DESCRIPTIVES (gender related)

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| Characters by Gender | Female: 284  Male: 338  X2 = 4.6881, p < 0.05 |
| Characters by Gender over Seasons  (calculations\_miraculous\_descriptives\_Martin.R) | Differences between groups not significant (X2); plot1 |
| Characters: Reoccurring in all seasons | Female: 18 (1 villain; Princess Fragrance)  Male: 19 (1 villain, Hawk Moth) |

H1:

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| Berechnung | Beschreibung | Ergebnis (sign) |
| #ANOVA1  twa1  t | #AV: Sentiment.ai-Scores (z-transformed)  #UV: Gender-From  #UV: Gender-To | Main effect: Gender From:  female – male: female lower than male  females are talking to others in a more stressed way than males, regardless of to whom they are talking (lower sentiment)  F(1) = 41.022, p < 0.001 |
| #ANOVA4:  twa4 | #AV: Sentiment.ai-Scores (z-transformed)  #UV: Gender-From  #UV: Gender-To  #UV: Role-From  #UV: Role-To | Main Effects:  Gender\_From: twa4\_pht1; F(1) = 41.284, p < 0.001  “females are talking to others in a more stressed way than males, regardless of to whom they are talking (lower sentiment)”  Role\_From: twa4\_pht2: F(3) = 16.589, p < 0.001  “Friends\_other talk less stressed to others than main characters”  Role\_To: twa4\_pht3: F(3) = 9.541, p < 0.001  “to friends\_others is talked less stressed as to villains”  “to main is talked less stressed as to villains”  Interaction: twa4\_pht4  Gender\_From:Role\_From – 9 sign. Group diff  Role\_From:Role\_To - 12  Gender\_To:Role\_From:Role\_To 21  What to do with these…interactions (twa4\_pht4) |
| ANOVA fit | ANOVA FIT  twa1, twa2 (role), twa3 (role\_category) twa4, twa6 | twa4: Gender\_Role: 51752.94  twa2: Role: 51764.96  twa5: Gender\_Role\_Category: 51774.54  twa3: Role\_Category: 51808.95  twa1: Gender: 51821.55  best model: twa4: Gender\_Role |

H2: Graph characteristics – top 10 betweenness vs. gender m/f

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| Plot | Top 10 betweenness over the series against gender m/f |

H3:

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| H2.1: number of speech prompts | |
| Lines per gender | Difference between Lines by gender  Female: 10981  Male: 8914  X2 = 177.63, p < 0.001 |
| Lines per gender and role | All Groups (2x3) differ from each other  Table:  Ein Bild, das Tisch enthält.  Automatisch generierte Beschreibung |
| Lines per gender over seasons | All Groups (2x4) differ from each other: X2  Plot2 and 3 (relative) |
| H3.2: number of words spoken | |
| WordCount per gender | Female: 11.13 word per line  Male: 10.86  No significance in t-test between 2 groups |
| #ANOVA7:  twa7 | #AV: Sentiment.ai-Scores (z-transformed)  #UV: Gender\_From  #UV: Gender\_To  #UV: WCount  Just Gender\_From significant, no other main affect or interaction |
| H3.3: number of questions asked (sending/receiving) | |
| Questions by gender | Gender From: No difference in Questions asked by gender\_from  Gender\_To: Differences between all groups: X2  Females are getting more questions asked (overall) than males  Ein Bild, das Tisch enthält.  Automatisch generierte BeschreibungEin Bild, das Tisch enthält.  Automatisch generierte Beschreibung  Gender From/to: Differences between all groups are sign: X2  Ein Bild, das Tisch enthält.  Automatisch generierte Beschreibung |