

Final Proposal

Chloe Wong, Hanwen Yang, Junhao Lai

2024-03-01

1 Problem 1

1.1 Part (a)

```
setwd("/Users/laix1/OneDrive/Desktop/Final_Proposal")
library(haven)

covid_data <- data.frame(read_dta("C19CS Data.dta"))

head(covid_data)
```

```
##      ID t0_snowball t0_panel t0  t0_dstart    t0_dend t0_drecord t0_progress
## 1 100106U          1        0 1 2020-04-05 2020-04-05 2020-04-05          100
## 2 100548A          1        0 1 2020-05-25 2020-05-25 2020-05-25          100
## 3 100769R          1        0 1 2020-04-21 2020-04-21 2020-04-21          100
## 4 100843K          1        0 1 2020-04-21 2020-04-22 2020-04-22          100
## 5 101297B          1        0 1 2020-04-03 2020-04-03 2020-04-03          100
## 6 101298K          1        0 1 2020-04-27 2020-04-27 2020-04-27          100
##   t0_dursec  t0_durmin t0_fin t0_consent t0_RUCA1 t0_lang t0_ybirth t0_age
## 1      1234    20.56667   True          1         1         1     1943     77
## 2       990    16.50000   True          1         1         1     1956     64
## 3      1152    19.20000   True          1         1         1     1947     73
## 4     61507  1025.11670   True          1         1         1     1959     61
## 5       877    14.61667   True          1         1         1     1964     56
## 6      1682    28.03333   True          1         1         1     1942     78
##   t0_agegrp t0_sex t0_sex_cdc t0_sexw t0_eth t0_race_wh t0_race_bl t0_race_aian
## 1         5      1          1         1      0          1          0          0
## 2         2      1          1         1      0          1          0          0
## 3         4      1          1         1      0          1          0          0
## 4         2      0          0         0      0          1          0          0
## 5         1      1          1         1      0          1          0          0
## 6         5      1          1         1      0          1          0          0
##   t0_race_nhop t0_race_meaa t0_race_ch t0_race_fi t0_race_ai t0_race_vi
## 1            0            0          0          0          0          0
## 2            0            0          0          0          0          0
## 3            0            0          0          0          0          0
## 4            0            0          0          0          0          0
## 5            0            0          0          0          0          0
## 6            0            0          0          0          0          0
```

