

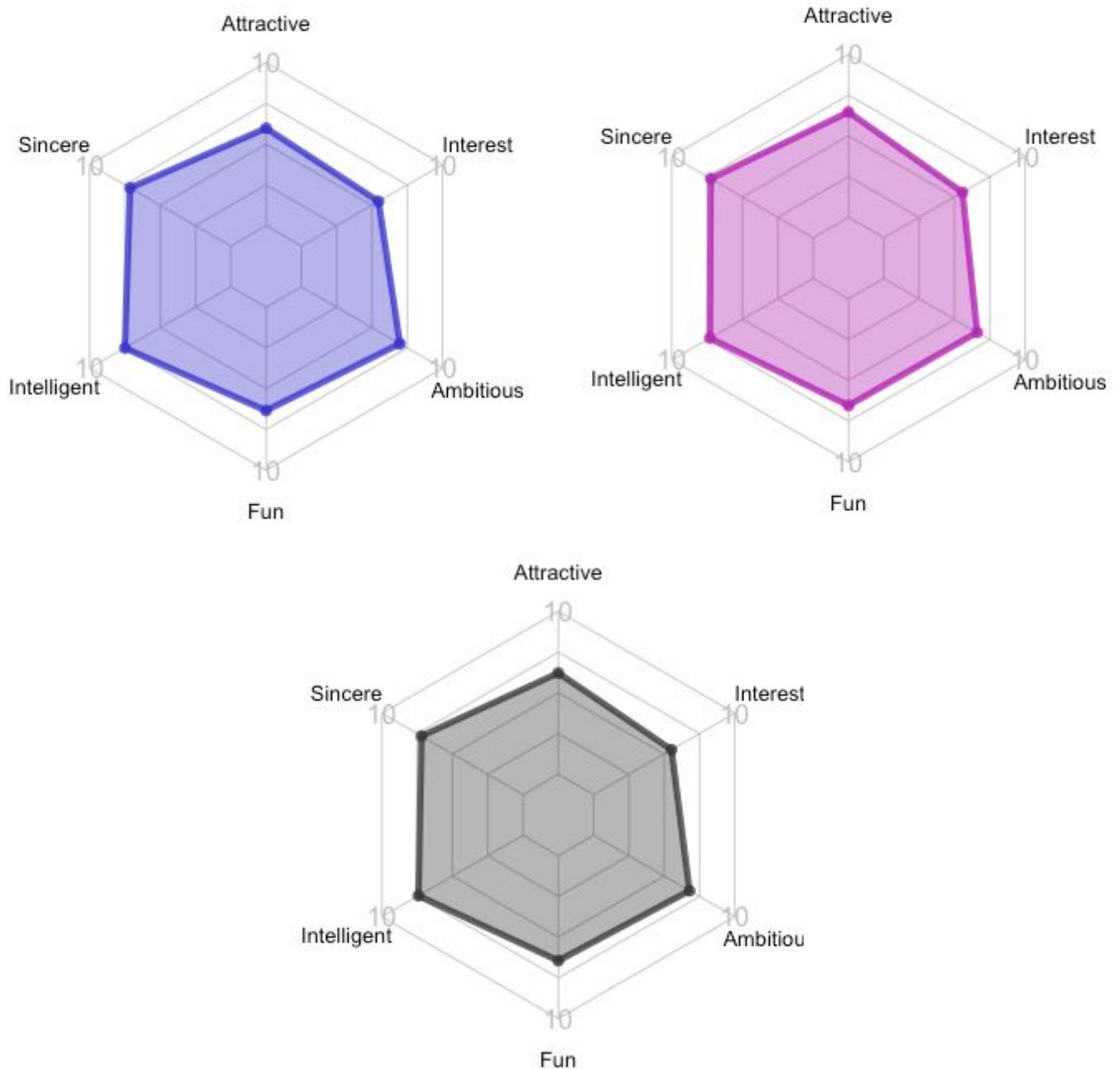
Speed Dating analysis

Part 0

In part 0 I've installed few necessary packages, checked dataset using `colMeans()` and imported data frame from csv file. After that I've split this data set into two subsets. First of them consists women records only, similarly another one is built from men's records.

