

Supplementary Materials

Coping with the Inequity and Inefficiency of the H-Index: A Cross-Disciplinary Empirical Analysis

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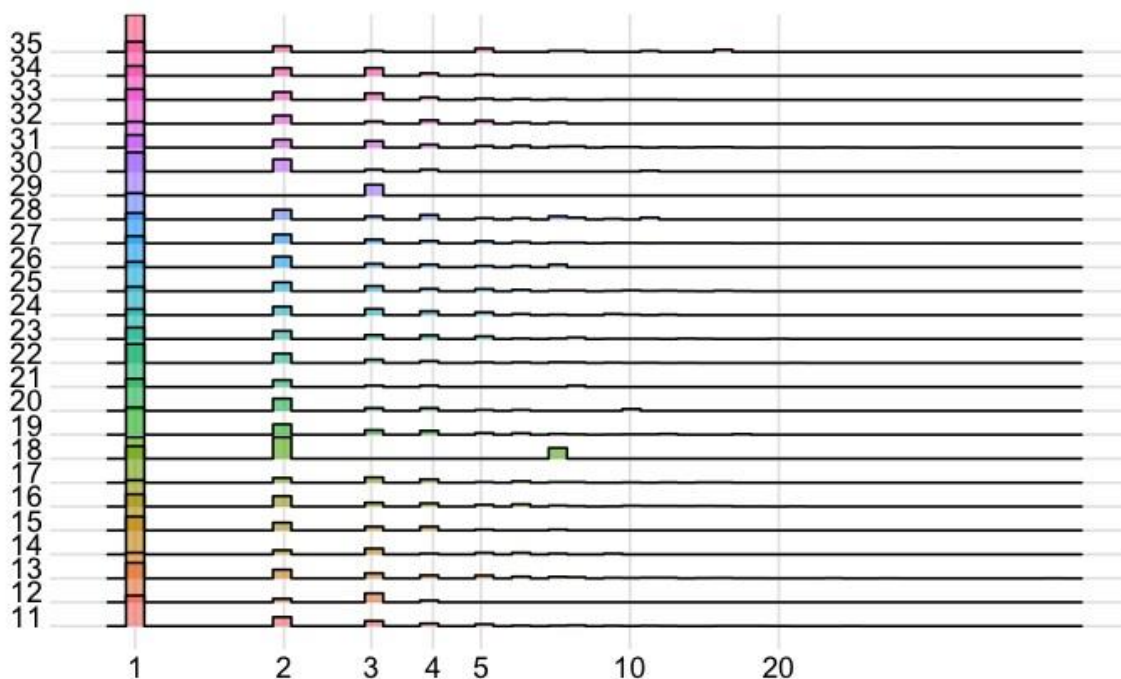


Figure S1. Histograms of (log linear) H_1 for disciplines D_j .