##	t0_race_ko	t0_race_ja	t0_race_oa	t0_race_oth	t0_race_exp	t0_race_exp1
## 1	0	0	0	0	1	1
## 2	0	0	0	0	1	1
## 3	0	0	0	0	1	1
## 4	0	0	0	0	1	1
## 5	0	0	0	0	1	1
## 6	0	0	0	0	1	1
##	t0_race_exp2	t0_race_exp3	t0_race_exp4	t0_race_exp5	t0_race_exp6	t0_race_exp7
## 1	0	0	0	0	0	0
## 2	0	0	0	0	0	0
## 3	0	0	0	0	0	0
## 4	0	0	0	0	0	0
## 5	0	0	0	0	0	0
## 6	0	0	0	0	0	0
##	t0_race_exp8	t0_race_exp9	t0_race_exp10	t0_race_exp11	t0_race_exp12	
## 1	0	0	0	0	0	
## 2	0	0	0	0	0	
## 3	0	0	0	0	0	
## 4	0	0	0	0	0	
## 5	0	0	0	0	0	
## 6	0	0	0	0	0	
##	t0_race_exp13	t0_race_exp14	t0_race_exp15	t0_race_exp16	t0_race_exp17	
## 1	0	0	0	0	0	
## 2	0	0	0	0	0	
## 3	0	0	0	0	0	
## 4	0	0	0	0	0	
## 5	0	0	0	0	0	
## 6	0	0	0	0	0	
##	t0_race_exp18	t0_race_exp19	t0_race_exp20	t0_race_exp21	t0_race_exp22	
## 1	0	0	0	0	0	
## 2	0	0	0	0	0	
## 3	0	0	0	0	0	
## 4	0	0	0	0	0	
## 5	0	0	0	0	0	
## 6	0	0	0	0	0	
##	t0_race_exp23	t0_race_exp24	t0_race_exp25	t0_race_exp26	t0_race_exp27	
## 1	0	0	0	0	0	
## 2	0	0	0	0	0	
## 3	0	0	0	0	0	
## 4	0	0	0	0	0	
## 5	0	0	0	0	0	
## 6	0	0	0	0	0	
##	t0_race_exp28	t0_race_exp29	t0_race_exp30	t0_race_exp31	t0_race_exp32	
## 1	0	0	0	0	0	
## 2	0	0	0	0	0	
## 3	0	0	0	0	0	
## 4	0	0	0	0	0	
## 5	0	0	0	0	0	
## 6	0	0	0	0	0	
##	t0_race_exp33	t0_race_exp34	t0_race_exp35	t0_race_exp36	t0_race_exp37	
## 1	0	0	0	0	0	
## 2	0	0	0	0	0	
## 3	0	0	0	0	0	
## 4	0	0	0	0	0	

```

## 5      0      0      0      0      0
## 6      0      0      0      0      0
##  t0_race_exp38 t0_race_cen_wh t0_race_cen_bl t0_race_cen_aian t0_race_cen_nhop
## 1      0      1      0      0      0
## 2      0      1      0      0      0
## 3      0      1      0      0      0
## 4      0      1      0      0      0
## 5      0      1      0      0      0
## 6      0      1      0      0      0
##  t0_race_cen_as t0_race_cen_oth t0_raceth_cen_wh t0_raceth_cen_bl
## 1      0      0      1      0
## 2      0      0      1      0
## 3      0      0      1      0
## 4      0      0      1      0
## 5      0      0      1      0
## 6      0      0      1      0
##  t0_raceth_cen_hi t0_raceth_cen_as t0_raceth_cen_aian t0_raceth_cen_nhop
## 1      0      0      0      0
## 2      0      0      0      0
## 3      0      0      0      0
## 4      0      0      0      0
## 5      0      0      0      0
## 6      0      0      0      0
##  t0_raceth_cen_oth t0_race_mult1 t0_race_mult2 t0_race_cen_mult
## 1      0      1      1      1
## 2      0      1      1      1
## 3      0      1      1      1
## 4      0      1      1      1
## 5      0      1      1      1
## 6      0      1      1      1
##  t0_raceth_cen_mult t0_raceth_cen t0_racialized t0_relat t0_sing_nm t0_sing_d
## 1      1      1      1      4      0      0
## 2      1      1      1      4      0      0
## 3      1      1      1      4      0      0
## 4      1      1      1      4      0      0
## 5      1      1      1      4      0      0
## 6      1      1      1      2      0      1
##  t0_sing_w t0_couple t0_sex_couple t0_bldng t0_bldng2 t0_reside t0_rent
## 1      0      1      3      3      3      1      -1
## 2      0      1      3      1      1      1      -1
## 3      0      1      3      1      1      1      -1
## 4      0      1      4      1      1      2      3
## 5      0      1      3      1      1      3      3
## 6      0      0      1      3      3      1      -1
##  t0_liv_a t0_liv_w_sp t0_liv_w_ch t0_liv_w_gch t0_liv_w_fam t0_liv_w_fr
## 1      0      1      0      0      0      0
## 2      0      1      0      1      0      0
## 3      0      1      0      0      0      0
## 4      0      1      1      0      0      0
## 5      0      1      1      0      0      0
## 6      1      0      0      0      0      0
##  t0_liv_w_rm t0_liv_w_oth t0_educsn t0_educsn_bin_0 t0_educsn_bin_1
## 1      0      0      6      0      0
## 2      0      0      6      0      0

```

## 3	0	0	6	0	0	
## 4	0	0	6	0	0	
## 5	0	0	5	0	0	
## 6	0	0	5	0	0	
##	t0_educsn_bin_2	t0_educsn_bin_3	t0_educsn_bin_4	t0_educsn_bin_5		
## 1	0	0	0	0		
## 2	0	0	0	0		
## 3	0	0	0	0		
## 4	0	0	0	0		
## 5	0	0	0	1		
## 6	0	0	0	1		
##	t0_educsn_bin_6	t0_educdy	t0_educdy_bin_0	t0_educdy_bin_1	t0_educdy_bin_2	
## 1	1	NA	NA	NA	NA	
## 2	1	NA	NA	NA	NA	
## 3	1	NA	NA	NA	NA	
## 4	1	NA	NA	NA	NA	
## 5	0	NA	NA	NA	NA	
## 6	0	NA	NA	NA	NA	
##	t0_educdy_bin_3	t0_educdy_bin_4	t0_educdy_bin_5	t0_educdy_bin_6		
## 1	NA	NA	NA	NA		
## 2	NA	NA	NA	NA		
## 3	NA	NA	NA	NA		
## 4	NA	NA	NA	NA		
## 5	NA	NA	NA	NA		
## 6	NA	NA	NA	NA		
##	t0_educdy_bin_7	t0_educ2	t0_educ2_bin_0	t0_educ2_bin_1	t0_educ2_bin_2	
## 1	NA	4	0	0	0	
## 2	NA	4	0	0	0	
## 3	NA	4	0	0	0	
## 4	NA	4	0	0	0	
## 5	NA	3	0	0	0	
## 6	NA	3	0	0	0	
##	t0_educ2_bin_3	t0_educ2_bin_4	t0_emp_p	t0_emp_p_any	t0_emp_p_sc	t0_emp_p_se
## 1	0	1	8	0	0	0
## 2	0	1	8	0	0	0
## 3	0	1	8	0	0	0
## 4	0	1	3	1	0	0
## 5	1	0	4	1	0	0
## 6	1	0	8	0	0	0
##	t0_emp_p_ft	t0_emp_p_pt	t0_emp_p_di	t0_emp_p_fa	t0_emp_p_un	t0_emp_p_re
## 1	0	0	0	0	0	1
## 2	0	0	0	0	0	1
## 3	0	0	0	0	0	1
## 4	1	0	0	0	0	0
## 5	0	1	0	0	0	0
## 6	0	0	0	0	0	1
##	t0_emp_af_any	t0_emp_af_lost	t0_emp_af_furl	t0_emp_af_hour	t0_emp_af_home	
## 1	-1	-1	-1	-1	-1	
## 2	-1	-1	-1	-1	-1	
## 3	-1	-1	-1	-1	-1	
## 4	1	0	0	0	1	
## 5	1	0	0	0	1	
## 6	-1	-1	-1	-1	-1	
##	t0_ind_exp	t0_ind	t0_care_p_any	t0_care_p_sp	t0_care_p_p	t0_care_p_ch

