hslscompare

```r
set.seed(42)

library(dplyr)
```

```
Attaching package: 'dplyr'

The following objects are masked from 'package:stats':

    filter, lag

The following objects are masked from 'package:base':

    intersect, setdiff, setequal, union
```

```r
load("C:/Users/alex/OneDrive/Desktop/New folder (4)/hsls_17_student_pets_sr_v1_0.rdata")

dathsls <- hsls_17_student_pets_sr_v1_0
dathsls_old <- haven::read_sav('C:/Users/alex/Downloads/HSLS 2009 6.11.21.sav')


hsls <- dathsls
hsls <- hsls %>%
  rename(stu_id = STU_ID, # change column names
         sch_id = SCH_ID,
         excellentTests = S1MTESTS,
         understandTexts = S1MTEXTBOOK,
         masterSkills = S1MSKILLS,
         excellentAssign = S1MASSEXCL,
```

```
          sex = X1SEX,
          race = X1RACE,
          hispanic = X1HISPANIC,
          white = X1WHITE,
          black = X1BLACK,
          asian = X1ASIAN,
          pacificIsland = X1PACISLE,
          SES = X1SES,
          hsls_w_cohort_g9 = W1STUDENT,
          hsls_w_cohort_g12 = W2STUDENT)

hsls_old <- dathsls_old
hsls_old <- hsls_old %>%
  rename(stu_id = STU_ID, # change column names
         sch_id = SCH_ID,
         excellentTests = S1MTESTS,
         understandTexts = S1MTEXTBOOK,
         masterSkills = S1MSKILLS,
         excellentAssign = S1MASSEXCL,
         sex = X1SEX,
         race = X1RACE,
         hispanic = X1HISPANIC,
         white = X1WHITE,
         black = X1BLACK,
         asian = X1ASIAN,
         pacificIsland = X1PACISLE,
         SES = X1SES,
         hsls_w_cohort_g9 = W1STUDENT,
         hsls_w_cohort_g12 = W2STUDENT)



#as.numeric(as.character(hsls$sex)) %>% sum(na.rm = TRUE)


table(hsls$sex, hsls$excellentTests)
```

	Strongly agree	Agree	Disagree	Strongly disagree
Male	2623	5177	1494	287
Female	1948	4975	2150	395
Item legitimate skip/NA	0	0	0	0

	Item legitimate skip/NA	Unit non-response	Missing
Unit non-response	0	0	0	0
Missing	0	0	0	0

	Item legitimate skip/NA	Unit non-response	Missing
Male	1139	1086	167
Female	974	967	115
Item legitimate skip/NA	0	0	0
Unit non-response	0	0	0
Missing	0	6	0

```r
table(hsls_old$sex, hsls_old$excellentTests)
```

```
     1    2    3    4
1 2623 5177 1494  287
2 1948 4975 2150  395
```

```r
table(hsls$sex)
```

```
          Male                Female Item legitimate skip/NA
         11973                 11524                       0
Unit non-response               Missing
             0                     6
```

```r
table(hsls_old$sex)
```

```
    1     2
12856 12292
```

```r
sum(hsls_old$sex, na.rm = TRUE)
```

```
[1] 37440
```

3

```r
#head(hsls$masterSkills)
#head(hsls$excellentAssign)
#head(hsls$race)


table_new <- table(hsls$masterSkills, hsls$asian)
table_old <- table(hsls_old$masterSkills, hsls_old$asian)
```