Hypothese 8

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19 4 2020

Deskriptive Statistik - Einzelflüge

```
## $`Flug: Amsterdam-AUA`
##
##   DESCRIPTIVES
##
##   Descriptives
##   -------------------------------------------------
##                            Preis     Datenzugriff
##   -------------------------------------------------
##     N                         40              40
##     Missing                    0               0
##     Mean                     104
##     Median                  95.5
##     Standard deviation      18.4
##     Minimum                 87.0
##     Maximum                  143
##   -------------------------------------------------
##
##
## $`Flug: Berlin-AUA`
##
##   DESCRIPTIVES
##
##   Descriptives
##   -------------------------------------------------
##                            Preis     Datenzugriff
##   -------------------------------------------------
##     N                         40              40
##     Missing                    0               0
##     Mean                    98.8
##     Median                  88.5
##     Standard deviation      16.5
##     Minimum                 87.0
##     Maximum                  124
##   -------------------------------------------------
##
##
## $`Flug: Lissabon-AUA`
##
##   DESCRIPTIVES
##
##   Descriptives
##   -------------------------------------------------
##                            Preis     Datenzugriff
##   -------------------------------------------------
##     N                         40              40
```

```
##     Missing                     0                   0
##     Mean                      257
##     Median                    254
##     Standard deviation       8.21
##     Minimum                   252
##     Maximum                   274
##    ------------------------------------------------
##
##
## $`Flug: London-AUA`
##
##   DESCRIPTIVES
##
##   Descriptives