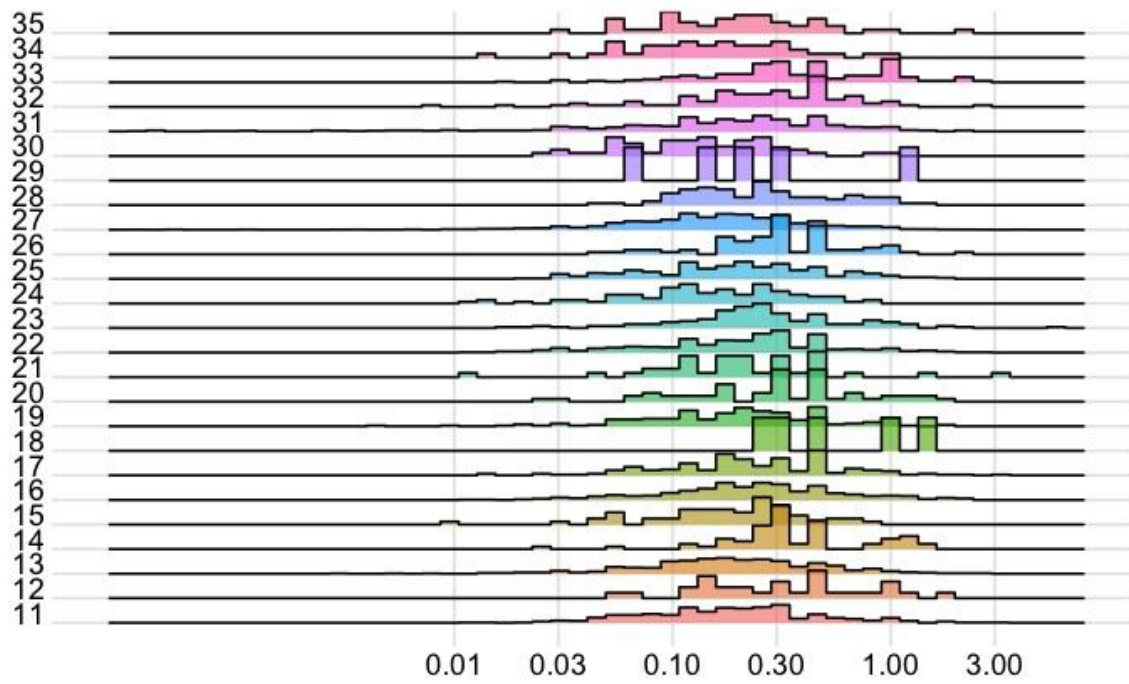


Figure S2. Histograms of (log linear) H_5 for disciplines D_j .

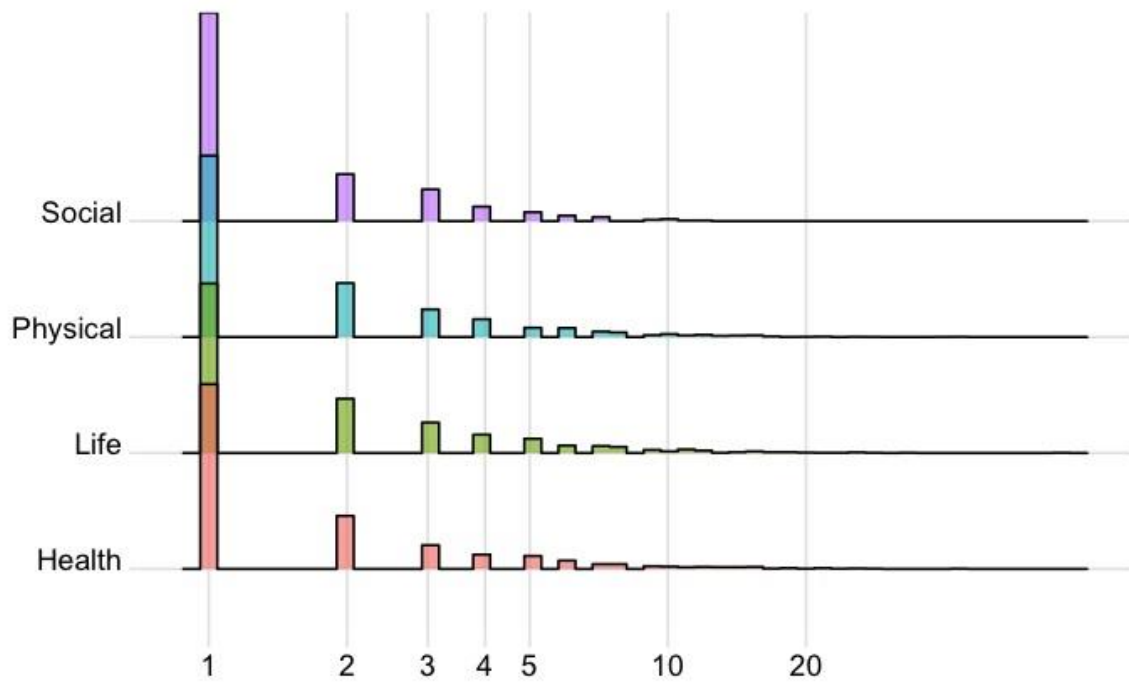


Figure S3. Histograms of (log linear) H_1 for subjects S_k .

