA
##
## ANOVA
## -----
##              Sum of Squares      df      Mean Square      F      p      <U+03B7>2p
## -----
##      Datenzugriff           135027      1      135027      1.06      0.303      0.003
##      Residuals           5.30e+7      418      126793
## -----
##
##
## ESTIMATED MARGINAL MEANS
##
## DATENZUGRIFF

```



```

##
## Estimated Marginal Means - Datenzugriff
## -----
##      Datenzugriff      Mean      SE      Lower      Upper
## -----
##      Website           412      21.3      370      454
##      Reise-Website     450      30.1      391      509
## -----
##
##
## $`Flug: London-AUA`
##
## ANOVA
##
## ANOVA
## -----
##              Sum of Squares      df      Mean Square      F      p      <U+03B7>2p
## -----
##      Datenzugriff           135027      1      135027      1.06      0.303      0.003
##      Residuals           5.30e+7      418      126793
## -----
##
##
## ESTIMATED MARGINAL MEANS
##
## DATENZUGRIFF
##
## Estimated Marginal Means - Datenzugriff
## -----
##      Datenzugriff      Mean      SE      Lower      Upper
## -----
##      Website           412      21.3      370      454
##      Reise-Website     450      30.1      391      509
## -----
##
##
## $`Flug: Bangkok-AUA`
##
## ANOVA
##
## ANOVA
## -----
##              Sum of Squares      df      Mean Square      F      p      <U+03B7>2p
## -----
##      Datenzugriff           135027      1      135027      1.06      0.303      0.003
##      Residuals           5.30e+7      418      126793
## -----
##
##
## ESTIMATED MARGINAL MEANS
##
## DATENZUGRIFF
##
## Estimated Marginal Means - Datenzugriff

```

```

## -----
##   Datenzugriff      Mean      SE      Lower      Upper
## -----
##   Website           412       21.3      370       454
##   Reise-Website     450       30.1      391       509
## -----
##
##
## $`Flug: New York-AUA`
##
## ANOVA
##
## ANOVA
## -----
##               Sum of Squares      df      Mean Square      F      p      <U+03B7>2p
## -----
##   Datenzugriff           135027      1           135027      1.06      0.303      0.003
##   Residuals             5.30e+7     418           126793
## -----
##
##
## ESTIMATED MARGINAL MEANS
##
## DATENZUGRIFF
##
## Estimated Marginal Means - Datenzugriff
## -----
##   Datenzugriff      Mean      SE      Lower      Upper
## -----
##   Website           412       21.3      370       454
##   Reise-Website     450       30.1      391       509
## -----
##
##
## $`Flug: Tokio-AUA`
##
## ANOVA
##
## ANOVA
## -----
##               Sum of Squares      df      Mean Square      F      p      <U+03B7>2p
## -----
##   Datenzugriff           135027      1           135027      1.06      0.303      0.003
##   Residuals             5.30e+7     418           126793
## -----
##
##
## ESTIMATED MARGINAL MEANS
##
## DATENZUGRIFF
##
## Estimated Marginal Means - Datenzugriff
## -----
##   Datenzugriff      Mean      SE      Lower      Upper

```

```

## -----
##      Website      412    21.3    370    454
##      Reise-Website  450    30.1    391    509
## -----
##
##
## $`Flug: Amsterdam-KLM`
##
## ANOVA
##
## ANOVA
## -----
##              Sum of Squares    df    Mean Square    F        p        <U+03B7>2p
## -----
##      Datenzugriff      135027      1      135027    1.06    0.303    0.003
##      Residuals      5.30e+7    418      126793
## -----
##
##
## ESTIMATED MARGINAL MEANS
##
## DATENZUGRIFF
##
## Estimated Marginal Means - Datenzugriff
## -----
##      Datenzugriff    Mean    SE    Lower    Upper
## -----
##      Website      412    21.3    370    454
##      Reise-Website  450    30.1    391    509
## -----
##
##
## $`Flug: Berlin-EZY`
##
## ANOVA
##
## ANOVA
## -----
##              Sum of Squares    df    Mean Square    F        p        <U+03B7>2p
## -----
##      Datenzugriff      135027      1      135027    1.06    0.303    0.003
##      Residuals      5.30e+7    418      126793
## -----
##
##
## ESTIMATED MARGINAL MEANS
##
## DATENZUGRIFF
##
## Estimated Marginal Means - Datenzugriff
## -----
##      Datenzugriff    Mean    SE    Lower    Upper
## -----
##      Website      412    21.3    370    454

```