##    ------------------------------------------------
##                             Preis     Datenzugriff
##    ------------------------------------------------
##     N                         40                  40
##     Missing                    0                   0
##     Mean                      157
##     Median                    162
##     Standard deviation       38.2
##     Minimum                   105
##     Maximum                   210
##    ------------------------------------------------
##
##
## $`Flug: Bangkok-AUA`
##
##   DESCRIPTIVES
##
##   Descriptives
##    ------------------------------------------------
##                             Preis     Datenzugriff
##    ------------------------------------------------
##     N                         40                  40
##     Missing                    0                   0
##     Mean                      862
##     Median                    846
##     Standard deviation       91.7
##     Minimum                   676
##     Maximum                  1048
##    ------------------------------------------------
##
##
## $`Flug: New York-AUA`
##
##   DESCRIPTIVES
##
##   Descriptives
##    ------------------------------------------------
##                             Preis     Datenzugriff
##    ------------------------------------------------
##     N                         40                  40
```
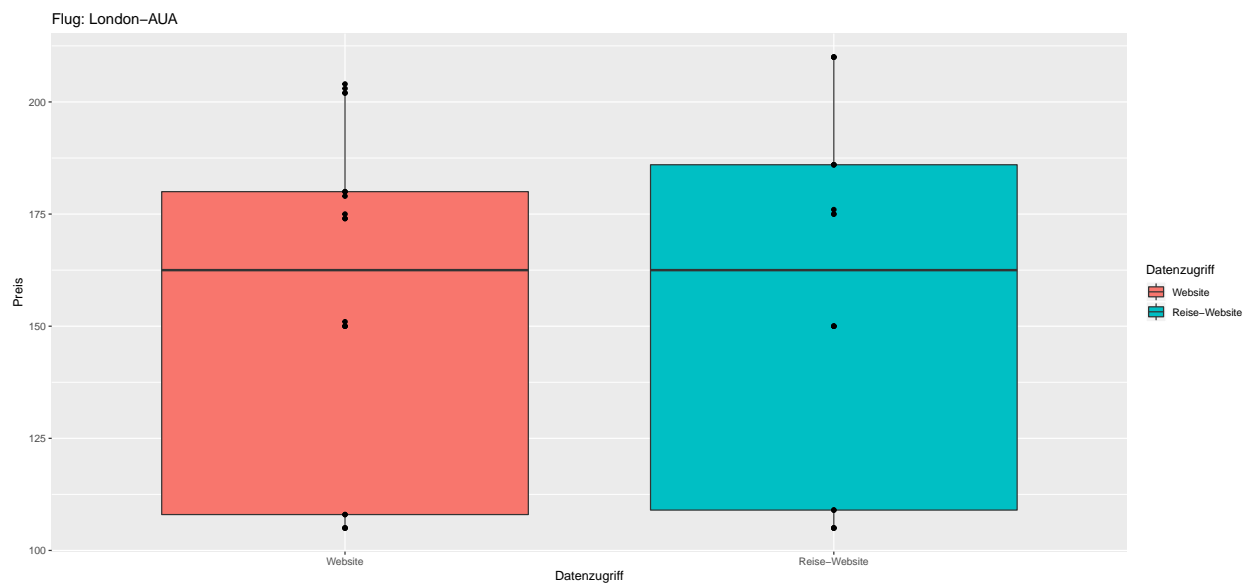
```
##      Missing                         0                    0
##      Mean                          636
##      Median                        702
##      Standard deviation            109
##      Minimum                       473
##      Maximum                       772
##      -------------------------------------------------
##
##
## $`Flug: Tokio-AUA`
##
##   DESCRIPTIVES
##
##   Descriptives
##   -------------------------------------------------
##                                  