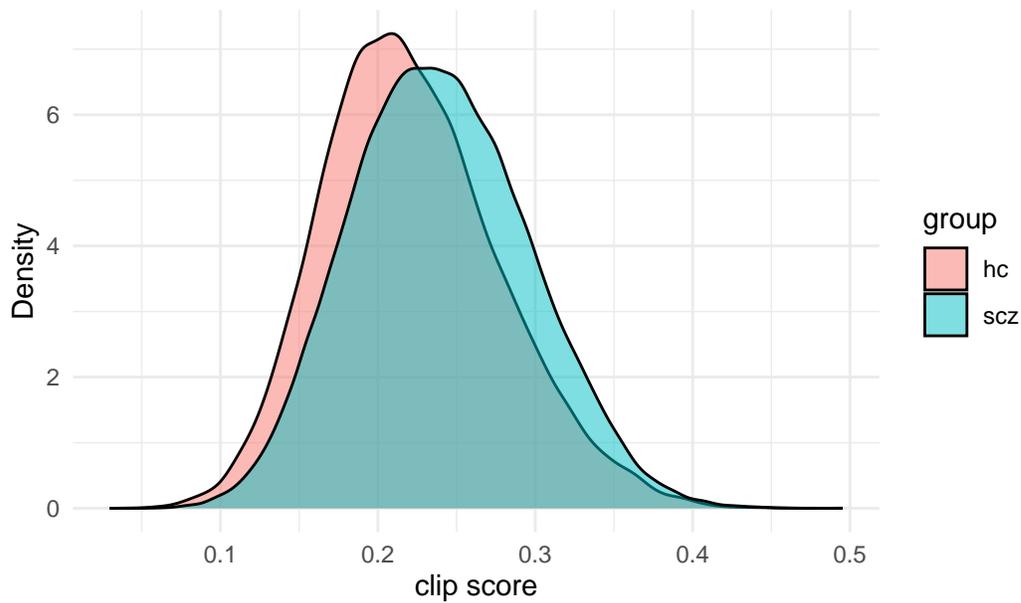


CLIP evaluation

corpus clip scores

- data: clip_results.parquet (Ivan Nenchev)
- additional:
 - lexical diversity score
 - 1stPPronoun rate
 - exploded clip scores, not mean!

Density Plot



Linear mixed model fit by REML. t-tests use Satterthwaite's method [
lmerModLmerTest]
Formula: cl_score ~ group + (1 | TN) + (1 | text_chunk) + ld + fstPPr_rate

Data: dff4

REML criterion at convergence: -406293.2

Scaled residuals:

| Min | 1Q | Median | 3Q | Max |
|---------|---------|---------|--------|--------|
| -4.7324 | -0.5891 | -0.0624 | 0.4691 | 6.2275 |

Random effects:

| Groups | Name | Variance | Std.Dev. |
|------------|-------------|-----------|----------|
| text_chunk | (Intercept) | 1.631e-03 | 0.040381 |
| TN | (Intercept) | 7.633e-05 | 0.008737 |
| Residual | | 1.476e-03 | 0.038419 |

Number of obs: 113900, groups: text_chunk, 3653; TN, 29

Fixed effects:

| | Estimate | Std. Error | df | t value | Pr(> t) |
|-------------|-----------|------------|-----------|---------|--------------|
| (Intercept) | 0.234962 | 0.010406 | 27.942796 | 22.579 | < 2e-16 *** |
| groupscz | 0.023571 | 0.004146 | 28.049269 | 5.685 | 4.26e-06 *** |
| ld | -0.026691 | 0.034733 | 36.448483 | -0.768 | 0.447 |
| fstPPr_rate | -0.189069 | 0.122592 | 24.946504 | -1.542 | 0.136 |

Signif. codes: 0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1

Correlation of Fixed Effects:

| | (Intr) | grpscz | ld |
|-------------|--------|--------|--------|
| groupscz | | -0.217 | |
| ld | | -0.731 | 0.280 |
| fstPPr_rate | | -0.696 | -0.261 |
| | | | 0.105 |