Tests of Homogeneity

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1 Overview

Conduct Chi-squared tests (for binary or count variables) or Kolmogorov-Smirnov tests (for continuous variables) to test for homogeneity across two samples. The two samples are:

1. Participants who were **included** in analyses having RAPI as the outcome of interest
2. Participants who were **excluded** in analyses having RAPI as the outcome of interest

2 Results for RAPI as outcome of interest

Table 1: H_0 : There is no difference in the distribution of the variable of interest (Column 1) across the two samples being compared

Variable	p
sex	0.027
age	0.394
race	0.375
baseline HED	0.634

Table 2: Participants who reported their sex to be female vs. others

Category	Count among included	Count among excluded	Percent among included	Percent among excluded
female	525	151	57.503	65.939
others	388	78	42.497	34.061
Grand Total	913	229	100.000	100.000

Table 3: Participants who reported their race to be white vs. others

Category	Count among included	Count among excluded	Percent among included	Percent among excluded
white	632	165	69.222	72.368
others	281	63	30.778	27.632
Grand Total	913	228	100.000	100.000

Table 4: Frequency table for baseline HED (among those participants in each sample whose baseline HED is not missing)

Category	Count among included	Count among excluded
1	377.0	77.0
2	151.0	34.0
3	96.0	24.0
4	72.0	15.0
5	43.0	7.0
6	46.0	11.0
7	22.0	5.0
8	17.0	2.0
9	28.0	6.0
10	3.0	3.0
11	20.0	8.0
12	16.0	1.0
13	4.0	0.0
14	7.0	4.0
15	1.0	0.0
16	1.0	0.0
17	5.0	2.0
18	1.0	0.0
19	2.0	0.0
Average value of baseline HED	3.3	3.5