

## **Asymptotic normality and strong consistency of maximum quasi-likelihood estimates in generalized linear models**

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In a generalized linear model with  $q \times 1$  responses, bounded and fixed (or adaptive)  $p \times q$  regressors  $Z_i$  and general link function, under the most general assumption on the minimum eigenvalue of  $\sum_{i=1}^n Z_i Z_i'$ , the moment condition on responses as weak as possible and other mild regular conditions, we prove that the maximum quasi-likelihood estimates for the regression parameter vector are asymptotically normal and strongly consistent.