## 1	25	6	0	NA	0	0
## 2	19	6	1	NA	0	0
## 3	21	6	0	NA	0	0
## 4	63	6	0	NA	0	0
## 5	29	6	1	NA	1	0
## 6	41	4	0	NA	0	0
##	t0_care_p_gc	t0_care_p_gp	t0_care_p_oth	t0_care_p_tot	t0_care_af	
## 1	0	0	0	0	NA	
## 2	1	0	0	1	NA	
## 3	0	0	0	0	NA	
## 4	0	0	0	0	NA	
## 5	1	0	0	2	NA	
## 6	0	0	0	0	NA	
##	t0_care_af_any	t0_care_af_un	t0_care_af_le	t0_care_af_mo	t0_care_n_any	
## 1	NA	NA	NA	NA	NA	
## 2	NA	NA	NA	NA	NA	
## 3	NA	NA	NA	NA	NA	
## 4	NA	NA	NA	NA	NA	
## 5	NA	NA	NA	NA	NA	
## 6	NA	NA	NA	NA	NA	
##	t0_care_n_sp	t0_care_n_p	t0_care_n_ch	t0_care_n_gc	t0_care_n_gp	t0_care_n_oth
## 1	NA	NA	NA	NA	NA	NA
## 2	NA	NA	NA	NA	NA	NA
## 3	NA	NA	NA	NA	NA	NA
## 4	NA	NA	NA	NA	NA	NA
## 5	NA	NA	NA	NA	NA	NA
## 6	NA	NA	NA	NA	NA	NA
##	t0_care_n_tot	t0_cov_self	t0_cov_ff_any	t0_cov_ff_t_r	t0_cov_ff_t_s	
## 1	NA	0	0	0	0	
## 2	NA	3	1	0	0	
## 3	NA	0	0	0	0	
## 4	NA	0	0	0	0	
## 5	NA	0	0	0	0	
## 6	NA	0	0	0	0	
##	t0_cov_ff_nt	t0_cov_ff_t	t0_cov_ff_t_r_tot	t0_cov_ff_t_s_tot	t0_cov_ff_nt_tot	
## 1	0	0	0	0	0	
## 2	1	0	0	0	2	
## 3	0	0	0	0	0	
## 4	0	0	0	0	0	
## 5	0	0	0	0	0	
## 6	0	0	0	0	0	
##	t0_cov_ff_t_tot	t0_hos_cov_ff_any	t0_hos_cov_ff_tot	t0_death_cov_ff_any		
## 1	0	0	0	0		
## 2	0	0	0	0		
## 3	0	0	0	0		
## 4	0	0	0	0		
## 5	0	0	0	0		
## 6	0	0	0	0		
##	t0_death_cov_ff_tot	t0_hhist_hbp	t0_hhist_diab	t0_hhist_hd	t0_hhist_asth	
## 1	0	0	0	0	0	
## 2	0	1	0	0	1	
## 3	0	1	0	1	0	
## 4	0	0	0	0	0	
## 5	0	0	0	0	1	

