

Candidate Gene Screen for Schizophrenia and Bipolar Disorder

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Abstract:

We recently performed a candidate gene screen of 64 genes (440 SNPs) with biological relevance and prior linkage or association to schizophrenia in our sample of 274 SZ/schizoaffective and 323 BPI case-parent trios of Ashkenazi Jewish descent. We have evaluated SNPs and haplotypes across all 64 genes for main effects as well as stratified and covariate analyses by age of onset, sex of the case and season of birth. Within this talk, statistical issues such as haplotype versus single SNP tests, choice of tagging algorithms, multiple comparisons, and staged designs will be discussed.