```

##   Reise-Website      450    30.1    391    509
## -----
##
##
## $`Flug: Lissabon-LDM`
##
## ANOVA
##
## ANOVA
## -----
##              Sum of Squares    df      Mean Square    F      p      <U+03B7>²p
## -----
##   Datenzugriff          135027      1      135027    1.06    0.303    0.003
##   Residuals          5.30e+7    418      126793
## -----
##
##
## ESTIMATED MARGINAL MEANS
##
## DATENZUGRIFF
##
## Estimated Marginal Means - Datenzugriff
## -----
##   Datenzugriff    Mean    SE      Lower    Upper
## -----
##   Website          412    21.3      370      454
##   Reise-Website    450    30.1      391      509
## -----
##
##
## $`Flug: London-BAW`
##
## ANOVA
##
## ANOVA
## -----
##              Sum of Squares    df      Mean Square    F      p      <U+03B7>²p
## -----
##   Datenzugriff          135027      1      135027    1.06    0.303    0.003
##   Residuals          5.30e+7    418      126793
## -----
##
##
## ESTIMATED MARGINAL MEANS
##
## DATENZUGRIFF
##
## Estimated Marginal Means - Datenzugriff
## -----
##   Datenzugriff    Mean    SE      Lower    Upper
## -----
##   Website          412    21.3      370      454
##   Reise-Website    450    30.1      391      509
## -----
##

```

```

##
##
## $`Flug: Bangkok-THA`
##
## ANOVA
##
## ANOVA
## -----
##              Sum of Squares    df      Mean Square    F      p      <U+03B7>2p
## -----
##   Datenzugriff           135027      1      135027      1.06    0.303    0.003
##   Residuals           5.30e+7     418      126793
## -----
##
##
## ESTIMATED MARGINAL MEANS
##
## DATENZUGRIFF
##
## Estimated Marginal Means - Datenzugriff
## -----
##   Datenzugriff    Mean    SE      Lower    Upper
## -----
##   Website         412     21.3     370      454
##   Reise-Website   450     30.1     391      509
## -----
##
##
## $`Flug: New York-UAL`
##
## ANOVA
##
## ANOVA
## -----
##              Sum of Squares    df      Mean Square    F      p      <U+03B7>2p
## -----
##   Datenzugriff           135027      1      135027      1.06    0.303    0.003
##   Residuals           5.30e+7     418      126793
## -----
##
##
## ESTIMATED MARGINAL MEANS
##
## DATENZUGRIFF
##
## Estimated Marginal Means - Datenzugriff
## -----
##   Datenzugriff    Mean    SE      Lower    Upper
## -----
##   Website         412     21.3     370      454
##   Reise-Website   450     30.1     391      509
## -----
##
##

```

```

## $`Flug: Tokio-ANA`
##
## ANOVA
##
## ANOVA
## -----
##              Sum of Squares    df      Mean Square    F      p      <U+03B7>2p
## -----
##   Datenzugriff          135027      1      135027    1.06    0.303    0.003
##   Residuals          5.30e+7    418      126793
## -----
##
##
## ESTIMATED MARGINAL MEANS
##
## DATENZUGRIFF
##
## Estimated Marginal Means - Datenzugriff
## -----
##   Datenzugriff    Mean    SE      Lower    Upper
## -----
##   Website          412    21.3      370      454
##   Reise-Website    450    30.1      391      509
## -----

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