## Hypothese7

Silas Nöttling 19 4 2020

## Deskriptive Statistik - Einzelflüge

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

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##
##
  FREQUENCIES
##
##
## Frequencies of Datenzugriff
##
  _____
             Counts % of Total Cumulative %
##
##
    Website
                     280
                               66.7
                                            66.7
##
    Reise-Website
                   140
                               33.3
                                           100.0
##
##
## $`Flug: Lissabon-AUA`
##
##
  DESCRIPTIVES
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  Descriptives
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    Missing
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    Mean
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##
    Median
                        252
##
    Standard deviation
                       356
##
    Minimum
                       48.0
##
    {\tt Maximum}
                       1359
##
##
##
##
   FREQUENCIES
##
##
   Frequencies of Datenzugriff
##
##
             Counts
                          % of Total Cumulative %
    Levels
##
##
    Website
                    280
                               66.7
                                            66.7
    Reise-Website 140
##
                               33.3
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##
## $`Flug: London-AUA`
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##
  DESCRIPTIVES
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   Descriptives
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                      Preis Datenzugriff
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    Missing
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    Mean
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Standard deviation
                      356
##
##
     Minimum
                        48.0
                       1359
##
     Maximum
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##
##
   FREQUENCIES
##
##
   Frequencies of Datenzugriff
##
##
     Levels
                   Counts % of Total
                                       Cumulative %
##
                     280
##
     Website
                                 66.7
                                               66.7
    Reise-Website 140
##
                                 33.3
                                             100.0
##
##
##
  $`Flug: Bangkok-AUA`
##
  DESCRIPTIVES
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##
##
  Descriptives
##
##
                       Preis
                               Datenzugriff
##
   _____
##
                         420
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##
     Missing
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##
     Mean
                         425
##
     Median
                         252
##
     Standard deviation
                         356
##
     Minimum
                         48.0
##
     Maximum
                        1359
##
##
##
   FREQUENCIES
##
##
##
  Frequencies of Datenzugriff
##
   ______
##
                            % of Total
                   Counts
                                        Cumulative %
##
     Website
                     280
                                 66.7
                                              66.7
##
     Reise-Website 140
                                 33.3
                                             100.0
##
##
##
## $`Flug: New York-AUA`
##
  DESCRIPTIVES
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##
  Descriptives
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                       Preis Datenzugriff
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##
                        420
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    Missing
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##
    Mean
                        425
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    Median
                        252
##
    Standard deviation
                       356
##
    Minimum
                       48.0
##
    Maximum
                       1359
##
##
##
   FREQUENCIES
##
##
##
   Frequencies of Datenzugriff
   ______
##
##
              Counts % of Total Cumulative %
##
##
                   280
                               66.7
                                            66.7
    Website
    Reise-Website 140
                               33.3
                                          100.0
##
##
##
##
## $`Flug: Tokio-AUA`
##
##
  DESCRIPTIVES
##
##
  Descriptives
##
##
                      Preis Datenzugriff
##
##
                        420
                                     420
                                     0
##
    Missing
                        0
##
    Mean
                        425
##
    Median
                        252
##
    Standard deviation
                       356
##
    Minimum
                       48.0
##
    Maximum
                       1359
##
   _____
##
##
  FREQUENCIES
##
##
##
  Frequencies of Datenzugriff
##
   _____
##
   Levels Counts % of Total Cumulative %
##
                    280
                               66.7
                                           66.7
    Website
                   140
##
                               33.3
    Reise-Website
                                           100.0
##
##
##
## $`Flug: Amsterdam-KLM`
##
## DESCRIPTIVES
```

##

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

##

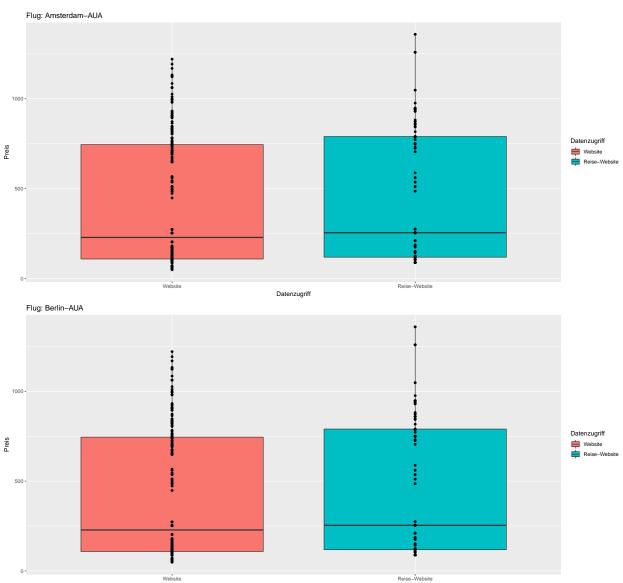
```
## $`Flug: Lissabon-LDM`
##
  DESCRIPTIVES
##
##
## Descriptives
##
   -----
                      Preis Datenzugriff
##
   _____
##
                        420
                                     420
##
                        0
                                      0
    Missing
##
    Mean
 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

