

Description of Additional Supplementary Files

File Name: Supplementary Data 1

Description: GWAS Loneliness Loci. Loci identified using MTAG analysis, and the results for associations with each of the phenotypes used in the MTAG analysis.

File Name: Supplementary Data 2

Description: LDSC-SEG EpiRoadmap. Tissue enrichment analysis.

File Name: Supplementary Data 3

Description: FUISON eQTL Results. Gene based tests, based on eQTL data from tissues highlighted by tissue enrichment analysis.

File Name: Supplementary Data 4

Description: Genetic Correlations. Correlations between four social phenotypes and other health related phenotypes.

File Name: Supplementary Data 5

Description: Identified Social Loci. Loci identified for the three social interaction phenotypes.

File Name: Supplementary Data 6

Description: GWAS catalogue results. Previously identified associations for the SNPs highlighted by the social analysis.