Part 1

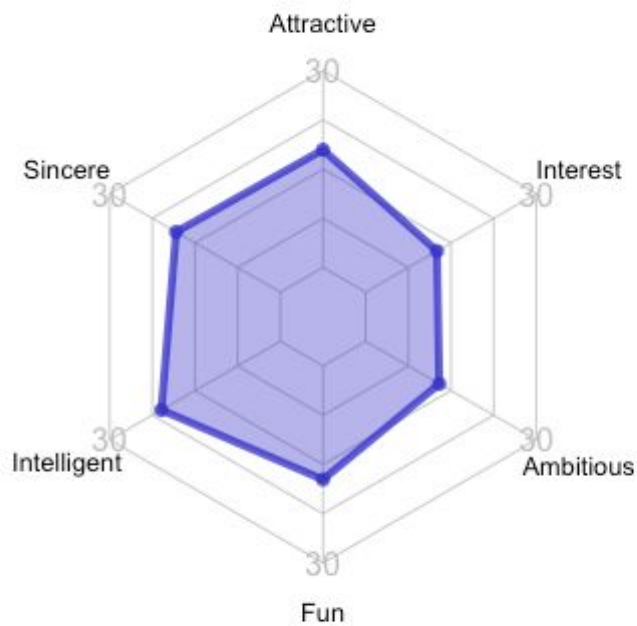
In this part I used radar plots to show **average scores of all people, women and men** in main data set.



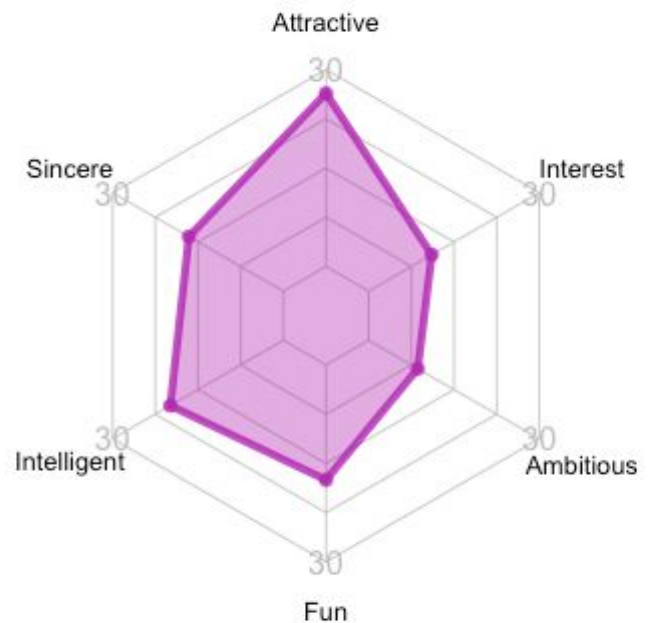
Part 3

This code part checked what are expectations from partner.