## 6	0	1	0	0	0			
##	t0_hhist_copd	t0_hhist_canc	t0_hhist_dep	t0_hhist_anx	t0_hhist_oth			
## 1	0	1	NA	NA	0			
## 2	0	0	NA	NA	0			
## 3	0	0	NA	NA	0			
## 4	0	0	NA	NA	0			
## 5	0	0	NA	NA	0			
## 6	0	0	NA	NA	0			
##	t0_mobaid_cane	t0_mobaid_walk	t0_mobaid_wc	t0_mobaid_sc	t0_mobaid_oth			
## 1	0	0	0	0	0			
## 2	0	0	0	0	0			
## 3	0	0	0	0	0			
## 4	0	0	0	0	0			
## 5	0	0	0	0	0			
## 6	NA	NA	NA	NA	NA			
##	t0_mobaid_any	t0_smoke	t0_drink	t0_exerc	t0_slfhlth	t0_slfmem	t0_lonely1	
## 1	0	0	0	4	3	3	1	
## 2	0	0	2	6	2	3	1	
## 3	0	0	10	6	2	4	1	
## 4	0	0	3	6	3	2	1	
## 5	0	0	7	5	4	4	1	
## 6	NA	NA	7	6	3	2	2	
##	t0_lonely2	t0_lonely3	t0_lonely_tot	t0_lonely_fin	t0_cesd1	t0_cesd2	t0_cesd3	
## 1	1	1	3	0	0	0	0	
## 2	1	2	4	0	0	0	1	
## 3	1	2	4	0	0	0	1	
## 4	2	1	4	0	0	1	1	
## 5	1	1	3	0	0	0	1	
## 6	1	2	5	0	0	0	0	
##	t0_cesd4	t0_cesd5	t0_cesd6	t0_cesd7	t0_cesd8	t0_cesd_tot	t0_cesd_fin	t0_anx1
## 1	0	0	0	0	0	0	0	1
## 2	0	0	0	0	0	1	0	2
## 3	1	0	0	0	0	2	0	3
## 4	0	0	0	0	0	2	0	1
## 5	0	0	0	0	0	1	0	1
## 6	0	0	0	0	0	0	0	1
##	t0_anx2	t0_anx3	t0_anx4	t0_anx5	t0_anx_tot	t0_anx_fin	t0_satisfy	t0_child_any
## 1	1	1	1	1	5	1.0	8	1
## 2	2	1	1	1	7	1.4	10	1
## 3	3	2	3	3	14	2.8	8	1
## 4	3	1	1	1	7	1.4	7	1
## 5	2	1	1	1	6	1.2	8	1
## 6	1	1	1	1	5	1.0	8	1
##	t0_child_ip	t0_child_ip2	t0_child_ph	t0_child_ph2	t0_child_txt	t0_child_txt2		
## 1	1	1	2	1	3	1		
## 2	1	1	2	1	2	1		
## 3	0	0	1	1	2	1		
## 4	1	1	1	1	2	1		
## 5	3	1	3	1	3	1		
## 6	1	1	2	1	2	1		
##	t0_fam_any	t0_fam_ip	t0_fam_ip2	t0_fam_ph	t0_fam_ph2	t0_fam_txt	t0_fam_txt2	
## 1	1	0	0	0	0	3	1	
## 2	1	0	0	1	1	3	1	
## 3	1	0	0	1	1	1	1	

## 4	1	0	0	1	1	1	1	
## 5	1	1	1	3	1	2	1	
## 6	1	0	0	2	1	2	1	
##	t0_fr_tot	t0_fr_any	t0_fr_ip	t0_fr_ip2	t0_fr_ph	t0_fr_ph2	t0_fr_txt	
## 1	4	1	1	1	0	0	3	
## 2	4	1	2	1	2	1	3	
## 3	4	1	2	1	2	1	1	
## 4	1	1	1	1	0	0	1	
## 5	4	1	2	1	2	1	2	
## 6	4	1	2	1	2	1	3	
##	t0_fr_txt2	t0_neigh	t0_neigh2	t0_homeast	t0_scorg	t0_scmed	t0_sccont	t0_iso1
## 1	1	3	1	0	2	4	3	0
## 2	1	2	1	0	4	4	3	0
## 3	1	2	1	0	1	4	3	0
## 4	1	2	1	0	1	3	2	0
## 5	1	2	1	0	2	4	3	0
## 6	1	1	1	0	4	0	3	0
##	t0_iso2	t0_iso3	t0_iso4	t0_iso5	t0_iso_tot	t0_iso_fin	t0_worry	t0_wry_rel
## 1	0	0	0	0	0	0	2	0
## 2	0	0	0	0	0	0	3	0
## 3	0	0	0	0	0	0	3	0
## 4	0	0	0	0	0	0	2	0
## 5	0	0	0	0	0	0	2	0
## 6	0	0	0	1	1	0	3	0
##	t0_wry_ff	t0_wry_neigh	t0_wry_pet	t0_wry_work	t0_wry_unemp	t0_wry_finan		
## 1	0	0	0	0	0	0	0	
## 2	0	0	0	0	0	0	0	
## 3	0	0	0	0	0	0	0	
## 4	0	0	0	1	0	0	0	
## 5	0	0	0	0	0	0	0	
## 6	0	0	0	0	0	0	0	
##	t0_wry_retire	t0_wry_meds	t0_wry_food	t0_wry_comp	t0_wry_bored	t0_wry_futur		
## 1	0	0	0	0	0	0	0	
## 2	0	0	0	0	0	0	0	
## 3	0	0	0	0	0	0	0	
## 4	0	0	0	0	0	0	0	
## 5	0	0	0	0	0	0	0	
## 6	0	0	0	0	0	0	0	
##	t0_wry_slflth	t0_wry_ffhlth	t0_wry_cov	t0_wry_slfill	t0_wry_ffill			
## 1	0	0	0	0	0			
## 2	0	1	0	0	0			
## 3	0	0	1	1	0			
## 4	0	0	0	0	0			
## 5	0	0	0	0	0			
## 6	0	0	0	0	0			
##	t0_wry_safe	t0_wry_oth	t0_wry_gov	t0_wry_time	t0_wry_sleep	t0_wry_supplies		
## 1	0	0	0	0	0	0		
## 2	0	0	0	0	0	0		
## 3	0	0	0	0	0	0		
## 4	0	0	0	0	0	0		
## 5	0	0	0	0	0	0		
## 6	0	0	0	0	0	0		
##	t0_wry_lonely	t0_wry_help	t0_wry_gencom	t0_wry_economy	t0_wry_socdiv			
## 1	0	0	0	0	0	0		