Preis    Datenzugriff
##   -------------------------------------------------
##      N                             40                   40
##      Missing                        0                    0
##      Mean                         947
##      Median                       860
##      Standard deviation           189
##      Minimum                      747
##      Maximum                     1359
##   -------------------------------------------------
```
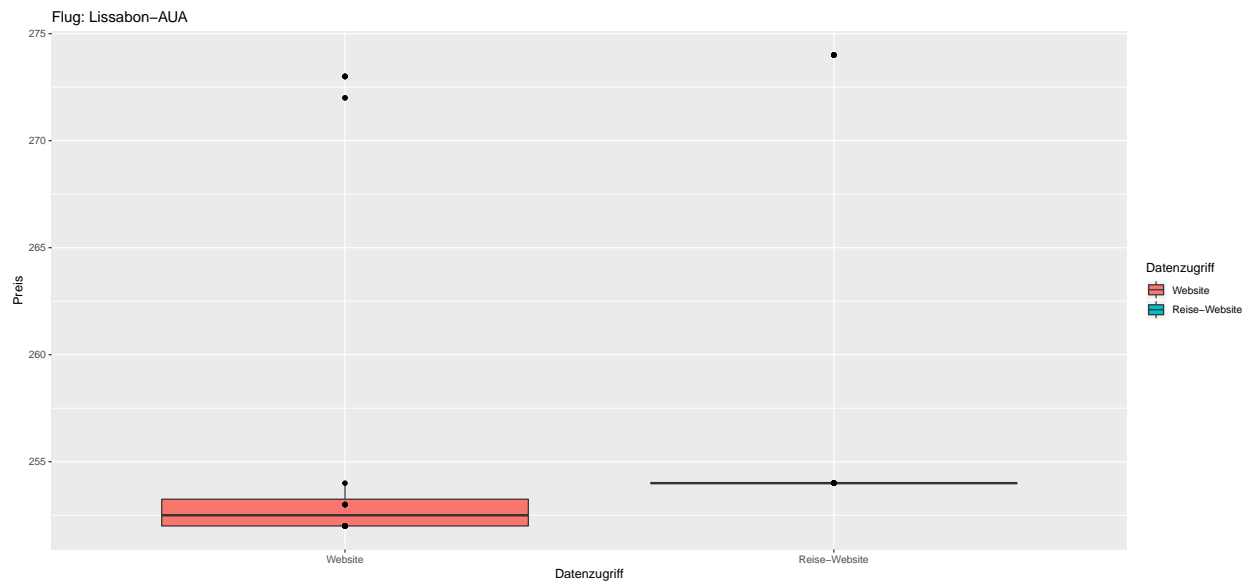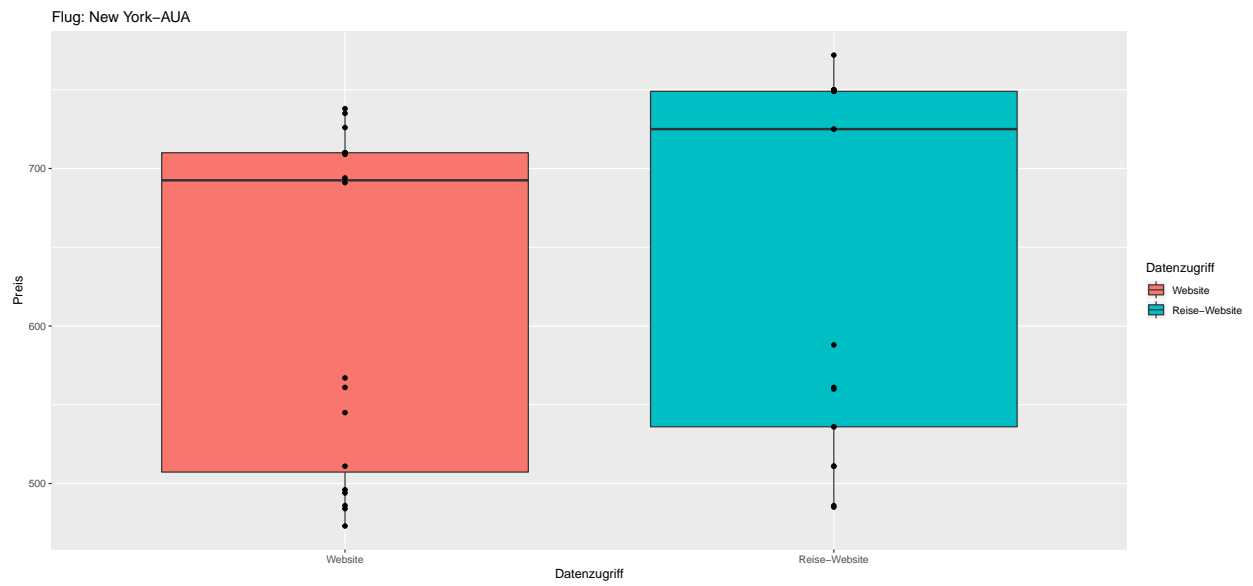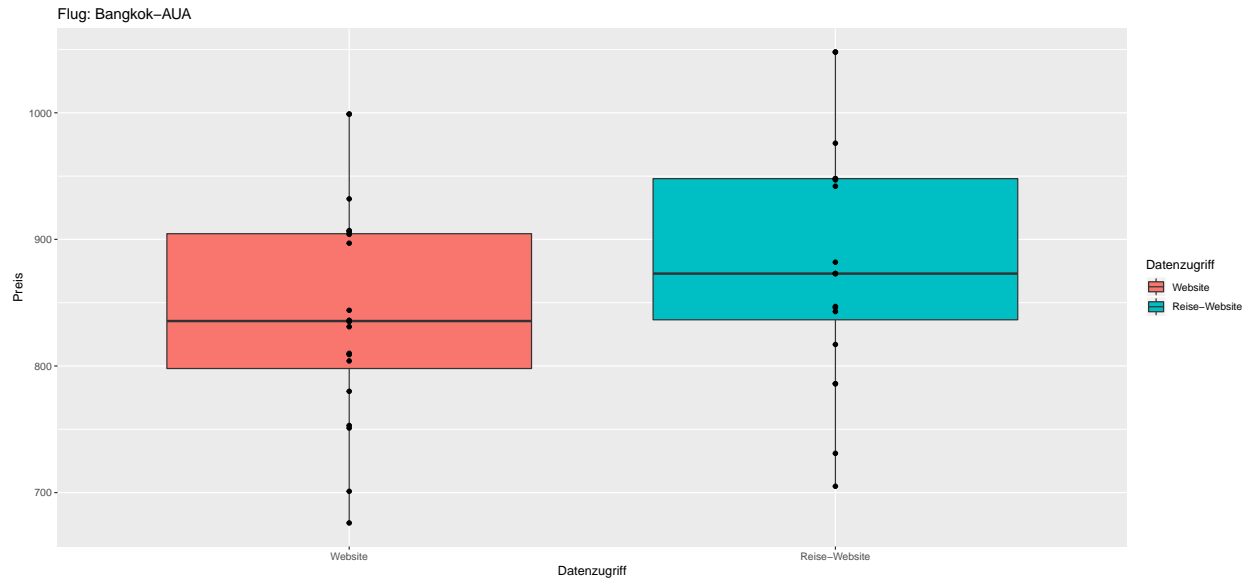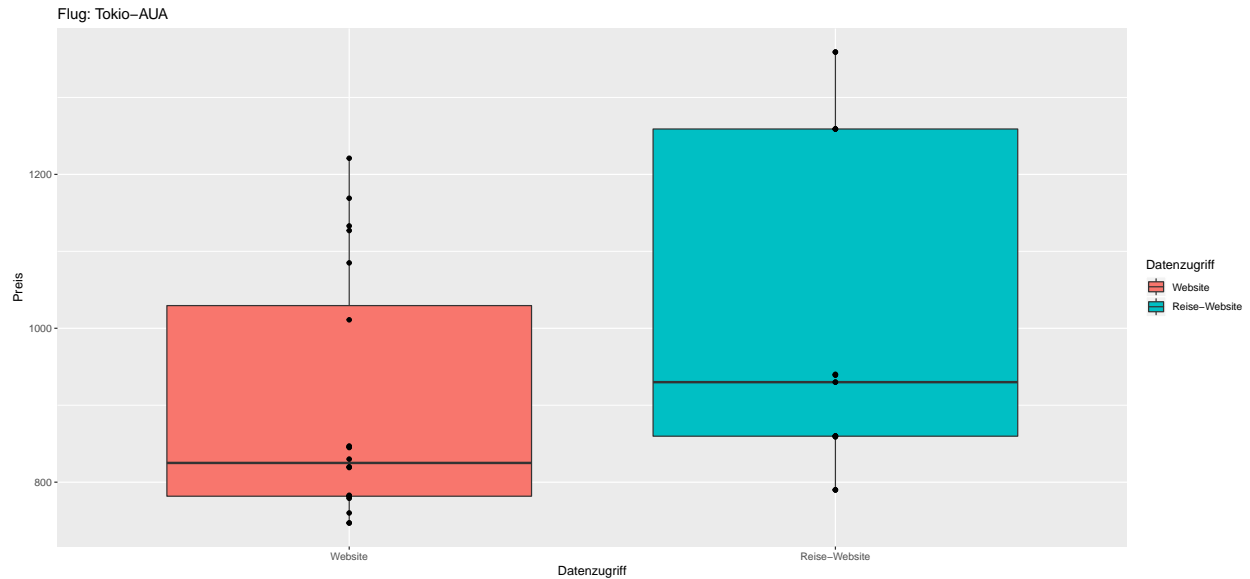
Box-Plot - Einzelflüge

Flug: Amsterdam–AUA

Flug: Berlin–AUA

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Flug: Lissabon–AUA

Flug: London–AUA

Flug: Bangkok–AUA

Flug: New York–AUA

Flug: Tokio–AUA
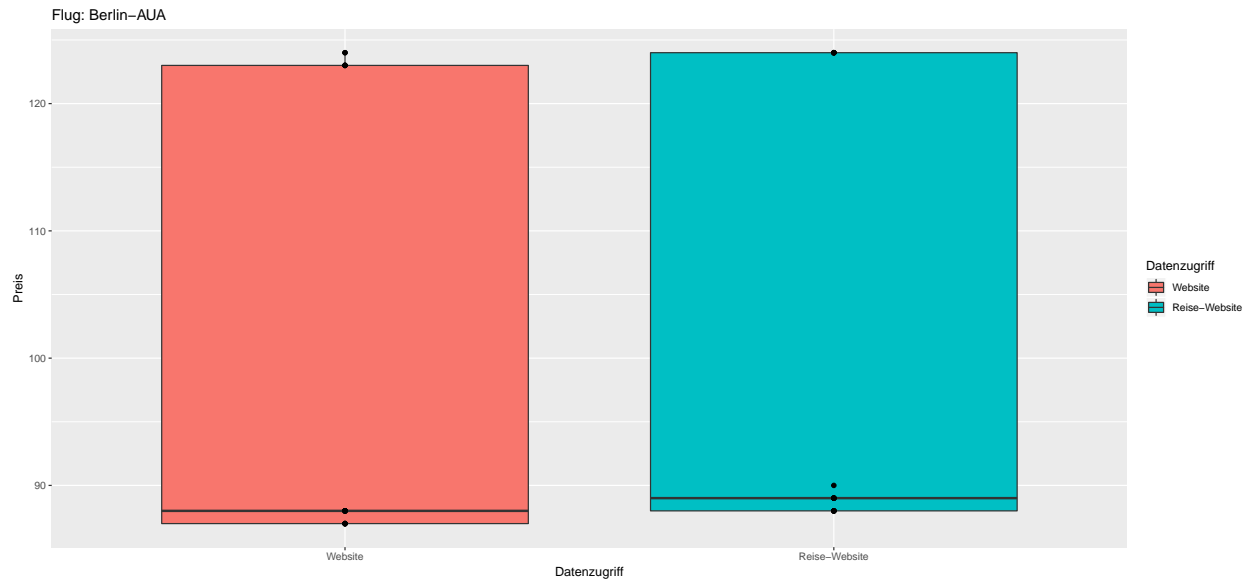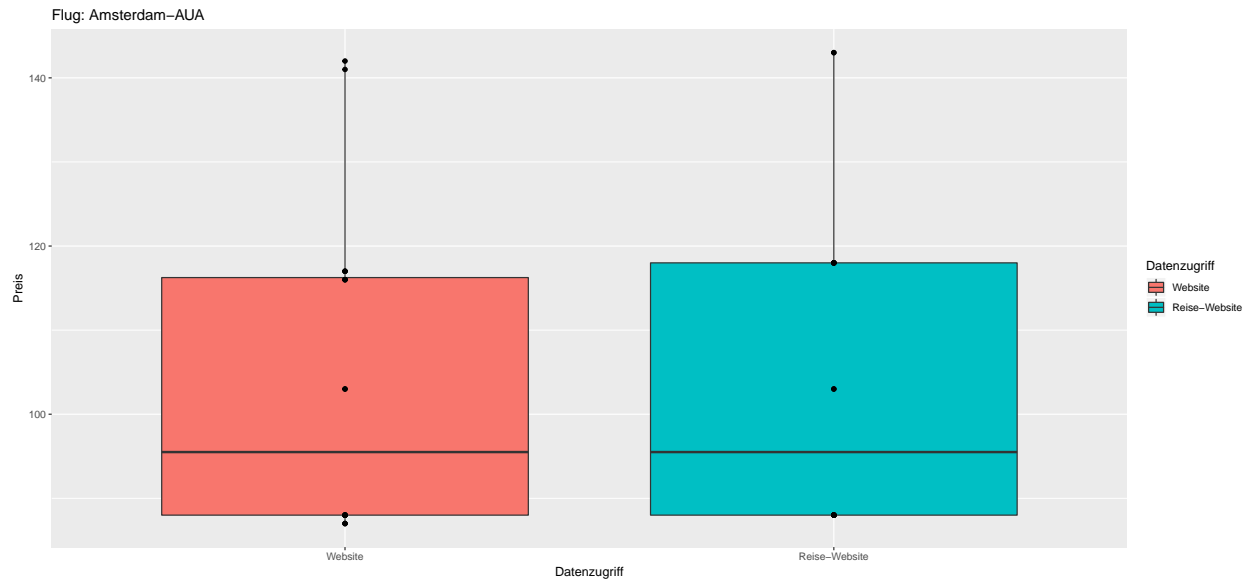
ANOVA

```
## $`Flug: Amsterdam-AUA`
##
##  ANOVA
##
##  ANOVA
##  --------------------------------------------------------------------------------
##               Sum of Squares    df    Mean Square    F        p      <U+03B7>²p
##  --------------------------------------------------------------------------------
##    Datenzugriff          5.62    1           5.62    0.0162   0.899   0.000
##    Residuals         13181.75    38        346.89
##  --------------------------------------------------------------------------------
##
##
##  ESTIMATED MARGINAL MEANS
##
##  DATENZUGRIFF
##
##  Estimated Marginal Means - Datenzugriff
##  ---------------------------------------------------
##    Datenzugriff      Mean    SE      Lower    Upper
##  ---------------------------------------------------
##    Website           103     4.16    94.8     112
##    Reise-Website     104     4.16    95.6     112
##  ---------------------------------------------------
##
##
## $`Flug: Berlin-AUA`
##
##  ANOVA
##
##  ANOVA
##  --------------------------------------------------------------------------------
##               Sum of Squares    df    Mean Square    F        p      <U+03B7>²p
```