women's expectations from men



men's expectations from women

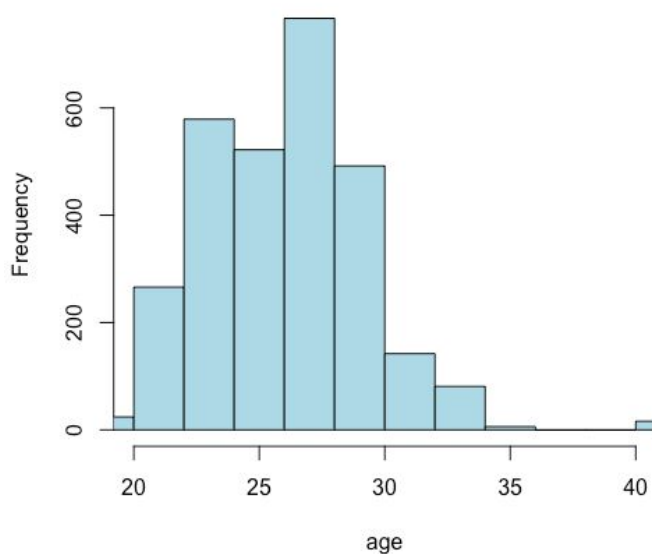


Part 4

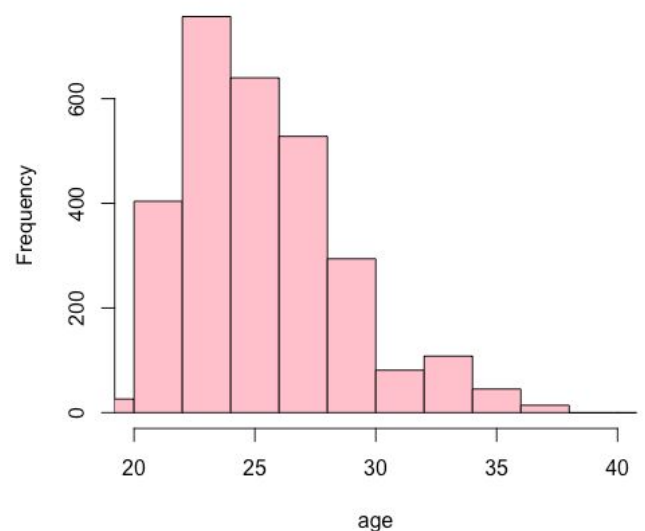
Here we checked if the race affects the choice of partner and the age of the study participants

	African	Caucasian	Latino	Asian	Other
Chance for another date	44.75 %	47.01 %	50.22%	36.60%	39.55%

men participant's age



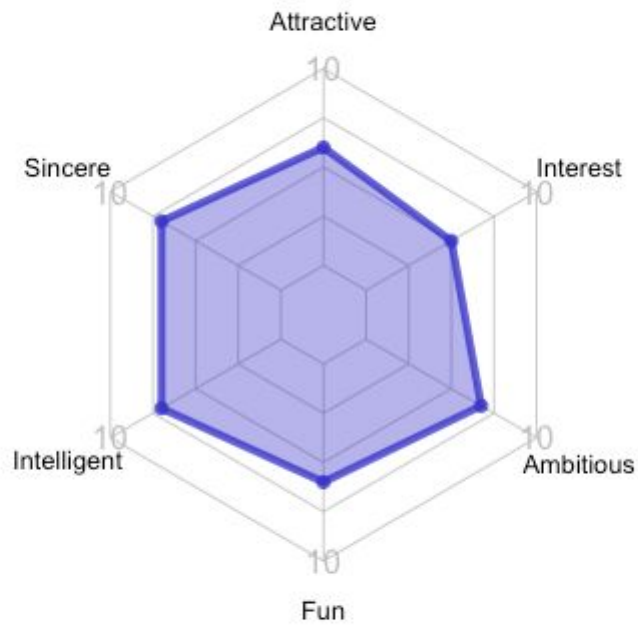
women participant's age



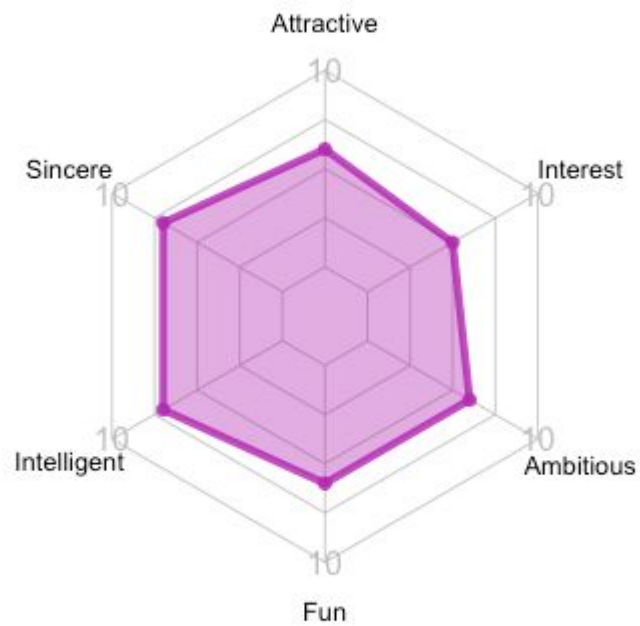
Part 5

What requirements do you have to meet to make people want to date you? We checked that. Here are results.

