

Contents

78 Preface

Ott, J. (New York, N.Y.)

Original Papers

79 Adding Further Power to the Haseman and Elston Method for Detecting Linkage in Larger Sibships: Weighting Sums and Differences

Shete, S. (Houston, Tex.); Jacobs, K.B.; Elston, R.C. (Cleveland, Ohio)

86 Regression Models for Linkage: Issues of Traits, Covariates, Heterogeneity, and Interaction

Schaid, D.J. (Rochester, Minn.); Olson, J.M. (Cleveland, Ohio); Gauderman, W.J. (Los Angeles, Calif.); Elston, R.C. (Cleveland, Ohio)

97 X-Linked Extension of the Revised Haseman-Elston Algorithm for Linkage Analysis in Sib Pairs

Wiener, H. (Birmingham, Ala.); Elston, R.C. (Cleveland, Ohio); Tiwari, H.K. (Birmingham, Ala.)

108 Effect of Box-Cox Transformation on Power of Haseman-Elston and Maximum-Likelihood Variance Components Tests to Detect Quantitative Trait Loci

Etzel, C.J.; Shete, S. (Houston, Tex.); Beasley, T.M.; Fernandez, J.R.; Allison, D.B. (Birmingham, Ala.); Amos, C.I. (Houston, Tex.)

117 Efficiency Robust Tests for Mapping Quantitative Trait Loci Using Extremely Discordant Sib Pairs

Freidlin, B.; Zheng, G. (Bethesda, Md.); Li, Z.; Gastwirth, J.L. (Bethesda, Md./Washington, D.C.)

125 Regression-Based Sib Pair Linkage Analysis for Binary Traits

Zeegers, M.P.A. (Maastricht/London); Rice, J.P. (St. Louis, Mo.); Rijdsdijk, F.V. (London); Abecasis, G.R. (Ann Arbor, Mich.); Sham, P.C. (London/Hong Kong)

132 Information Perspectives of the Haseman-Elston Method

Wright, F.A. (Chapel Hill, N.C.)

143 A Simple Nonparametric Test for Linkage with Sib-Pair Censored Event Time Observations

Wei, E. (Kenilworth, N.J.); Wei, L.J.; Xu, X. (Boston, Mass.)

147 A Method for Evaluating the Results of Bayesian Model Selection: Application to Linkage Analyses of Attributes Determined by Two or More Genes

Suh, Y.J. (Seoul); Ye, K.O.; Mendell, N.R. (Stony Brook, N.Y.)