

Quade Test

Test: Quade Test

Design: Weighted complete-block comparison of G1, G2, and G3, giving more weight to students with larger within-row ranges.

Variables: G1, G2, G3, student blocks

Null hypothesis: After block adjustment, all three grade occasions have equal location.

Formula: $S_{ij} = Q_i[R_{ij} - (k+1)/2]$; $F_Q = (b-1)B/(A-B)$

Source rows: 649

Calculated metrics:

quade_f: 91.1481074893609

numerator_df: 2

denominator_df: 1296

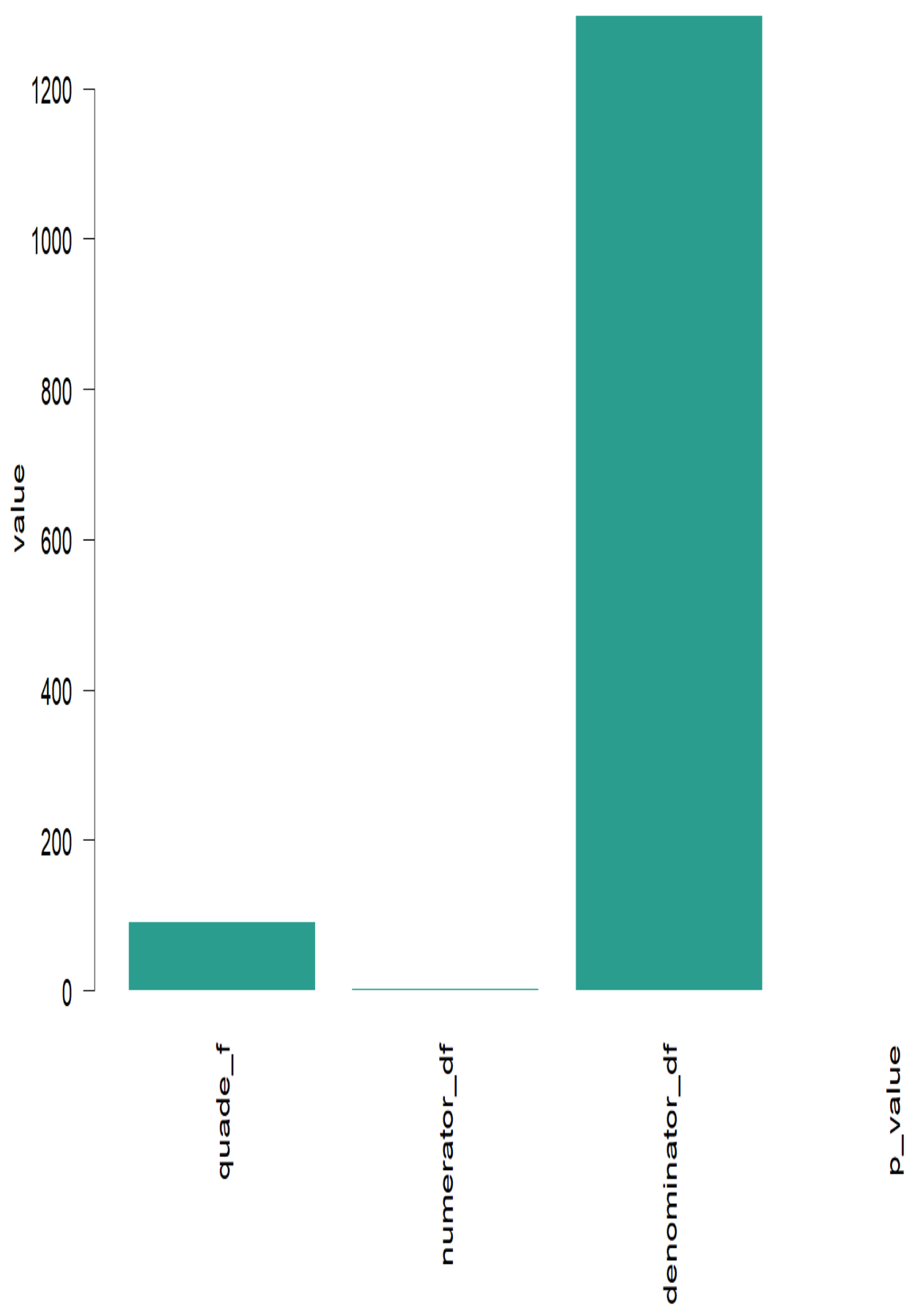
p_value: 9.1751191712029e-38

Interpretation:

