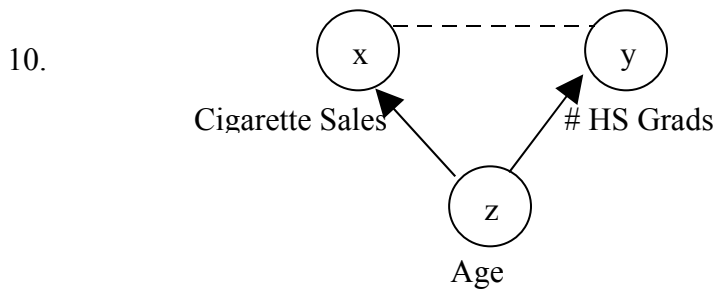


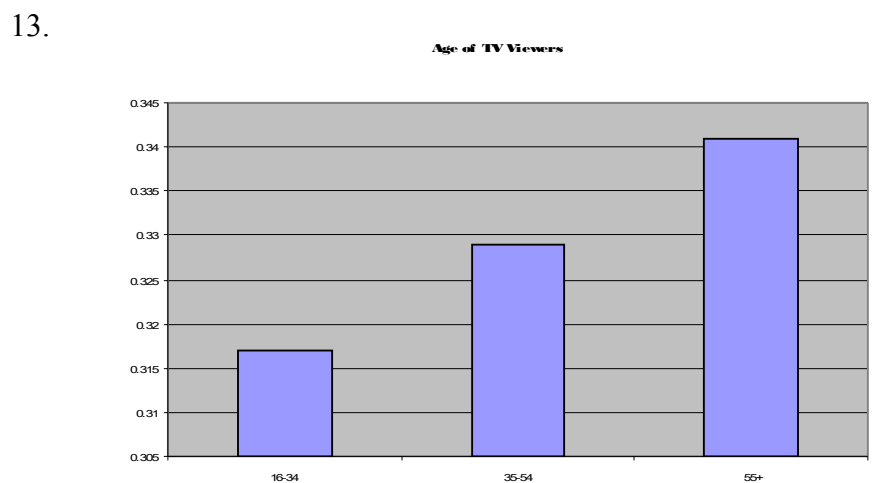
6. There are no Quantitative variables.
7. The two categorical variables are “gender” and “political party of candidate”.
8. The explanatory variable is “gender”.
9. The response variable is “political party of candidate”.



11. The above relationship is an example of common response.

12.

Age	16-34	35-54	55+
	0.317	0.329	0.341



14.

		16-34	35-54	55+
Amount of	Low	0.20	0.29	0.51
Violence	High	0.45	0.38	0.18

15. While the percentage of TV Viewers is close across the age groups, we can see that there is quite a difference in the kind of TV the ages watch. The younger group is more likely to watch high violence shows while the older group is much less likely. It appears that the older the viewers are, the less violence they are willing to watch on TV.

16. Note that the scatterplot of (# of Subscribers) and (Year) looks exponential. And log(Subscribers) vs (Year) is quite linear with $r = 0.998$.

