

## A SAS MACRO TO GENERATE NORMAL AND HALF-NORMAL PLOTS WITH SIMULATED ENVELOPE

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- *ABSTRACT: This work will provide a SAS macro to generate normal and half-normal plots using the simulated envelope technique proposed by Atkinson (1985). The macro name is "envelope". This macro is based on the GENMOD procedure, and the main motivation for your creating is that such a diagnostic tool is not available in software SAS. It will be presented two illustrations of the use of this macro, one for simulated database and one using a database available in GENMOD procedure help.*
- *KEYWORDS: Generalized linear model; diagnostics; normal plots; half-normal plots; SAS.*

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