

In this set of speed dating experiments, each speed date happens between a pair of participants.

Before the speed date, each participant has been asked to indicate a number of preferences in their romantic partner (e.g., how important it is for the romantic partner to come from the same racial/religious background as themselves, allocate points among the six attributes “attractiveness”, “sincerity”, “intelligence”, “fun”, “ambition”, “shared interests” to indicate how much they value each attribute in their romantic partner, etc.). They also provide some information about themselves such as their self-evaluation on the six attributes (i.e., “attractiveness”, “sincerity”, “intelligence”, “fun”, “ambition”, “shared interests”) and their level of interests in a wide range of activities (e.g., museum, arts, dinning, etc.).

During the speed date, the pair of participants in a date chat with each other for 2 minutes, and each participant provides some evaluations for their partner, including ratings of their partner on the six attributes (i.e., “attractiveness”, “sincerity”, “intelligence”, “fun”, “ambition”, “shared interests”), ratings on how happy they expect it to be if they continue romantic relationships with their partner, and ratings on how much they like their partner.

At the end of the speed date, each participant in a date makes a decision of whether he/she wants to give their partner a second date.

Each row in dating-full.csv corresponds to one participant’s information, experience, and decision in a speed date. The following table provides a detailed description for the meaning of each column. Note that throughout the table, we refer to the decision maker in a row (i.e., the person who makes the decision as shown in the “decision” column in that row) as the “participant” and the other person in the date as the “partner.”

Field	Meaning
gender	Gender of participant
age	Age of participant (range: 18-58)
age_o	Age of partner (range: 18-58)
race	Race of participant
race_o	Race of partner
samerace	Whether the participant and the partner come from the same race: 0=No, 1=Yes
importance_same_race	Participant's rating on how important it is for the two people to be of the same racial/ethnic background; on a scale of 0-10, the larger the more important
importance_same_religion	Participant's rating on how important it is for the two people to be of the same religious background; on a scale of 0-10, the larger the more important
field	Participant's field of study
pref_o_attractive	Partner's allocated points on "attractiveness" as an indicator of how important it is in a potential date; the more the points, the more important it is
pref_o_sincere	Partner's allocated points on "sincerity" as an indicator of how important it is in a potential date; the more the points, the more important it is
pref_o_intelligence	Partner's allocated points on "intelligence" as an indicator of how important it is in a potential date; the more the points, the more important it is
pref_o_funny	Partner's allocated points on "fun" as an indicator of how important it is in a potential date; the more the points, the more important it is
pref_o_ambitious	Partner's allocated points on "ambition" as an indicator of how important it is in a potential date; the more the points, the more important it is
pref_o_shared_interests	Partner's allocated points on "shared interests" as an indicator of how important it is in a potential date; the more the points, the more important it is
attractive_important	Participant's allocated points on "attractiveness" as an indicator of how important it is in a potential date; the more the points, the more important it is
sincere_important	Participant's allocated points on "sincerity" as an indicator of how important it is in a potential date; the more the points, the more important it is
intelligence_important	Participant's allocated points on "intelligence" as an indicator of how important it is in a potential date; the more the points, the more important it is

funny_important	Participant's allocated points on "fun" as an indicator of how important it is in a potential date; the more the points, the more important it is
ambition_important	Participant's allocated points on "ambition" as an indicator of how important it is in a potential date; the more the points, the more important it is
shared_interests_important	Participant's allocated points on "shared interests" as an indicator of how important it is in a potential date; the more the points, the more important it is
attractive	Participant's self-rating on "attractiveness"; on a scale of 0-10
sincere	Participant's self-rating on "sincerity"; on a scale of 0-10
intelligence	Participant's self-rating on "intelligence"; on a scale of 0-10
funny	Participant's self-rating on "fun"; on a scale of 0-10
ambition	Participant's self-rating on "ambition"; on a scale of 0-10
attractive_partner	Participant's rating for the partner on "attractiveness"; on a scale of 0-10
sincere_partner	Participant's rating for the partner on "sincerity"; on a scale of 0-10
intelligence_partner	Participant's rating for the partner on "intelligence"; on a scale of 0-10
funny_partner	Participant's rating for the partner on "funny"; on a scale of 0-10
ambition_parter	Participant's rating for the partner on "ambition"; on a scale of 0-10
shared_interests_parter	Participant's rating for the partner on "shared interests"; on a scale of 0-10
sports	Participant's self-rating on interests in playing sports/athletics; on a scale of 0-10
Tvsports	Participant's self-rating on interests in watching sports; on a scale of 0-10
Exercise	Participant's self-rating on interests in body building/exercising; on a scale of 0-10
Dining	Participant's self-rating on interests in dining out; on a scale of 0-10
Museums	Participant's self-rating on interests in museums/galleries; on a scale of 0-10
Art	Participant's self-rating on interests in art; on a scale of 0-10
Hiking	Participant's self-rating on interests in hiking/camping; on a scale of 0-10
Gaming	Participant's self-rating on interests in gaming; on a scale of 0-10

Clubbing	Participant's self-rating on interests in dancing/clubbing; on a scale of 0-10
Reading	Participant's self-rating on interests in reading; on a scale of 0-10
Tv	Participant's self-rating on interests in watching TV; on a scale of 0-10
Theater	Participant's self-rating on interests in theater; on a scale of 0-10
Movies	Participant's self-rating on interests in movies; on a scale of 0-10
Concerts	Participant's self-rating on interests in going to concerts; on a scale of 0-10
Music	Participant's self-rating on interests in music; on a scale of 0-10
Shopping	Participant's self-rating on interests in shopping; on a scale of 0-10
Yoga	Participant's self-rating on interests in yoga/meditation; on a scale of 0-10
interests_correlate	Correlation between participant's and partner's ratings of interests; in the range of [-1, 1]
expected_happy_with_sd_people	Participant's rating on how happy he/she expects to be with the partner; on a scale of 0-10
like	Participant's rating on how much he/she likes the partner; on a scale of 0-10
decision	Participant's decision on whether he/she would like to see the date in the future