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

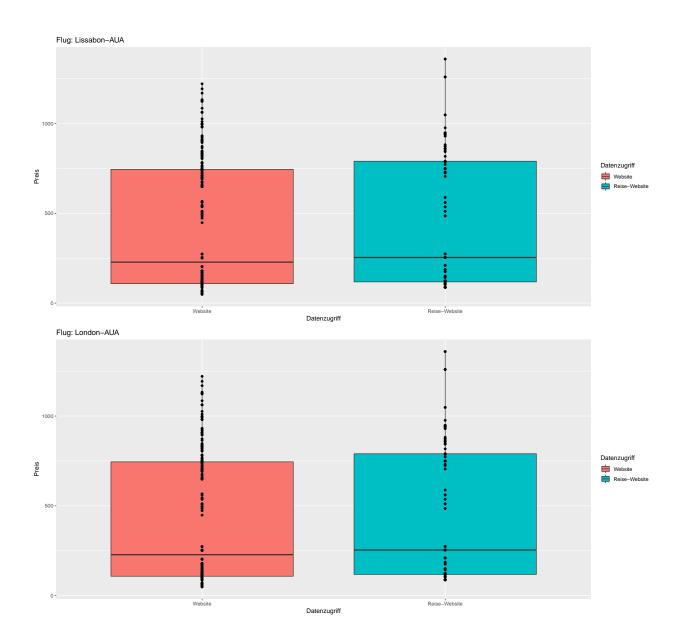
## Frequencies of Datenzugriff

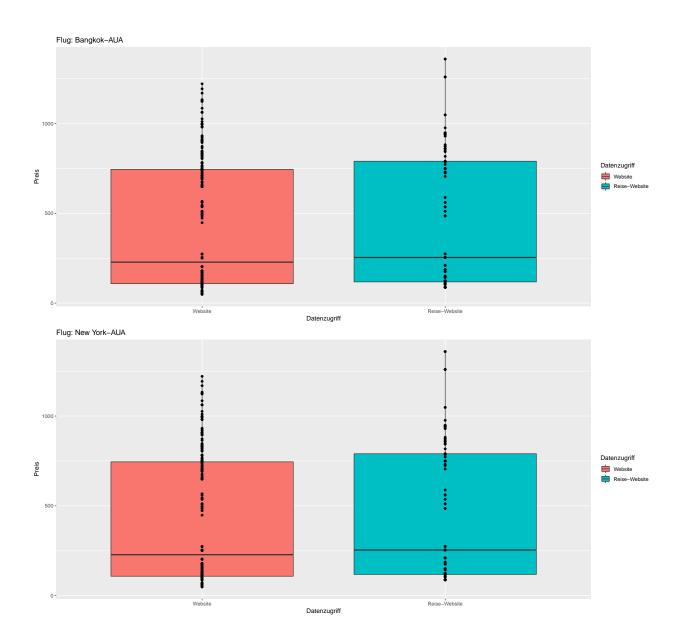
#				
" # Levels #		% of Total		re %
π		 66.7		6.7
Reise-Website	140	33.3	10	0.0
‡ ‡				
<b>;</b>				
\$ \$ Flug: Tokio-ANA	•			
EDESCRIPTIVES				
# DESCRIPTIVES #				
# Descriptives				
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# #		is Datenzu 	~	
# N	4:	20	420	
# Missing		0	0	
# Mean		25		
# Median		52 56		
Standard deviat Minimum	48 48			
# Maximum	13!			
t				
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t FREQUENCIES				
t Predomotes				
Frequencies of Date to the transfer of Date to the Dat	•			
Levels	Counts	% of Total		
	280	 66.7		6.7
Reise-Website				0.0

