accessing and tabulating survey questions in the 2024 CES

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The 2024 CES survey is a nationally representative survey of adult Americans, interviewed in fall 2024 and again in the winter. You have access to the codebook for the survey, which lists the questions. In this package you can tabulate a variable and then using another function, cross-tabulate a variable, adding row or column percentages.

Install it. Then `library(ces2024)`:

```
remotes::install_github("whittkilburn/ces2024")
```

```
library(ces2024)
```

Load the dataset with

```
data(ces24)
```

To find the names of survey questions (variables or columns in the dataset), consult the codebook. To list the names of all the variables in the dataset, use `names(ces24)`.

Output isn't shown, but `names(ces24)` will list all the variables:

```
names(ces24)
```

The variable identifier (think column number in a spreadsheet) identifies a specific survey question. The codebook is a little sketchy at times, but generally under the question wording you can find the variable name in a grey text.

To tabulate a question, enter `tab()` and the name of the variable — without quotes `tab(educ)`.

```
tab(educ)
```

The frequencies and percentages of the responses will appear in the Viewer pane.

The function `xtab()` will tabulate a variable with another – a cross tabulation. The basic syntax is `xtab(row_variable, column_variable)`. To cross tabulate party identification and education:

```
xtab(pid7, educ)
```

educ

Response	Weighted Count	Percent
No HS	3127	6
High school graduate	14411	29
Some college	9919	20
2-year	4959	10
4-year	10540	21
Post-grad	6478	13

pid7 × educ

Weighted frequencies (counts rounded up)

	No HS	High school graduate	Some college	2-year	4-year	Post-grad
pid7	n	n	n	n	n	n
Strong Democrat	591	3156	2160	1036	2596	1935
Not very strong Democrat	308	1374	1015	533	1021	727
Lean Democrat	128	1059	1068	542	1116	836
Independent	653	2099	1297	683	1181	732
Lean Republican	292	1339	1171	565	1227	629
Not very strong Republican	337	1547	916	497	1000	514
Strong Republican	681	3430	2088	1039	2251	1063
Not sure	139	410	208	67	151	45