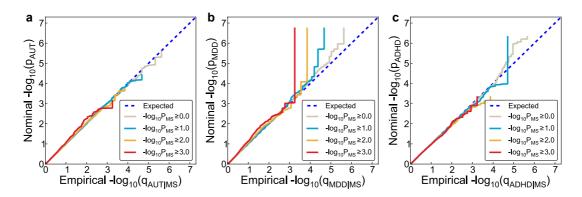
Supplementary Figure 7



Conditional Q-Q plots of nominal versus empirical $-\log_{10}$ p-values (corrected for inflation) in **a.**) Autism spectrum disorder (AUT), **b.**) Major depressive disorder (MDD) and **c.**) Attention-deficit/hyperactivity disorder (ADHD) below the standard GWAS threshold of $p < 5x10^{-8}$ as a function of significance of association with multiple sclerosis (MS) at the level of $-\log_{10}(p) \ge 0$, $-\log_{10}(p) \ge 1$, $-\log_{10}(p) \ge 2$, $-\log_{10}(p) \ge 3$ corresponding to $p \le 1$, $p \le 0.1$, $p \le 0.01$, $p \le 0.001$, respectively. Dotted lines indicate the null-hypothesis.