Great enough man



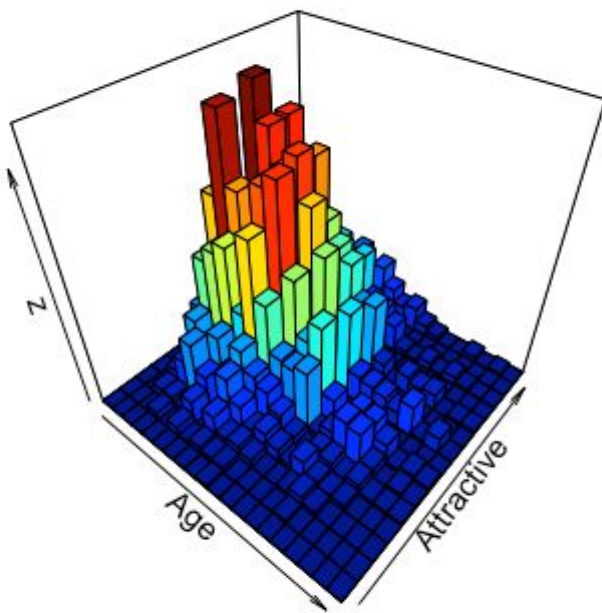
Great enough woman



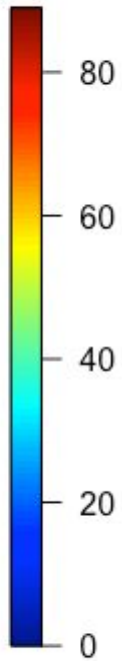
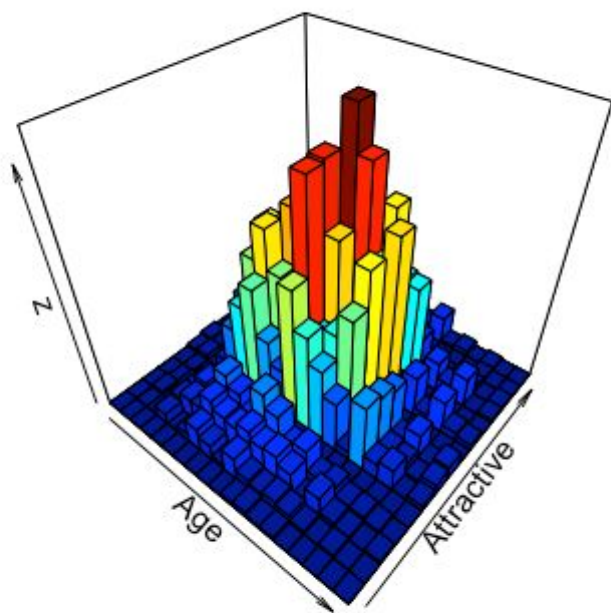
Part 6

Are physical attractiveness, fun and age that important? Let's see.