## 2	0	0	0	0	0
## 3	0	0	0	0	0
## 4	0	0	0	0	0
## 5	0	0	0	0	0
## 6	0	0	0	0	0
##	t0_wry_death	t0_wry_weather	t0_wry_futuncer	t0_wry_trans	t0_wry_serious
## 1	0	0	0	0	0
## 2	0	0	0	0	0
## 3	0	0	0	0	0
## 4	0	0	0	0	0
## 5	0	0	0	0	0
## 6	0	0	0	0	0
##	t0_wry_hlthcre	t0_wry_helpful	t0_wry_travel	t0_cope_ind_1	t0_cope_ind_2
## 1	0	0	0	NA	NA
## 2	0	0	0	0	0
## 3	0	0	0	0	0
## 4	0	0	0	NA	NA
## 5	0	0	0	0	0
## 6	0	0	0	0	1
##	t0_cope_ind_3	t0_cope_ind_4	t0_cope_ind_5	t0_cope_ind_6	t0_cope_ind_7
## 1	NA	NA	NA	NA	NA
## 2	0	0	0	0	1
## 3	0	0	0	0	0
## 4	NA	NA	NA	NA	NA
## 5	0	0	0	0	0
## 6	0	0	0	0	0
##	t0_cope_ind_9	t0_cope_ind_10	t0_cope_ind_11	t0_cope_ind_12	t0_cope_ind_13
## 1	NA	NA	NA	NA	NA
## 2	0	0	0	0	0
## 3	0	0	0	0	0
## 4	NA	NA	NA	NA	NA
## 5	0	0	0	0	0
## 6	0	0	0	1	0
##	t0_cope_ind_14	t0_cope_ind_15	t0_cope_ind_16	t0_cope_ind_17	t0_cope_ind_18
## 1	NA	NA	NA	NA	NA
## 2	0	0	0	0	0
## 3	0	0	0	0	0
## 4	NA	NA	NA	NA	NA
## 5	0	0	0	0	0
## 6	0	0	0	0	0
##	t0_cope_ind_19	t0_cope_ind_20	t0_cope_ind_21	t0_cope_ind_22	t0_cope_ind_23
## 1	NA	NA	NA	NA	NA
## 2	0	0	0	0	0
## 3	0	0	0	0	0
## 4	NA	NA	NA	NA	NA
## 5	0	0	0	0	0
## 6	0	0	0	0	0
##	t0_cope_ind_24	t0_cope_ind_25	t0_cope_ind_27	t0_cope_ind_29	t0_cope_ind_30
## 1	NA	NA	NA	NA	NA
## 2	0	0	0	0	0
## 3	0	0	0	0	0
## 4	NA	NA	NA	NA	NA
## 5	0	0	0	0	0
## 6	0	0	0	0	0