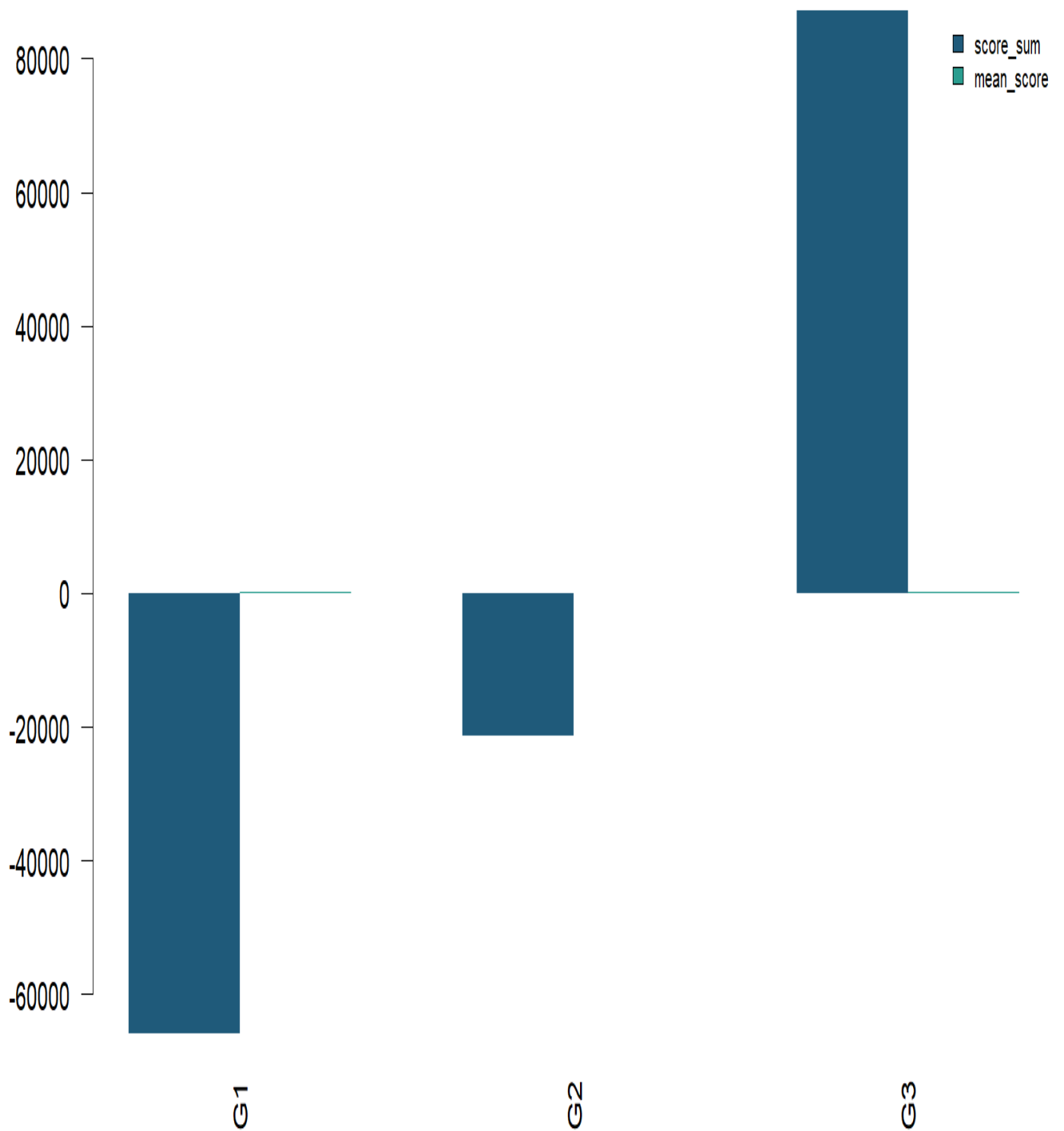
Quade weights blocks by their ranked within-block range.

