ARIC MANUSCRIPT PROPOSAL FORM

Manuscript #135

1. Title (length 26):
Reliability of ARIC FFO

2. Writing Group (list individual with lead responsibility first):
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3. Timeline:
Initial analysis         April 15
Complete analysis   June 15
Draft MS.               Aug. 15

4. Rationale:
The ARIC food frequency questionnaire differs from previously validated Willet questionnaires in several ways: (1) it was interviewer administered, (2) the population included men, (3) the population included substantial numbers of black and low SES. This manuscript would give some insights into the utility of the Willet instrument in diverse populations. Furthermore, it might suggest appropriate sub-studies to be incorporated into Screen 3.

5. Main Hypothesis:
1. The Willet Questionnaire performs as well in men, blacks, low SES as in women.
2. Reliability of the Willet Questionnaire is similar in women, men, blacks.
3. The reliability of the questionnaire is similar to Nurse Health Study and Iowa women's study.

6. Data (variables, time window, source, inclusions/exclusions):
External comparisons with HANES data will describe distributions of key nutrients for men and women. The total sample of 450 examines at V1 and V2 will be used, utilizing stratified random sample methods to account for field center differences. Comparisons of means, correlations and joint classification by quintiles will be the principal modes of analysis. Ratios of intra/inter individual variability will be computed for major nutrients.

Keywords:  Diet, methods, gender, race, sociodemographics