##	t0_cope_ind_31	t0_cope_ind_32	t0_cope_ind_33	t0_cope_ind_34	t0_cope_ind_35		
## 1	NA	NA	NA	NA	NA		
## 2	0	0	0	0	0		
## 3	0	0	0	0	1		
## 4	NA	NA	NA	NA	NA		
## 5	0	0	0	0	1		
## 6	0	0	0	0	0		
##	t0_cope_ind_36	t0_cope_ind_37	t0_cope_ind_38	t0_cope_ind_40	t0_cope_ind_41		
## 1	NA	NA	NA	NA	NA		
## 2	0	0	0	0	0		
## 3	0	0	0	0	0		
## 4	NA	NA	NA	NA	NA		
## 5	0	0	0	0	0		
## 6	0	0	0	0	0		
##	t0_cope_ind_42	t0_cope_ind_43	t0_cope_ind_44	t0_cope_ind_45	t0_cope_ind_46		
## 1	NA	NA	NA	NA	NA		
## 2	0	0	0	0	0		
## 3	0	0	0	0	0		
## 4	NA	NA	NA	NA	NA		
## 5	0	0	0	0	0		
## 6	0	0	0	0	0		
##	t0_cope_ind_47	t0_isolate	t0_distance	t0_outside	t0_contact	t0_phone	t0_txtsm
## 1	NA	1	NA	2	3	2	3
## 2	0	3	NA	3	3	1	3
## 3	0	3	NA	2	3	1	2
## 4	NA	3	NA	2	3	3	3
## 5	0	2	NA	2	3	2	3
## 6	0	3	NA	3	0	3	3
##	t0_chg_ip	t0_chg_phone	t0_chg_txt	t0_chg_sm	t0_chg_news	t0_chg_tv	t0_chg_mind
## 1	2	3	3	2	2	2	0
## 2	3	3	3	1	1	0	2
## 3	1	3	2	3	3	3	2
## 4	3	2	2	2	2	3	1
## 5	1	3	2	3	2	2	2
## 6	1	3	3	0	2	2	0
##	t0_chg_out	t0_chg_food	t0_chg_drink	t0_chg_proj	t0_chg_hobby	t0_chg_vol	
## 1	2	0	0	3	2	1	
## 2	3	2	2	3	2	1	
## 3	2	3	3	2	2	1	
## 4	1	2	2	3	2	1	
## 5	2	2	2	2	2	3	
## 6	3	3	2	1	0	1	
##	t0_chg_bus	t0_chg_pray	t0_chg_oth	t0_ast_com	t0_resp_fed	t0_resp_stat	
## 1	1	NA	NA	4	0	4	
## 2	2	NA	NA	3	0	3	
## 3	1	NA	NA	1	2	3	
## 4	1	NA	NA	0	1	4	
## 5	1	NA	NA	1	2	2	
## 6	1	NA	NA	3	1	3	
##	t0_respect	t0_thrt	t0_thrt_age	t0_thrt_nat	t0_thrt_eth	t0_thrt_gen	
## 1	2	0	0	0	0	0	
## 2	3	0	0	0	0	0	
## 3	1	0	0	0	0	0	
## 4	2	0	0	0	0	0	

## 5	3	0	0	0	0	0
## 6	2	0	0	0	0	0
##	t0_thrt_fin	t0_thrt_sex	t0_thrt_oth	t0_thrt_fam	t0_thrt_pol	t0_thrt_ppe
## 1	0	0	0	0	0	0
## 2	0	0	0	0	0	0
## 3	0	0	0	0	0	0
## 4	0	0	0	0	0	0
## 5	0	0	0	0	0	0
## 6	0	0	0	0	0	0
##	t0_tran_wlk	t0_tran_drv	t0_tran_rid	t0_tran_tax	t0_tran_pub	t0_tran_ast
## 1	1	1	1	0	1	0
## 2	0	1	0	0	0	0
## 3	0	1	0	0	0	0
## 4	0	1	0	0	0	0
## 5	0	1	0	0	0	0
## 6	1	1	0	0	0	0
##	t0_tran_wc	t0_tran_oth	t0_weights_all	t0_weights_snowball		
## 1	0	0	728.3917	247.7153		
## 2	0	0	832.5536	227.4196		
## 3	0	0	755.0953	277.5443		
## 4	0	0	5975.7939	7502.5508		
## 5	0	0	10166.9385	15151.1260		
## 6	0	0	1023.7817	353.1205		
##	t0_weights_trimmed_snowball	t0_weights_panel	t1	t1_dstart	t1_dend	
## 1		8503.734	NA	1 2020-05-03	2020-05-03	
## 2		8483.438	NA	0	<NA>	<NA>
## 3		8533.563	NA	1 2020-05-19	2020-05-19	
## 4		15758.569	NA	1 2020-05-20	2020-05-20	
## 5		23407.145	NA	1 2020-05-03	2020-05-03	
## 6		8609.140	NA	0	<NA>	<NA>
##	t1_drecord	t1_progress	t1_dursec	t1_durmin	t1_fin	t1_lang
## 1	2020-05-03	100	585	9.750000	True	1
## 2	<NA>	NA	NA	NA	NA	NA
## 3	2020-05-19	100	839	13.983334	True	1
## 4	2020-05-20	100	338	5.633333	True	1
## 5	2020-05-03	100	738	12.300000	True	1
## 6	<NA>	NA	NA	NA	NA	NA
##	t1_emp_ch_lost	t1_emp_ch_furl	t1_emp_ch_hour	t1_emp_ch_home	t1_emp_ch_ill	
## 1	0	0	0	0	0	
## 2	NA	NA	NA	NA	NA	
## 3	0	0	0	0	0	
## 4	0	0	0	0	0	
## 5	0	0	1	0	0	
## 6	NA	NA	NA	NA	NA	
##	t1_emp_ch_oth	t1_cov_self	t1_cov_ff_any	t1_cov_ff_t_r	t1_cov_ff_t_s	
## 1	0	NA	1	0	1	
## 2	NA	NA	NA	NA	NA	
## 3	0	0	0	0	0	
## 4	0	0	0	0	0	
## 5	0	0	1	0	1	
## 6	NA	NA	NA	NA	NA	
##	t1_cov_ff_nt	t1_cov_ff_t	t1_hos_ff_any	t1_hos_cov_ff_any	t1_death_ff_any	
## 1	0	1	1	0	1	
## 2	NA	NA	NA	NA	NA	

