

Split File to Run Separate Analyses by Group in SPSS¹

In SPSS, it is possible to run separate analyses by group by using the commands:

```
sort file by group .  
split file by group .
```

Following is an example, and abbreviated output.

```
GET FILE='C:\Program Files\SPSS\1991 U.S. General Social Survey.sav'.  
sort cases by sex .  
split file by sex.  
fre var = happy .
```

Frequencies
Statistics
HAPPY

SEX				Frequency	Percent	Valid	Percent	Cumulative
								Percent
1 Male	Valid	1	Very Happy	206	32.4	32.5		32.5
		2	Pretty Happy	374	58.8	59.1		91.6
		3	Not Too	53	8.3	8.4		100.0
		Total		633	99.5	100.0		
	Missing	9	NA	3	.5			
	Total		636	100.0				
2 Female	Valid	1	Very Happy	261	29.6	30.0		30.0
		2	Pretty Happy	498	56.5	57.2		87.1
		3	Not Too	112	12.7	12.9		100.0
		Total		871	98.9	100.0		
	Missing	9	NA	10	1.1			
	Total		881	100.0				

To put all cases together again, issue the command:

```
split file off.
```

¹Prepared by Patty Glynn, University of Washington. 4/6/03 C:\all\help\helpnew\split_file.wpd