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/*Program to recode Wave IV, Section 21: Criminal Offending and Victimization
variables H4DS13 - H4DS20*/
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```
data h4ds_fix;
```

```
  set w4.wave4(keep=aid h4ds:);
```

```
***1. Temporarily recode values of 6, 8, and 9 for variables H4DS1-H4DS20 to
missing
so that these values are not included in the sum of the variables constructed
in items 2 and 3.;
```

```
  if h4ds1 in (6,8,9) then ds1=.; else ds1=h4ds1;
  if h4ds2 in (6,8,9) then ds2=.; else ds2=h4ds2;
  if h4ds3 in (6,8,9) then ds3=.; else ds3=h4ds3;
  if h4ds4 in (6,8,9) then ds4=.; else ds4=h4ds4;
  if h4ds5 in (6,8,9) then ds5=.; else ds5=h4ds5;
  if h4ds6 in (6,8,9) then ds6=.; else ds6=h4ds6;
  if h4ds7 in (6,8,9) then ds7=.; else ds7=h4ds7;
  if h4ds8 in (6,8,9) then ds8=.; else ds8=h4ds8;
  if h4ds9 in (6,8,9) then ds9=.; else ds9=h4ds9;
  if h4ds10 in (6,8,9) then ds10=.; else ds10=h4ds10;
  if h4ds11 in (6,8,9) then ds11=.; else ds11=h4ds11;
  if h4ds13 in (6,8,9) then ds13=.; else ds13=h4ds13;
  if h4ds14 in (6,8,9) then ds14=.; else ds14=h4ds14;
  if h4ds15 in (6,8,9) then ds15=.; else ds15=h4ds15;
  if h4ds16 in (6,8,9) then ds16=.; else ds16=h4ds16;
  if h4ds17 in (6,8,9) then ds17=.; else ds17=h4ds17;
  if h4ds18 in (6,8,9) then ds18=.; else ds18=h4ds18;
  if h4ds19 in (6,8,9) then ds19=.; else ds19=h4ds19;
  if h4ds20 in (6,8,9) then ds20=.; else ds20=h4ds20;
```

```
***2. Create a variable, VAR1, that is the sum of variables H4DS1 - H4DS11.;
  var1=sum (of ds1-ds11);
```

```
***3. Create another variable, VAR2, that is the sum of variables H4DS13 -
H4DS20.;
  var2=sum (of ds13-ds20);
```

```
***4. Recode variables H4DS13 - H4DS20 to missing when VAR1 = 0 and VAR2 =
8.;
```

```
  if var1=0 and var2=8 then do;
    h4ds13=.;
    h4ds14=.;
    h4ds15=.;
    h4ds16=.;
    h4ds17=.;
    h4ds18=.;
    h4ds19=.;
    h4ds20=.;
```

```
  end;
```

```
***Drop the temporary variables;
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```
  drop ds1-ds11 ds13-ds20 var1 var2;
```

```
run;
```