

The first ten rows of the Titanic dataset

Obs	Name	PClass	Age	Sex	Survived
1	Allen, Miss Elisabeth Walton	1st	29	female	1
2	Allison, Miss Helen Loraine	1st	2	female	0
3	Allison, Mr Hudson Joshua Creighton	1st	30	male	0
4	Allison, Mrs Hudson JC (Bessie Waldo Daniels)	1st	25	female	0
5	Allison, Master Hudson Trevor	1st	0.92	male	1
6	Anderson, Mr Harry	1st	47	male	1
7	Andrews, Miss Kornelia Theodosia	1st	63	female	1
8	Andrews, Mr Thomas, jr	1st	39	male	0
9	Appleton, Mrs Edward Dale (Charlotte Lamson)	1st	58	female	1
10	Artagaveytia, Mr Ramon	1st	71	male	0

Frequency counts for categorical variables

The FREQ Procedure

PClass	Frequency	Percent	Cumulative Frequency	Cumulative Percent
1st	322	24.52	322	24.52
2nd	280	21.33	602	45.85
3rd	711	54.15	1313	100.00

Sex	Frequency	Percent	Cumulative Frequency	Cumulative Percent
female	462	35.19	462	35.19
male	851	64.81	1313	100.00

Frequency counts for categorical variables

The FREQ Procedure

Survived	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0	863	65.73	863	65.73
1	450	34.27	1313	100.00

Descriptive statistics for age

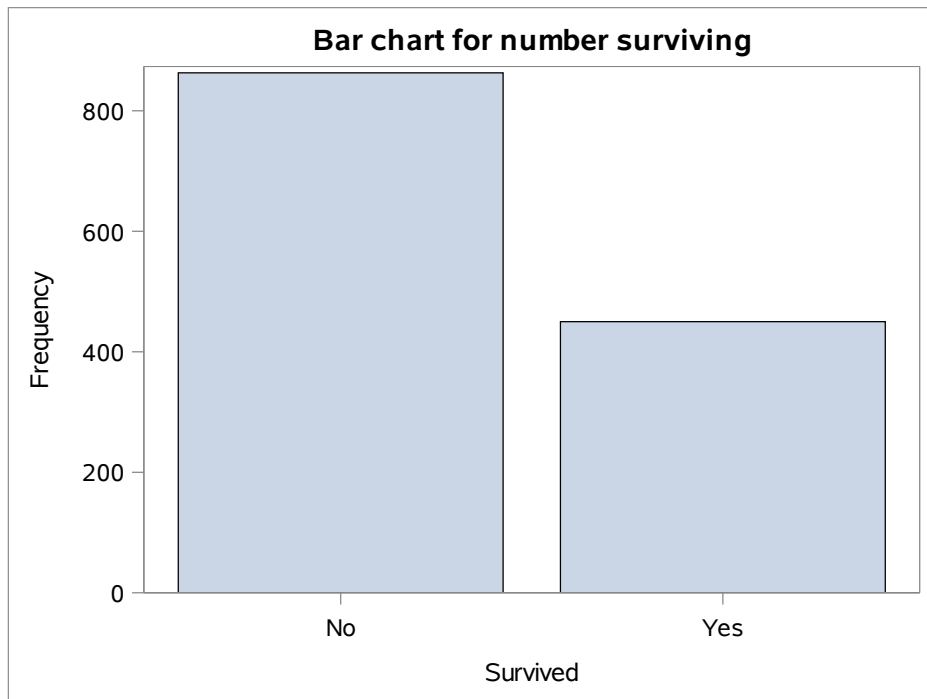
The MEANS Procedure

Analysis Variable : age_c					
N	N Miss	Mean	Std Dev	Minimum	Maximum
756	557	30.3979894	14.2590487	0.1700000	71.0000000

