

Instructions to read and use the dataset

The dataset is divided into two folders:

- **“open”**, which contains the diaries collected during regular school/work days;
- **“closed”**, which contains the diaries collected during the days when the reactive school closure strategy was in place.

Each folder contains two types of files. The file of the first type contains basic information on all the study participants (“DemoData.csv”). The files of the second type contain information about contacts (“diaryID.csv”, where ID is a unique randomly generated identifier of the study participant).

DemoData.csv. Each line of this file corresponds to a single study participant, while columns of the file contain to the following data:

id	Unique randomly generated identifier of the study participant. This value can be used to link the data provided in this file with the corresponding file “diaryID.csv”, which contains the information about contacts
household_size	Number of household members
number_of_other_work_contacts	Number of additional professional contacts
activity_status	Activity status of the participant (1: student; 2: worker; 3: inactive)
age_respondent	Age of the study participant
age_hh_member_1	Age of the household member #1
age_hh_member_2	Age of the household member #2 (NA, if none)
age_hh_member_3	Age of the household member #3 (NA, if none)
age_hh_member_4	Age of the household member #4 (NA, if none)
age_hh_member_5	Age of the household member #5 (NA, if none)
age_hh_member_6	Age of the household member #6 (NA, if none)
age_hh_member_7	Age of the household member #7 (NA, if none)

diaryID.csv. Each line of this file corresponds to one contacted individual. The columns of this file contain the following information:

Age	Age (or age range), expressed in years
HouseholdMember	1 if the contacted individual is a member of the participant's household; 0 otherwise
OtherRelative	1 if the contacted individual is a relative (but not a member of the household) of the participant; 0 otherwise
ClassmateColleague	1 if the contacted individual is a participant's classmate (if the participant is a student) or a work colleague (if the participant is a worker); 0 otherwise
Schoolmate	1 if the contacted individual is a participant's schoolmate (but not a classmate), only if the participant is a student; 0 otherwise
Other	1 if the contacted individual has none of the above listed relationships with the participant; 0 otherwise
Home	1 if the contact took place at the participant's home; 0 otherwise
WorkplaceClass	1 if the contact took place at the workplace (if the participant is a worker) or in classroom (if the participant is a student); 0 otherwise
OtherSchool	1 if the contact took place at school (but not in classroom), only if the participant is a student; 0 otherwise
Leisure	1 if the contact took place in a leisure setting; 0 otherwise
Transport	1 if the contact took place on a means of transportation; 0 otherwise
OtherPlace	1 if the contact took place in a setting not listed above; 0 otherwise