a)

File Name	File label	# of row	# of columns
IC	Image	23	11
TR	response	67	41
TU	tumor response	19	36
RS	tumor loc	72	34

b)

Merge	
# of row only appears in TR file	19
# of row only appears in RS file	40
# of row only appears in both files	48

Merge	VISITNUM
rows only appears in TR file	1

Merge	Subject ID	mRECIST1.1 response
rows only appears in RS file	1200110025	NA

The FREQ Procedure

Frequency	Table of merge by VISITNUM						
		VISITNUM					
merge	1	4	6	8	11	14	Total
1	19	0	0	0	0	0	19
2	0	8	8	8	8	8	40
3	0	34	0	0	0	14	48
Total	19	42	8	8	8	22	107

The FREQ Procedure

VISITNUM	Frequency
1	19

The FREQ Procedure

Frequency	Table 1 of VISITNUM by RSORRES	
	Controlling for merge=2	
		RSORRES	
VISITNUM	NA	Total
4	1	1
6	1	1
8	1	1
11	1	1
14	1	1
Total	5	5

The FREQ Procedure

SUBJIDN	Frequency
1200110025	40

c)

Merge	# of Subject ID	# of visit
Merged File : Total	6	14

Merge	# of visit
Merged File : Total	14
Only from TR	5
Only from RS	5
Both available	4

The FREQ Procedure

Frequency	Table of merge by VISITNUM		
		VISITNUM	
merge		1	Total
1		5	5
Total		5	5

The FREQ Procedure

Frequency	Table 1 of VISITNUM by RSORRES		
	Controlling for merge=2		
		RSORRES	
VISITNUM		NA	Total
4		1	1
6		1	1
8		1	1
11		1	1
14		1	1
Total		5	5

The FREQ Procedure

Frequency	Table of merge by SUBJIDN						
			SUBJIDN				
merge	600110005	700060005	800310010	1100060005	1200110025	1200310025	Total
1	1	1	1	1	0	1	5
2	0	0	0	0	5	0	5
3	1	1	1	1	0	0	4
Total	2	2	2	2	5	1	14

The FREQ Procedure

Frequency	Table of merge by VISITNUM						
			VISITNUM				
merge	1	4	6	8	11	14	Total
1	5	0	0	0	0	0	5
2	0	1	1	1	1	1	5
3	0	3	0	0	0	1	4
Total	5	4	1	1	1	2	14

The FREQ Procedure

Frequency	Table of merge by VISITNUM			
		VISITNUM		
merge		4	14	Total
3		3	1	4
Total		3	1	4

d)

Analysis Variable : TRSTRESN	
Mean	Std Dev
11.8600000	16.4784101