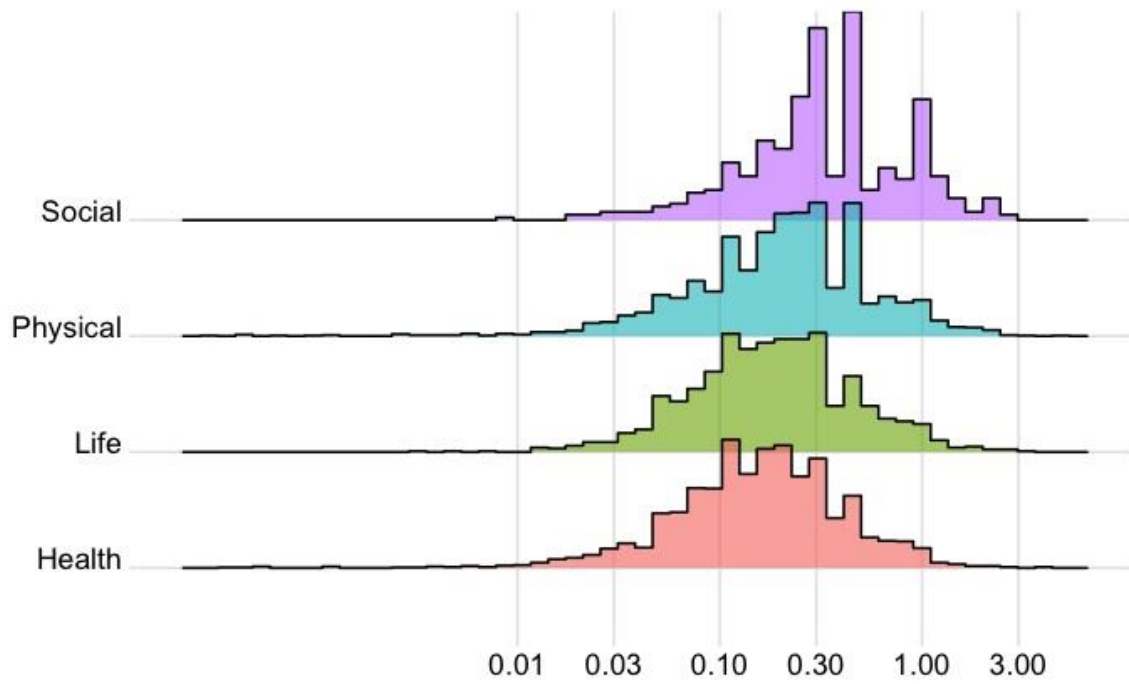


Figure S4. Histograms of (log linear) H_5 for subjects S_k .

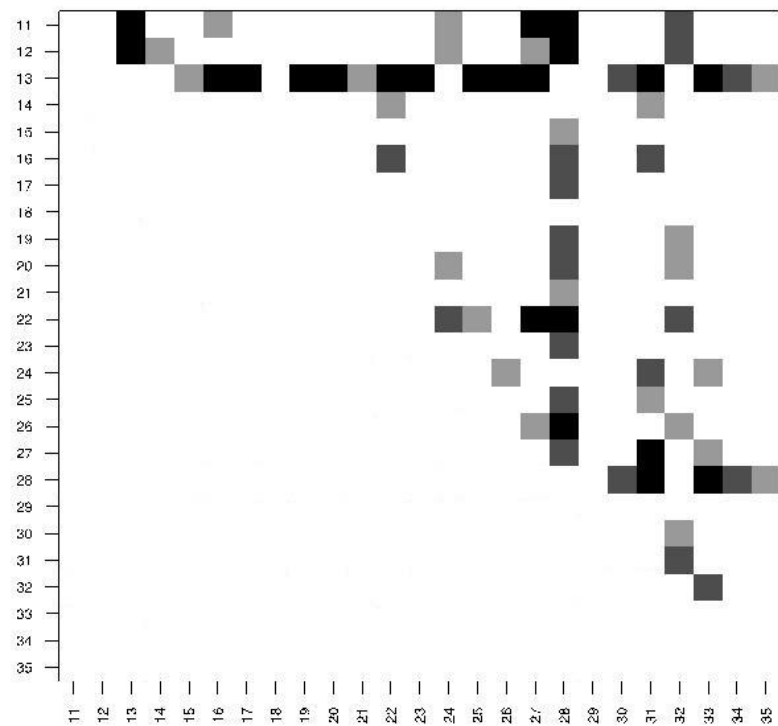


Figure S5. Linear Regression of N_{net} on N_{aut} , ΔH_3 and disciplines D_j . Significance levels on the differences between disciplines. Black = 99.9% ($D_{13} = 13 > D_{28} = 4 > D_{27} = 3$), dark-grey = 99%, light-grey = 95%, white < 95%.