```
## -------------------------------------------------------------------------
##   Datenzugriff                 9.02     1           9.02  0.0323   0.858   0.001
##   Residuals               10631.95    38         279.79
## -------------------------------------------------------------------------
##
##
## ESTIMATED MARGINAL MEANS
##
## DATENZUGRIFF
##
## Estimated Marginal Means - Datenzugriff
## ------------------------------------------------------
##   Datenzugriff    Mean    SE     Lower    Upper
## ------------------------------------------------------
##   Website         98.3    3.74   90.7     106
##   Reise-Website   99.3    3.74   91.7     107
## ------------------------------------------------------
##
##
## $`Flug: Lissabon-AUA`
##
##   ANOVA
##
##   ANOVA
## -----------------------------------------------------------------------------
##                  Sum of Squares    df    Mean Square    F       p      <U+03B7>²p
## -----------------------------------------------------------------------------
##   Datenzugriff             22.5     1          22.5   0.328   0.570   0.009
##   Residuals              2607.0    38          68.6
## -----------------------------------------------------------------------------
##
##
## ESTIMATED MARGINAL MEANS
##
## DATENZUGRIFF
##
## Estimated Marginal Means - Datenzugriff
## ------------------------------------------------------
##   Datenzugriff    Mean    SE     Lower    Upper
## ------------------------------------------------------
##   Website         257     1.85   253      260
##   Reise-Website   258     1.85   254      262
## ------------------------------------------------------
##
##
## $`Flug: London-AUA`
##
##   ANOVA
##
##   ANOVA