Frequency counts for survived using labels

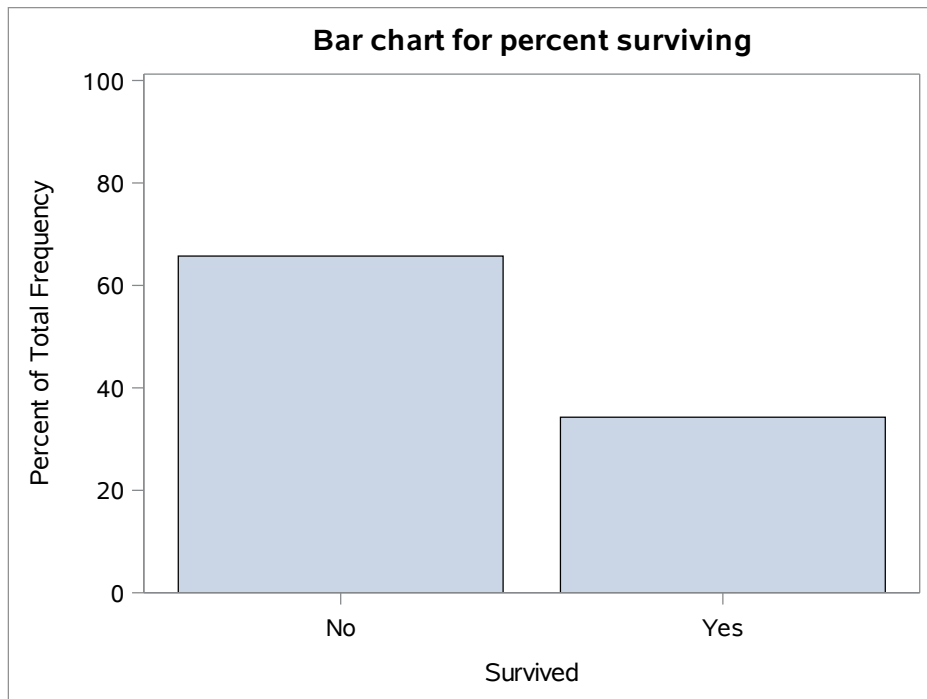
The FREQ Procedure

Survived	Frequency	Percent	Cumulative Frequency	Cumulative Percent
No	863	65.73	863	65.73
Yes	450	34.27	1313	100.00



Dataset created by proc freq

Obs	Survived	COUNT	PERCENT
1	0	863	65.7273
2	1	450	34.2727



Quality check for conversion

The MEANS Procedure

age_cat=adult

Analysis Variable : age_c	
Minimum	Maximum
21.0000000	71.0000000

age_cat=missing

Analysis Variable : age_c	
Minimum	Maximum
.	.

Quality check for conversion

The MEANS Procedure

age_cat=pre-teen

Analysis Variable : age_c	
Minimum	Maximum
6.0000000	12.0000000

age_cat=teenager

Analysis Variable : age_c	
Minimum	Maximum
13.0000000	20.0000000

Quality check for conversion

The MEANS Procedure

age_cat=toddler

Analysis Variable : age_c	
Minimum	Maximum
0.1700000	5.0000000

Quality check for conversion Revision to control ordering

The MEANS Procedure

age_cat=toddler

Analysis Variable : age_c	
Minimum	Maximum
0.1700000	5.0000000

age_cat=pre-teen

Analysis Variable : age_c	
Minimum	Maximum
6.0000000	12.0000000

Quality check for conversion Revision to control ordering

The MEANS Procedure

age_cat=teenager

Analysis Variable : age_c	
Minimum	Maximum
13.0000000	20.0000000

age_cat=adult

Analysis Variable : age_c	
Minimum	Maximum
21.0000000	71.0000000

Quality check for conversion Revision to control ordering

The MEANS Procedure

age_cat=unknown

Analysis Variable : age_c	
Minimum	Maximum
.	.

Quality check for conversion Revision to control ordering

The FREQ Procedure

Frequency	Table of PClass by first_class			
	PClass	first_class		
		No	Yes	Total
	1st	0	322	322
	2nd	280	0	280
	3rd	711	0	711
	Total	991	322	1313

Crosstabulation with all percentages

The FREQ Procedure

Frequency Percent Row Pct Col Pct	Table of Sex by Survived		
	Sex	Survived	
		No	Yes
	female	154 11.73 33.33 17.84	308 23.46 66.67 68.44
	male	709 54.00 83.31 82.16	142 10.81 16.69 31.56
	Total	863 65.73	450 34.27
			1313 100.00

Crosstabulation with row percentages

The FREQ Procedure

Frequency Row Pct

Table of Sex by Survived			
Sex	Survived		
	No	Yes	Total
female	154 33.33	308 66.67	462
male	709 83.31	142 16.69	851
Total	863	450	1313

Crosstabulation with column percentages

The FREQ Procedure

Frequency Col Pct

Table of Sex by Survived			
Sex	Survived		
	No	Yes	Total
female	154 17.84	308 68.44	462
male	709 82.16	142 31.56	851
Total	863	450	1313

Crosstabulation with cell percentages

The FREQ Procedure

Frequency Percent	Table of Sex by Survived			
Sex	Survived			
	No	Yes	Total	
female	154 11.73	308 23.46	462 35.19	
male	709 54.00	142 10.81	851 64.81	
Total	863 65.73	450 34.27	1313 100.00	