



S10 Fig Differences (Mann-Whitney test p-values) in association p-values between proximal and distal eQTLs as functions of the estimated proportions of non-null associations. The GWAS names or acronyms are color-coded to represent different categories (azure=anthropometric, [height]; red=cardiovascular, systolic blood pressure [SBP]; green=immune, rheumatoid arthritis [RA]; gold=metabolic, body mass index [BMI], type-II diabetes [T2D]; black=schizophrenia) and their sizes are proportional to the respective ANCOVA coefficients (* $p < 0.05$, ** $p < 0.001$).