

BIOSTATISTICS STATEMENT

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Title: GSTM1 Polymorphism and Esophageal Cancer Risk: an updated meta-analysis based on 37 studies

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Biostatistics Statement: The statistical methods of this study were reviewed by Wei quan Lu(email: wqlu2001@163.com) from College of Public Health, Zhengzhou University; Department of Epidemiology, Henan Tumor Hospital, China. including but not limited to pooled ORs, Q-test, funnel plot and the linear regression asymmetry test. The review by the biomedical statistician is conducted with respect to the following points: (1) Statistical methods are adequately and appropriately described when they are used to verify the results; (2) The statistical techniques are suitable; (3) Only homogeneous data can be averaged. Standard deviations are preferred to standard errors. The number of observations and subjects (n) is given. Losses in observations, such as drop-outs from the study, are reported; (4) Values, such as ED50, LD50 and IC50, have the 95% confidence limits calculated and have been compared by weighted probit modeling (using the functions described by Bliss and Finney); and (5) The word "significantly" is replaced by its synonyms (if it indicates extent) or the P value (if it indicates statistical significance). In addition, a copy of any approval