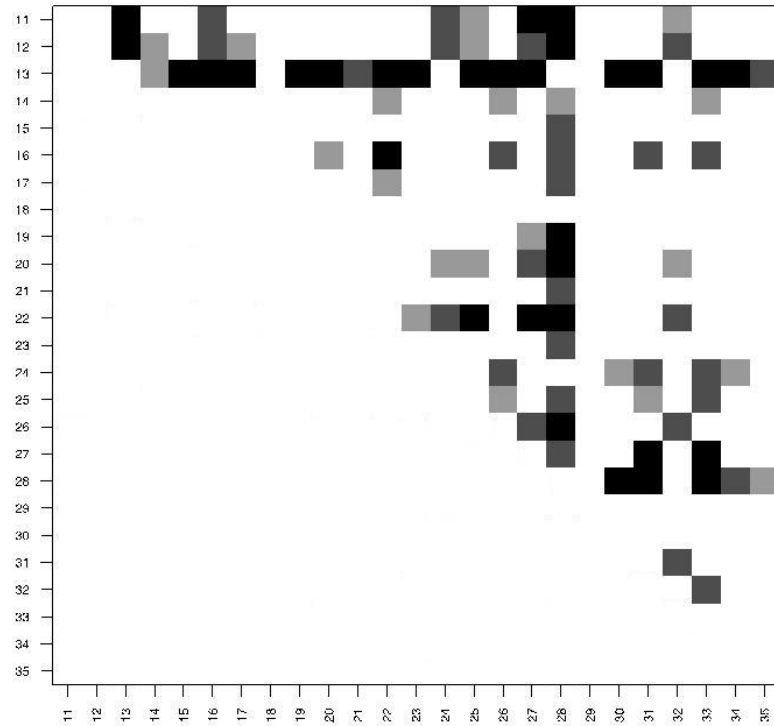


Figure S6. Linear Regression of Nnet on Naut, Aaut, ΔH_4 and disciplines D_j . Significance levels on the differences between disciplines. Nnet = N. net citations, Naut = N. of co-authors, Aaut = 1 for young authors. Black = 99.9% ($D_{13} = 16 > D_{28} = 5 > D_{27} = 2$), dark-grey = 99%, light-grey = 95%, white < 95%.

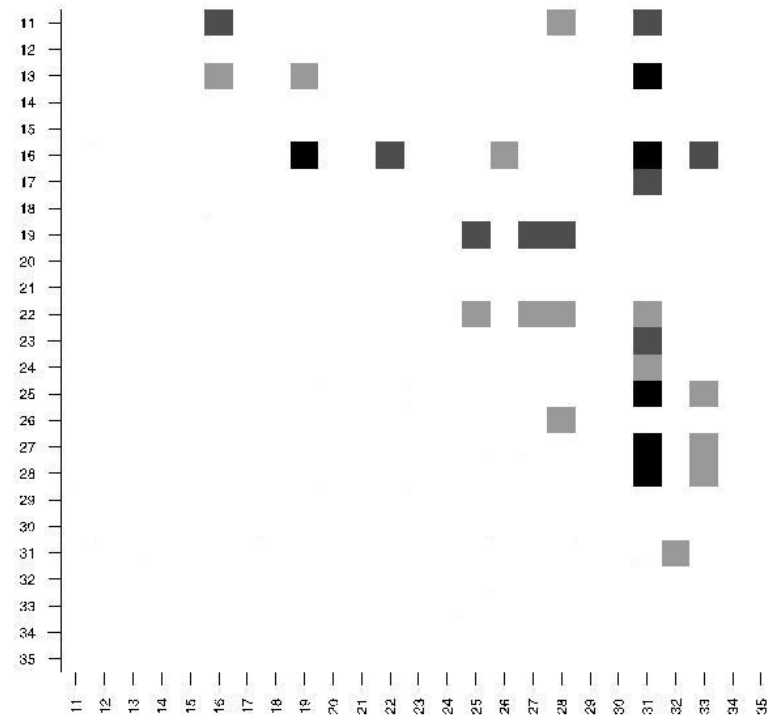


Figure S7. Linear Regression of Ngro on Nnet, Naut, Aaut, ΔH_5 and disciplines D_j . Significance levels on the differences between disciplines. Ngro = N. gross citations, Nnet = N. net citations, Naut = N. of co-authors, Aaut = 1 for young authors. Black = 99.9% ($D_{31} = 5 > D_{16} = 1$), dark-grey = 99%, light-grey = 95%, white < 95%.