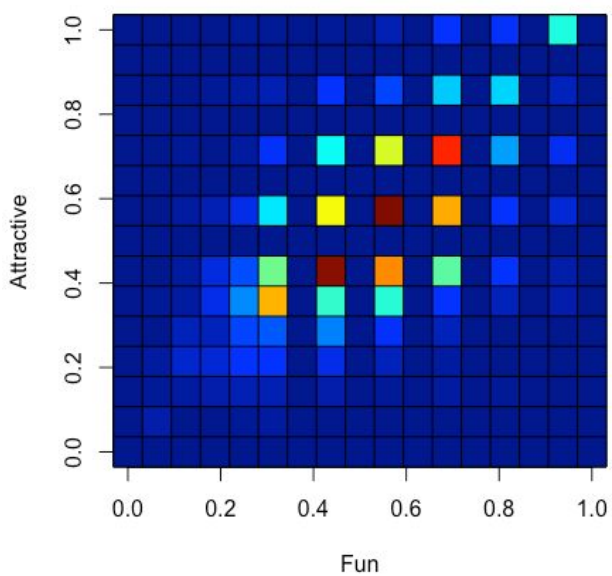
Men's perspective about women



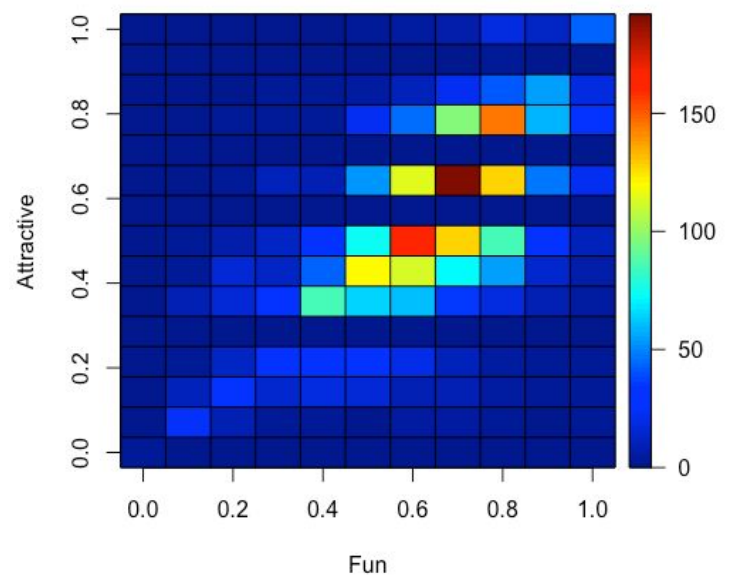
Women's perspective about men



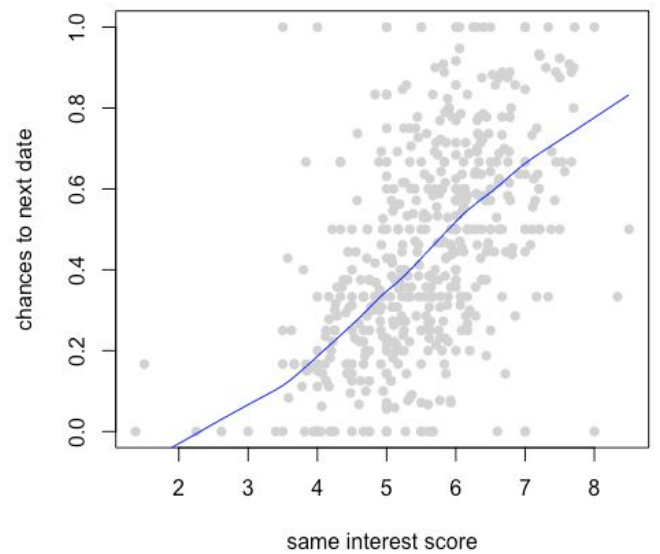
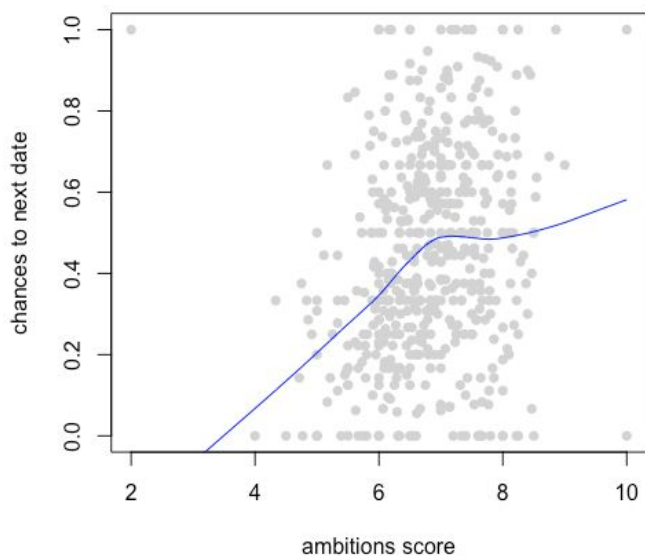
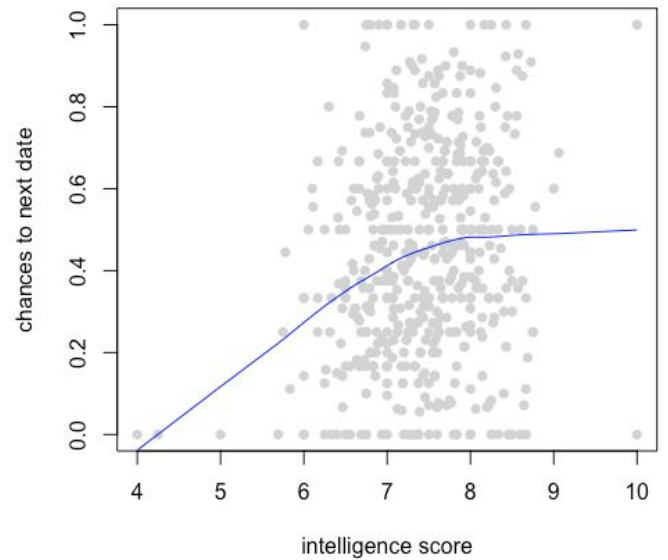
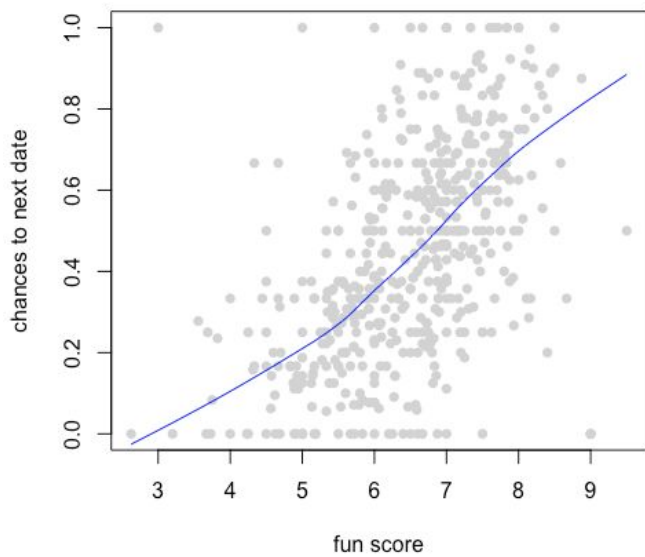
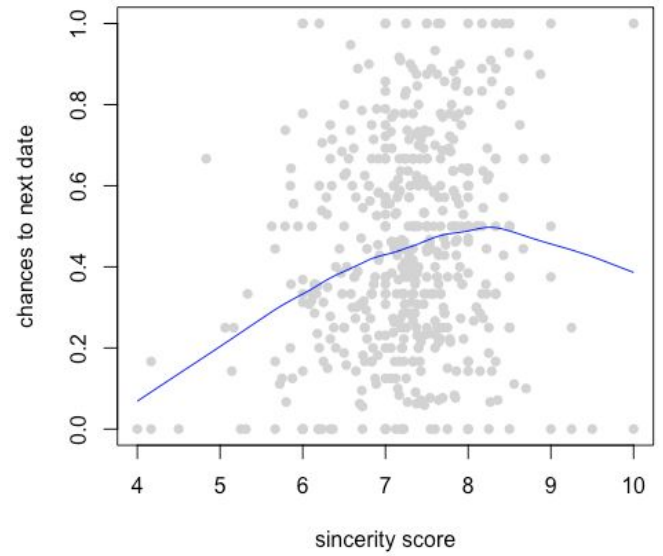
