**Supplemental Material**

**Supplemental Figure Legends**

**Figure S1. ALTOLD study recruitment criteria and participant flow chart.**

**Figure S2. MDRD study recruitment criteria and participant flow chart.**

**Figure S3. AASK study recruitment criteria and participant flow chart.**

**Figure S4. CRIC study recruitment criteria and participant flow chart.**

**Sample SPSS Analysis Scripts**

**OLS Regression in MDRD**

REGRESSION

 /MISSING LISTWISE

 /STATISTICS COEFF OUTS CI(95) R ANOVA

 /CRITERIA=PIN(.05) POUT(.10)

 /NOORIGIN

 /DEPENDENT LN\_Fractional\_change

 /METHOD=ENTER Sq\_percent\_delta\_GFR delta\_sysBP interaction ACEiremoved ACEiadded DietGr\_one DietGr\_two.

Variables
LN\_Fractional\_change; *log transformed fractional change in permeability*

Sq\_percent\_delta\_GFR; *square of the percentage change in GFR*

delta\_sysBP; *change in systolic BP*

interaction; *product of change in systolic BP and (percentage reduction in GFR)2*

ACEiremoved; *ACEi or ARB use discontinued between baseline and final assessment*

ACEiadded; *ACEi or ARB use commenced between baseline and final assessment*

DietGr\_one; *randomized to commence low protein diet after baseline assessment*

DietGr\_two; *randomized to commence very low protein diet after baseline assessment*

**ALTOLD Repeated Measures Analysis**

GLM Ln\_ACR\_per\_GFRT0 Ln\_ACR\_per\_GFRT6 Ln\_ACR\_per\_GFRT12 Ln\_ACR\_per\_GFRT24

    Ln\_ACR\_per\_GFRT36

  /WSFACTOR=Time 5 Polynomial

  /MEASURE=Ln\_ACR\_per\_GFR

  /METHOD=SSTYPE(3)

  /PLOT=PROFILE(Time)

  /EMMEANS=TABLES(Time) COMPARE ADJ(BONFERRONI)

  /PRINT=DESCRIPTIVE ETASQ

  /CRITERIA=ALPHA(.05)

  /WSDESIGN=Time.

Variables

LN\_ACR\_per\_GFRT0, …T6, …T12, …T24, …T36; *log-transformed (ACR/GFR) at time 0, 6, 12, 24, 36m*