

1 Linear Mixed Effect Model Verkehrsteilnehmer

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[1] "AIC"
[1] 254.7708
[1] "BIC"
[1] 295.8201

Linear mixed model fit by REML. t-tests use Satterthwaite's method ['lmerModLmerTest']
Formula: Vt ~ Gruppe * Qualitat + (1 | Proband) + (1 | Szene)
Data: df

REML criterion at convergence: 236.8

Scaled residuals:
    Min      1Q  Median      3Q     Max
-3.4426 -0.3274  0.1493  0.5861  2.3752

Random effects:
Groups   Name      Variance Std.Dev.
Proband  (Intercept) 0.003089 0.05558
Szene    (Intercept) 0.027953 0.16719
Residual                    0.070548 0.26561
Number of obs: 707, groups:  Proband, 30; Szene, 24

Fixed effects:
              Estimate Std. Error      df t value Pr(>|t|)
(Intercept)    0.824645   0.045415  51.061383  18.158 <2e-16 ***
GruppeM3D      -0.061107   0.042925  60.112151  -1.424  0.1597
GruppeHMD       0.014951   0.042375  58.302557   0.353  0.7255
QualitatN      -0.007458   0.034351 655.580629  -0.217  0.8282
GruppeM3D:QualitatN -0.019116 0.049261 657.207557  -0.388  0.6981
GruppeHMD:QualitatN -0.089817 0.048638 655.881702  -1.847  0.0653 .
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Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1

Correlation of Fixed Effects:
              (Intr) GrpM3D GrpHMD QulttN GM3D:Q
GruppeM3D     -0.461
GruppeHMD     -0.467  0.494
QualitatN     -0.378  0.400  0.405
GrppM3D:Q1N   0.264 -0.578 -0.283 -0.697
GrppHMD:Q1N   0.267 -0.283 -0.573 -0.706  0.493
```

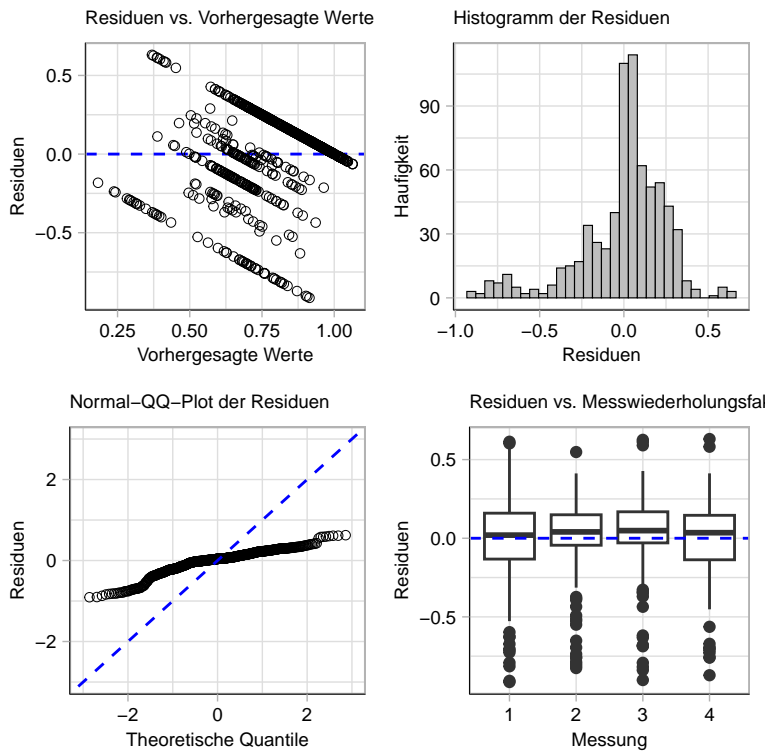


Figure 1: Residuen LMM Verkehrsteilnehmer