## 3	0	0	0	0	0	0		
## 4	0	0	0	0	0	0		
## 5	0	1	0	0	0	0		
## 6	NA	NA	NA	NA	NA	NA		
##	t1_death_cov_ff_any	t1_hhist_anx	t1_hhist_dep	t1_slfhlth	t1_slfmem	t1_lonely1		
## 1	-1	NA	NA	2	2	1		
## 2	NA	NA	NA	NA	NA	NA		
## 3	0	NA	NA	2	4	1		
## 4	0	NA	NA	3	2	1		
## 5	0	NA	NA	4	4	1		
## 6	NA	NA	NA	NA	NA	NA		
##	t1_lonely2	t1_lonely3	t1_lonely_tot	t1_lonely_fin	t1_cesd1	t1_cesd2	t1_cesd3	
## 1	1	1	3	0	0	0	1	
## 2	NA	NA	NA	NA	NA	NA	NA	
## 3	1	1	3	0	0	0	1	
## 4	1	1	3	0	0	0	0	
## 5	1	1	3	0	0	0	1	
## 6	NA	NA	NA	NA	NA	NA	NA	
##	t1_cesd4	t1_cesd5	t1_cesd6	t1_cesd7	t1_cesd8	t1_cesd_tot	t1_cesd_fin	t1_anx1
## 1	0	0	0	0	1	2	0	1
## 2	NA	NA	NA	NA	NA	NA	NA	NA
## 3	0	0	0	0	0	1	0	2
## 4	0	0	0	0	0	0	0	1
## 5	0	0	0	0	0	1	0	1
## 6	NA	NA	NA	NA	NA	NA	NA	NA
##	t1_anx2	t1_anx3	t1_anx4	t1_anx5	t1_anx_tot	t1_anx_fin	t1_satisfy	
## 1	1	1	1	1	5	1.0	NA	
## 2	NA	NA	NA	NA	NA	NA	NA	
## 3	2	2	3	2	11	2.2	7	
## 4	1	1	1	1	5	1.0	7	
## 5	2	1	1	1	6	1.2	8	
## 6	NA	NA	NA	NA	NA	NA	NA	
##	t1_fin_af_sav	t1_fin_af_spe	t1_fin_af_bor	t1_fin_af_ast	t1_money	t1_stim		
## 1	NA	4	NA	NA	NA	1		
## 2	NA	NA	NA	NA	NA	NA		
## 3	4	3	0	0	NA	1		
## 4	3	2	1	0	10	1		
## 5	0	2	0	0	20	1		
## 6	NA	NA	NA	NA	NA	NA		
##	t1_worry	t1_wry_rel	t1_wry_ff	t1_wry_neigh	t1_wry_pet	t1_wry_work		
## 1	1	0	0	0	0	0		
## 2	NA	NA	NA	NA	NA	NA		
## 3	2	0	0	0	0	0		
## 4	2	0	0	0	0	1		
## 5	2	0	0	0	1	0		
## 6	NA	NA	NA	NA	NA	NA		
##	t1_wry_unemp	t1_wry_finan	t1_wry_retire	t1_wry_meds	t1_wry_food	t1_wry_comp		
## 1	0	0	0	0	0	0		
## 2	NA	NA	NA	NA	NA	NA		
## 3	0	0	0	0	0	0		
## 4	0	0	0	0	0	1		
## 5	0	0	0	0	0	0		
## 6	NA	NA	NA	NA	NA	NA		
##	t1_wry_bored	t1_wry_futur	t1_wry_slfhlth	t1_wry_ffhlth	t1_wry_cov			