Quade p = 9.1751191712029e-38

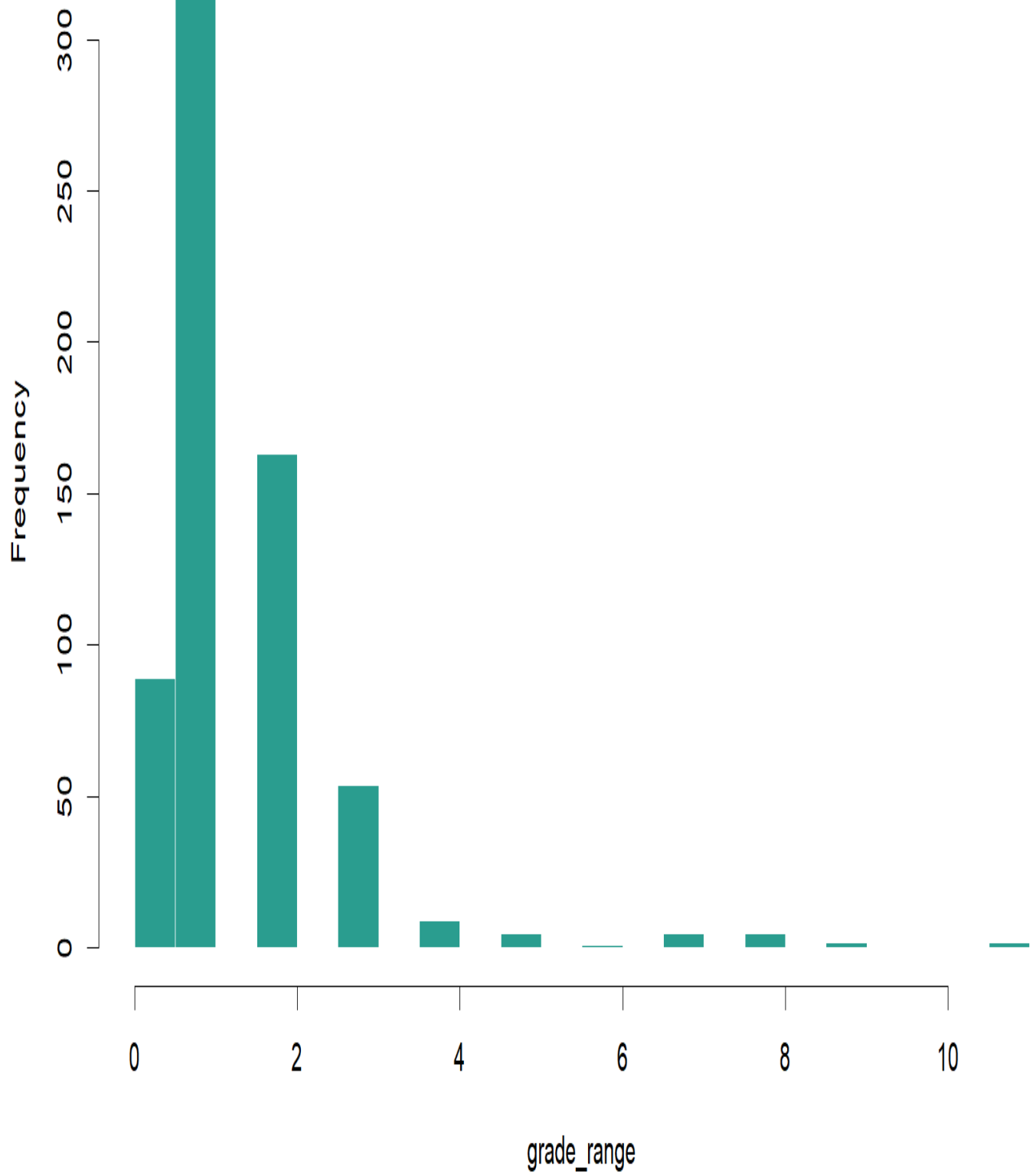
Quade Test - primary metrics



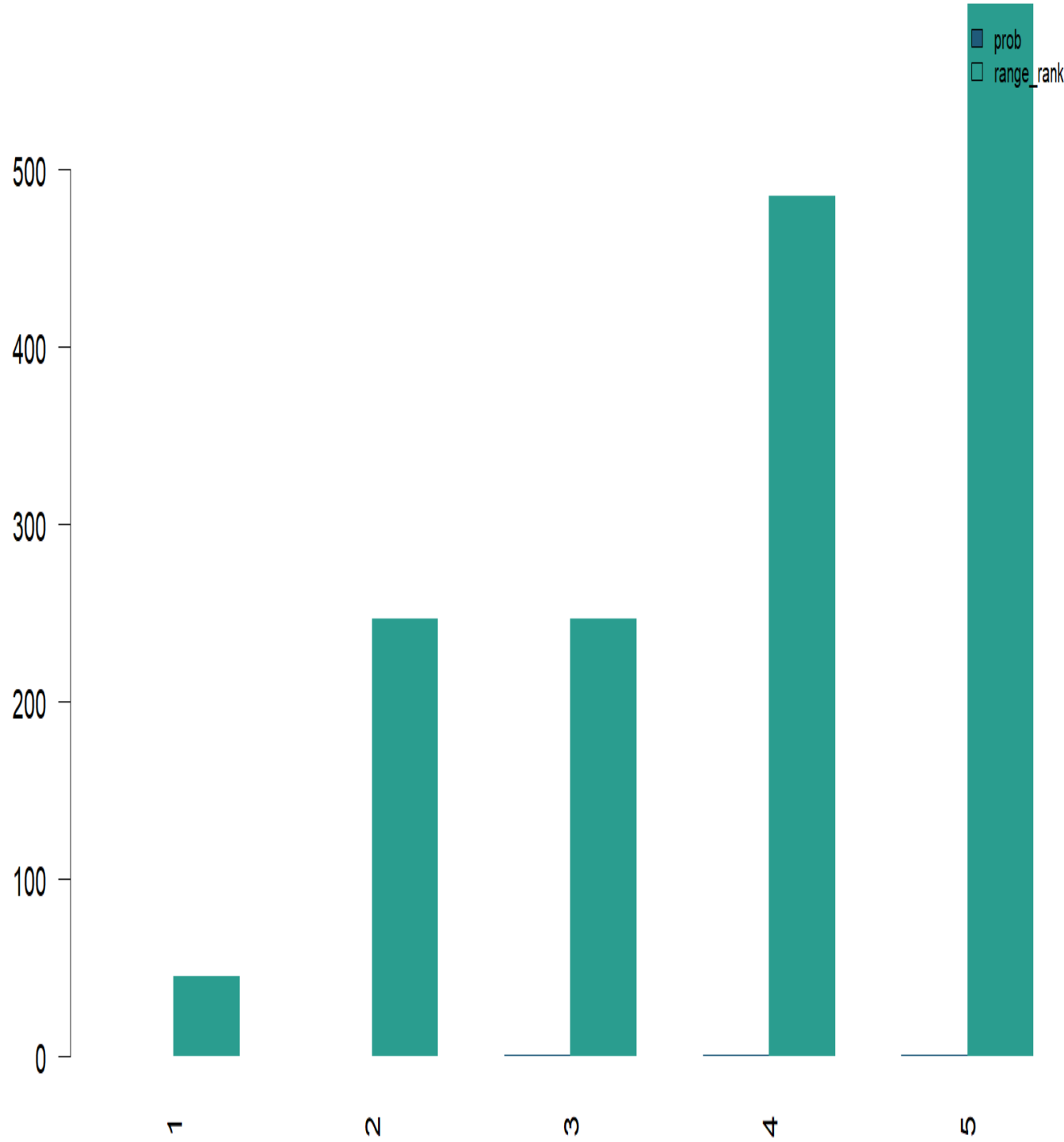
Quade Test - occasion weighted scores



Quade Test - block range weights



Quade Test - range rank quantiles



Quade Test verified results