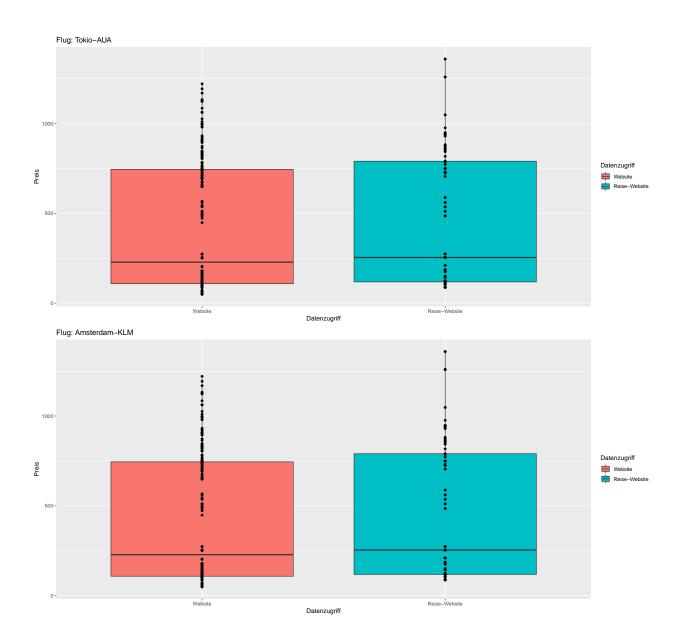
## Box-Plot - Einzelflüge

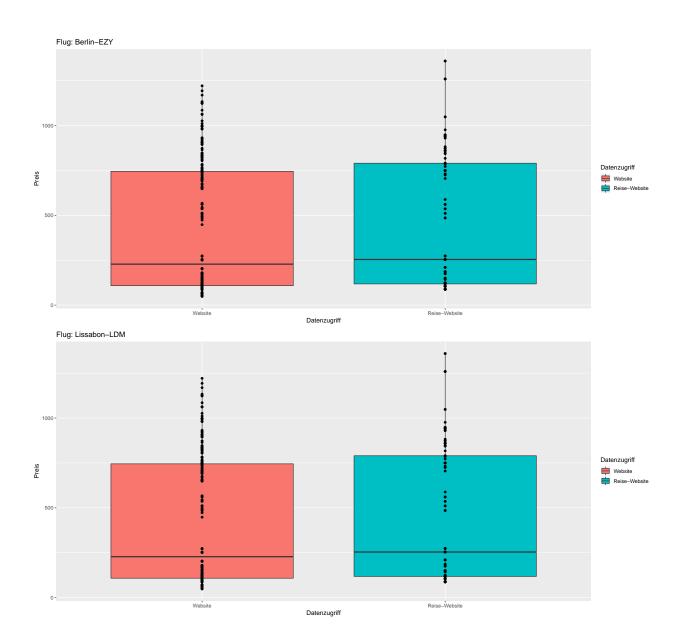


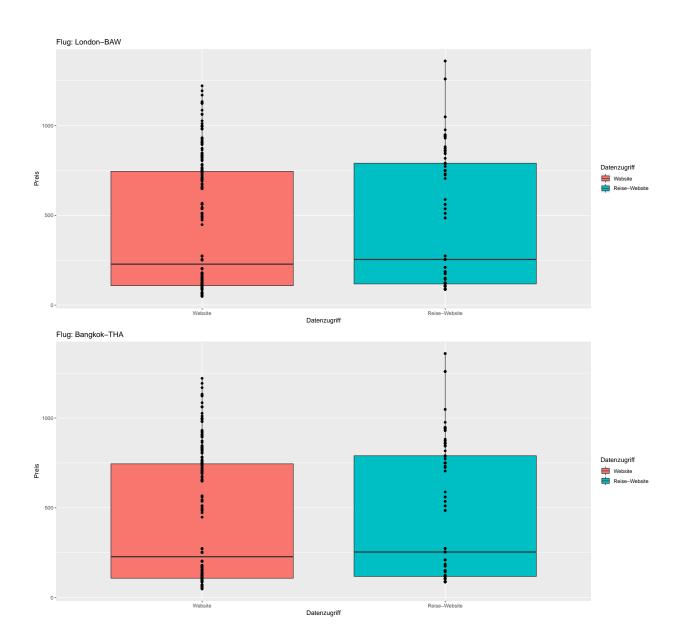
Datenzugriff

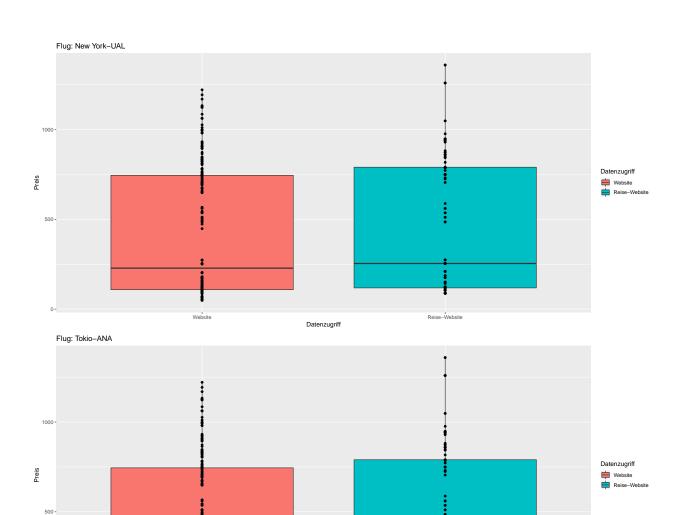












## **ANOVA**

## ESTIMATED MARGINAL MEANS

## \$`Flug: Amsterdam-AUA` ## ## ANOVA ## ## ANOVA ## Sum of Squares df Mean Square F p <U+03B7> $^2$ p ## ## 135027 1 Datenzugriff Residuals ## 135027 1.06 0.303 0.003 5.30e+7 418 ## 126793 ## ## ##

Datenzugriff

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

## DATENZUGRIFF

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

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

    412
    21.3
    370
    454

    450
    30.1
    391
    509

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

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

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

##

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