## **IQ Category Distribution Distribution of Estimated IQ Scores** 3000 Mean Difference: 12.8 points Cohen's d: 0.89 2912 FKR FKR AFKR **AFKR** 500 2500 2177 400 Number of Users Frequency 0000 1367 1349 1068 200 1000 686 100 500 408 396 231 118 109 100 140 160 Very Superior Superior (120-129) High Average (110-119) Average (90-109) Low Average (80-89) Below Average (130+)(<80) Estimated IQ **IQ** Categories **Correlation Between IQ and Linguistic Metrics Effect Sizes for Linguistic Differences** 1.00 0.891 0.913 FKR 0.839 0.834 0.803 0.795 **AFKR** 0.765 0.77 **Grammar Errors** 0.75 0.50 Word Count 0.70 Correlation with IQ 0.00 -0.25 Logical Coherence Abstract Reasoning 0.74 -0.50Sm**ø**ll/**g**ffect Flesch-Kincaid GL -0.75 Medium Effect -0.763 Large Effect

0.0

0.1

0.2

Flesch-Kincaid

Logical Coherence

**Linguistic Metrics** 

Abstract

Reasoning

Mord Count

Grammar Errors

0.81

0.4

Cohen's d (Effect Size)

0.5

0.6

0.7

8.0

0.3