Math 338 Name Nhi Vu

Kafai – HW 6

A survey is conducted and data are collected and coded. The data layout is shown below:

|  |  |  |  |
| --- | --- | --- | --- |
| Variable | Description | Columns | Coding Values |
| ID | Subject identifier | 1-3 |  |
| GENDER |  | 4 | M=Male F=Female |
| PARTY | Political party | 5 | ‘1’ = Republican  ‘2’ = Democrat  ‘3’ = Not registered |
| VOTE | Did you vote in the last election? | 6 | 0 = No 1 = Yes |
| FOREIGN | Do you agree with the government’s foreign policy? | 7 | 0 = No 1 = Yes |
| SPEND | Should we increase domestic spending? | 8 | 0 = No 1 = Yes |

Collected data are in the text file called HW6.txt

Write a SAS program complete with labels and formats for this questionnaire and print the data.

/\*\*\*\*HW6\*\*Nhi\*\*Vu\*\*\*\*/

**data** HW6;

infile '\\Client\H$\Desktop\Math338\data\HW6.txt';

input ID **1**-**3** GENDER $**4** PARTY **5** VOTE **6** FOREIGN **7** SPEND **8**;

label ID="Subject identifier"

PARTY="Political party"

VOTE="Did you vote in the last election?"

FOREIGN ="Do you agree with the government’s foreign policy?"

SPEND="Should we increase domestic spending?";

**run**;

**proc** **format**;

value $gender 'M'= "Male"

'F'= "Female"

Other = "N/A";

value part **1** = "Republican"

**2** = "Democrat"

**3** = "Not registered";

Other = "N/A";

value vote **0** = "No" **1** = "Yes" Other ="N/A";

value foreign **0** = "No" **1** = "Yes" Other ="N/A";

value spend **0** = "No" **1** = "Yes" Other ="N/A";

**run**;

**proc** **print** data=HW6 label;

format ID z3. GENDER $gender. PARTY part. VOTE vote. FOREIGN foreign. SPEND spend.;

title "Homework #6";

**run**;

**quit**;

Text

Description automatically generated with low confidence