BalloonPlot : Proportion of survived passengers by gender, age and class (Area proportional to frequency)					
	1st	2nd	3rd	Crew	
Child-M	1.000	1.000	0.271	0.000	
Child-F	1.000	1.000	0.452	0.000	
Adult-M	0.326	0.083	0.162	0.223	
Adult–F	0.972	0.860	0.461	0.870	

Figure 4: Balloon plot of proportion of people surviving

From Figure 4 we can easily see that all the children in  $1^{st}$  and  $2^{nd}$  class survived, as did most of the women in  $1^{st}$  and  $2^{nd}$  class and among the crew. It is also evident that survival among  $3^{rd}$  class passengers is much lower than in any of the other classes.

The reasons for this are well known:

1. Third class passengers were berthed below decks and hence had diffuclty reaching the life

boat launches.

2.