## -----------------------------------------------------------------------------
##                  Sum of Squares    df    Mean Square    F       p      <U+03B7>²p
## -----------------------------------------------------------------------------
##   Datenzugriff             67.6     1          67.6   0.0451  0.833   0.001
```

```
##     Residuals              56938.8      38           1498.4
## ------------------------------------------------------------------------------
##
##
## ESTIMATED MARGINAL MEANS
##
## DATENZUGRIFF
##
## Estimated Marginal Means - Datenzugriff
## --------------------------------------------------------
##   Datenzugriff     Mean      SE      Lower     Upper
## --------------------------------------------------------
##   Website          156      8.66     138        173
##   Reise-Website    158      8.66     141        176
## --------------------------------------------------------
##
##
## $`Flug: Bangkok-AUA`
##
##  ANOVA
##
##  ANOVA
##  ------------------------------------------------------------------------------
##                  Sum of Squares    df    Mean Square    F       p      <U+03B7>²p
##  ------------------------------------------------------------------------------
##    Datenzugriff         18361      1          18361    2.25   0.142    0.056
##    Residuals           309706     38           8150
##  ------------------------------------------------------------------------------
##
##
## ESTIMATED MARGINAL MEANS
##
## DATENZUGRIFF
##
## Estimated Marginal Means - Datenzugriff
## --------------------------------------------------------
##   Datenzugriff     Mean      SE      Lower     Upper
## --------------------------------------------------------
##   Website          841      20.2     800        881
##   Reise-Website    883      20.2     842        924
## --------------------------------------------------------
##
##
## $`Flug: New York-AUA`
##
##  ANOVA
##