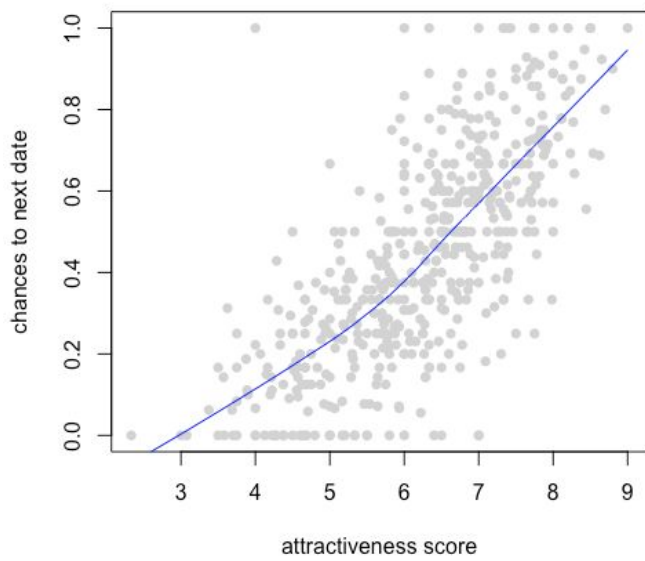
Men's perspective about women



Women's perspective about men



Correlation attributes with chance for another date



Correlation	Pearson	Kendall
Attractiveness	0.7335739	0.5616194
Sincerity	0.1918208	0.1194968
Fun	0.5270385	0.4132163
Intelligence	0.1883200	0.1223919
Ambitious	0.2198081	0.1687561
Same interest	0.5272412	0.3940448