**Supplementary**

**Figure S3.** Swarm plot demonstrating computational hyperlinearity scores by clinical rating.

Mean (standard deviation) scores for each clinical group were:

- absent 9071 (±2605.9)

- mild 10 504 (±3527.9),

- moderate 15 085 (±4383.0)

- severe 22 723 (±6375.4)

Chart

Description automatically generated

\*\*\* signifies p-value ≤0.001

NS = not significant (p >0.05)