##  ANOVA
##  ------------------------------------------------------------------------------
##                  Sum of Squares    df    Mean Square    F       p      <U+03B7>²p
##  ------------------------------------------------------------------------------
##    Datenzugriff          7049      1           7049    0.590  0.447    0.015
##    Residuals           454007     38          11948
##  ------------------------------------------------------------------------------
```

```
## 
## 
##   ESTIMATED MARGINAL MEANS
## 
##   DATENZUGRIFF
## 
##   Estimated Marginal Means - Datenzugriff
##   --------------------------------------------------
##    Datenzugriff     Mean     SE     Lower     Upper
##   --------------------------------------------------
##    Website          623     24.4     574       672
##    Reise-Website    650     24.4     600       699
##   --------------------------------------------------
## 
## 
## $`Flug: Tokio-AUA`
## 
##   ANOVA
## 
##   ANOVA
##   ------------------------------------------------------------------------------------
##                    Sum of Squares    df    Mean Square    F       p      <U+03B7>²p
##   ------------------------------------------------------------------------------------
##    Datenzugriff         104755       1        104755     3.09   0.087     0.075
##    Residuals           1287957       38        33894
##   ------------------------------------------------------------------------------------
## 
## 
##   ESTIMATED MARGINAL MEANS
## 
##   DATENZUGRIFF
## 
##   Estimated Marginal Means - Datenzugriff
##   --------------------------------------------------
##    Datenzugriff     Mean     SE     Lower     Upper
##   --------------------------------------------------
##    Website          896     41.2     812       979
##    Reise-Website    998     41.2     915      1081
##   --------------------------------------------------
```