SAS printout in Chinese

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Although Chinese is widely used in so many countries, there is no SAS in Chinese version. There is no way to run SAS with variable names in Chinese, but we can make the titles and variable names in the printout in Chinese.

If we want to print out the result like this:

SAS中用汉字的方法

<table>
<thead>
<tr>
<th>OBS</th>
<th>性别</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>男</td>
</tr>
<tr>
<td>2</td>
<td>女</td>
</tr>
<tr>
<td>3</td>
<td>男</td>
</tr>
</tbody>
</table>

Here 'SAS中用汉字的方法' is the title means 'Chinese used in SAS'; '性别' is the variable name 'sex' in Chinese, '男' means 'male' and '女' means 'female'.

The result will be generated with the following program:

```
TITLE 'SAS中用汉字的方法';
PROC FORMAT;
VALUE SEXFMT 1='男' 2='女';
DATA chinese;
INPUT x;
LABEL x='性别';
FORMAT x SEXFMT.;
CARDS;
1
2
1
;```
In SAS DOS version, entering a Chinese DOS called UCDOS V.3.1 after entering MSDOS. Set the Chinese character input prompt bar at the bottom of the screen and then start SAS. The prompt bar will not be overlapped by the SAS DMS windows. The Chinese characters can be inputted in ordinary way.

In SAS WIN, The best way is using the Chinese Windows. The Chinese mode can be invoked by pressing the 'CTRL+ SPACE' bar and the method of Chinese character inputting will displayed in a prompt box at the bottom of the screen. By clicking the mouse in the box, method of inputting can be selected. The chinese character is displayed after inputting the code. If there is a list of characters displayed, by inputting the number of the character just before the character to select. Another list of more characters can be got by click on the arrow prompt. By pressing the return key, the character selected will displayed on the cursor position in the program editor screen for programming. By pressing the 'CTRL+ SPACE' bar again, the English mode returns.

If one do not have a Windows in Chinese, he can use other Chinese platforms, such as the Chinese Star version 2.0. Then he can invoke Chinese Star in Windows and then invoke SAS. Invoke the 'method of inputting Chinese' in the menu of Chinese Star with a mouse and select a method then input Chinese characters. The Chinese or English character mode can be toggled with the control key 'Ctrl'.

It is more convenient to use SAS/ASSIST to make the titles and the labels in Chinese.

The above is a very simple example of how to print out results in Chinese. Following the tricks in this program, one can make his own programs output printed in Chinese nicely.

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