

The First Genome- Wide Association of Liberalism-Conservatism

Peter K Hatemi, Genetic Epidemiology, Queensland Institute of Medical Research, Political Science, University of Iowa, United State Centre, University of Sydney

Nicholas G. Martin, Genetic Epidemiology, Queensland Institute of Medical Research

Abstract: The assumption that the transmission of political preferences is purely cultural has been challenged repeatedly over the last forty years by the combined evidence of large studies of kinships and allelic association studies. Heritability estimates reported for Liberalism-Conservatism range from 40 to 60%. However the genetic variants that underlie the heritability of ideology remain unknown. Here we conducted the first genome-wide association analyses on two Australian family samples. Two SNPs reached genome wide significance.