Program Outline to Estimate Demographic characteristics of time spent on chores

Steps to Replicate Results

1. Clean GSS-Family data to extract or create variables relevant for analysis.

    1.1. Select variables for analysis: COM_105 (Division of chores - Meal preparation), COM_110 (Who in your couple mainly takes care of: doing housework, like vacuum-cleaning the house?), COM_115 (Who in your couple mainly takes care of: doing the dishes (including automatic dishwasher tasks), COM_120 (Who in your couple mainly takes care of doing the laundry), COM_125 (Who in your couple mainly takes care of: doing the grocery shopping), COM_130 (Who in your couple mainly takes care of: doing the gardening), COM_135 (Who in your couple mainly takes care of doing outside work, like repairs), COM_140 (Who in your couple mainly takes care of organizing the household's social life, for example, invitations for family and social occasions, outings, and keeping contacts), COM_145 (Who in your couple mainly takes care of: the household finances and paying the bills), COM_150 (Who in your couple mainly makes decisions regarding: daily household purchases), COM_155 (Who in your couple mainly makes decisions regarding: occasional more expensive purchases for the household), COM_200 (Do you have bank accounts in your sole name only, held in joint names with your(spouse/partner), or do you have both sole and jointly held accounts), COM_212 (Overall, how would you describe the way you and your spouse/partner share household expenses? Are your contributions...)

    1.2. Select demographic variables – SRH_115 (Self-Rated Mental Health), EHG3_01B (Highest Educational Attainment), AGEC (Respondent's Age in Years), SEX (Respondent's Sex), MARSTAT (Marital Status), FAMINCG2 (Family Income), CHRINHDC (Number of Children in Household), WGHT_PER (Individual Survey Weight)

1.3. Make all the variables lowercase.

1.4. Recode the variables

    1.4.1 SRH_115 (Make this ordinal – Excellent (1) – Poor (5)
    1.4.2 EHG3_01B (make this ordinal - HS or Less (1), Some College (2) | Bachelor's + (3)
    1.4.3 SEX (make this binary – Male = 0, Female = 1)
    1.4.4 MARSTAT (make this dichotomous - Married/Common Law = Married (1) | All Else = Not Married (0))
    1.4.5 FAMINCG2 (Make this Ordinal - Values are: 1) Less than $25k; 2) $25k to $49.999k; 3) $50k to 74.999k; 4) $75k to $99.999k; 5) $100k to $124.999k; 6) $125k or more)
    1.4.6 CHRINHDC (make this discrete)
    1.4.7 COM_105 (make this discrete)
    1.4.8 COM_110 (make this discrete)
    1.4.9 COM_115 (make this discrete)
    1.4.10 COM_120 (make this discrete)
    1.4.11 COM_125 (make this discrete)
    1.4.12 COM_130 (make this discrete)

1.4.13 COM_135 (make this discrete)
1.4.14 COM_140 (make this discrete)
1.4.15 COM_145 (make this discrete)

1.5 create a dataset of the cleaned data variables

1.6 rename the variables
1.6.1 SRH_115 = ‘Self Rated Mental Health’
1.6.2 EHG3_01B = ‘Educational Attainment’
1.6.3 COM_105 = 'Meal Prep Time Allocation'
1.6.4 COM_110 = ‘'Grocery Time Allocation'
1.6.5 COM_115 = ‘'Outdoor Chores Time Allocation'
1.6.6 COM_120 = 'Managing Finances'
1.6.7 COM_125 = 'Laundry Time Allocation'
1.6.8 COM_130 = 'Gardening Time Allocation'
1.6.9 AGEC = ‘Age’
1.6.10 SEX = ‘Female’
1.6.11 MARSTAT = ‘Marital Status’
1.6.12 FAMINCG2 = ‘Household Income’
1.6.13 CHRINHDC = ‘Number of Children in Household’
1.6.14 WGHT_PER = ‘Person-weight’
1.7 Deal with the Missing Data (Variables not included have no missing data or were already coded)
1.7.1 Replace missing data with NA variables (7,8,9)
1.7.2 Creating sample variable for analyses (this variable to filter out cases missing any data)
1.7.3 Filter out the missing data

2. Create the Summary Tables
2.1. Create Table 1
` 2.1.1 Use male and female as the dependent variables and the household chore variables as the independent variables. Run analysis for the following: Mean and standard deviations provided for continuous variables. Proportions provided for categorical variables
2.2 Create Table 2 of OLS Regressions of SRH and Housework (a linear model of self-rated mental health
2.2.1 Self-reported mental health = dependent variable
2.2.2 educational attainment times sex, age, marital status, family income, kids in household = independent variable
2.2.3 wght_per = weights
2.2.3 create the SRH table based on the linear model using the gtsummary package.
2.2.4 create another table that will be merged with the SRH model to create table 2
2.2.4.1 make a linear model using family income and educational attainment*sex as dependent variables. Marital Status, age, kids in household as independent variables. Use the wgt_per variable as the weighting variable.
2.2.4.2 create a regression table using gtsummary of the family income.

2.2.4.2 Merge the two tables created to create one giant table that shows significance of variables with standard error