## 1	0	0	0	0	0		
## 2	NA	NA	NA	NA	NA		
## 3	0	0	1	0	0		
## 4	0	0	0	0	0		
## 5	0	0	0	0	0		
## 6	NA	NA	NA	NA	NA		
##	t1_wry_slfill	t1_wry_ffill	t1_wry_safe	t1_wry_oth	t1_wry_liv	t1_wry_open	
## 1	0	0	0	0	0	1	
## 2	NA	NA	NA	NA	NA	NA	
## 3	0	0	0	0	0	0	
## 4	0	0	0	0	0	0	
## 5	0	0	0	0	0	0	
## 6	NA	NA	NA	NA	NA	NA	
##	t1_wry_fedresp	t1_wry_statresp	t1_wry_covecon	t1_isolate	t1_wash	t1_mask	
## 1	1	0	1	3	3	2	
## 2	NA	NA	NA	NA	NA	NA	
## 3	0	0	0	3	3	1	
## 4	1	0	0	3	3	3	
## 5	0	0	0	2	3	1	
## 6	NA	NA	NA	NA	NA	NA	
##	t1_distance	t1_outside	t1_contact	t1_phone	t1_txtsm	t1_contact_exp	
## 1	2	2	3	1	3	1	
## 2	NA	NA	NA	NA	NA	NA	
## 3	1	3	3	1	3	0	
## 4	3	3	3	1	2	0	
## 5	3	2	3	2	3	0	
## 6	NA	NA	NA	NA	NA	NA	
##	t1_contact_exp_tot	t2	t2_dstart	t2_dend	t2_drecord	t2_progress	t2_dursec
## 1	4	1	2020-06-01	2020-06-01	2020-06-01	100	517
## 2	NA	1	2020-07-21	2020-07-21	2020-07-21	100	530
## 3	0	1	2020-06-17	2020-06-17	2020-06-17	100	710
## 4	0	1	2020-06-22	2020-06-22	2020-06-22	100	372
## 5	0	1	2020-06-02	2020-06-02	2020-06-02	100	226
## 6	NA	0	<NA>	<NA>	<NA>	NA	NA
##	t2_durmin	t2_fin	t2_lang	t2_liv_ch_any	t2_liv_ch_perm	t2_liv_ch_temp	
## 1	8.616667	True	1	0	0	0	
## 2	8.833333	True	1	0	0	0	
## 3	11.833333	True	1	0	0	0	
## 4	6.200000	True	1	0	0	0	
## 5	3.766667	True	1	0	0	0	
## 6	NA	NA	NA	NA	NA	NA	
##	t2_liv_ch_othmov	t2_liv_ch_vaca	t2_liv_ch_hot	t2_liv_ch_ins	t2_liv_ch_oth		
## 1	0	0	0	0	0		
## 2	0	0	0	0	0		
## 3	0	0	0	0	0		
## 4	0	0	0	0	1		
## 5	0	0	0	0	0		
## 6	NA	NA	NA	NA	NA		
##	t2_emp_ch_any	t2_emp_ch_lost	t2_emp_ch_furl	t2_emp_ch_hour	t2_emp_ch_home		
## 1	0	0	0	0	0		
## 2	0	0	0	0	0		
## 3	0	0	0	0	0		
## 4	0	0	0	0	0		
## 5	1	1	0	0	0		

## 6	NA	NA	NA	NA	NA			
##	t2_emp_ch_ill	t2_emp_ch_new	t2_emp_ch_vac	t2_emp_ch_ret	t2_emp_ch_inc			
## 1	0	0	0	0	0			
## 2	0	0	0	0	0			
## 3	0	0	0	0	0			
## 4	0	0	0	0	0			
## 5	0	0	0	0	0			
## 6	NA	NA	NA	NA	NA			
##	t2_emp_ch_away	t2_emp_ch_less	t2_emp_ch_more	t2_emp_ch_oth	t2_cov_self			
## 1	0	0	0	0	0			
## 2	0	0	0	0	0			
## 3	0	0	0	0	0			
## 4	0	0	0	0	0			
## 5	0	0	0	0	0			
## 6	NA	NA	NA	NA	NA			
##	t2_cov_ff_any	t2_cov_ff_t_r	t2_cov_ff_t_s	t2_cov_ff_nt	t2_cov_ff_t			
## 1	0	0	0	0	0			
## 2	0	0	0	0	0			
## 3	0	0	0	0	0			
## 4	0	0	0	0	0			
## 5	1	1	0	0	1			
## 6	NA	NA	NA	NA	NA			
##	t2_hos_ff_any	t2_hos_cov_ff_any	t2_death_ff_any	t2_death_cov_ff_any				
## 1	0	0	0	0				
## 2	0	0	0	0				
## 3	0	0	0	0				
## 4	0	0	0	0				
## 5	0	0	0	0				
## 6	NA	NA	NA	NA				
##	t2_hhist_dep	t2_hhist_anx	t2_drink	t2_exerc	t2_slflhth	t2_slfmem	t2_lonely1	
## 1	NA	NA	0	5	2	2	1	
## 2	0	0	5	6	2	3	1	
## 3	0	0	9	5	2	4	1	
## 4	1	1	3	6	3	2	1	
## 5	NA	NA	7	1	3	3	1	
## 6	NA	NA	NA	NA	NA	NA	NA	
##	t2_lonely2	t2_lonely3	t2_lonely_tot	t2_lonely_fin	t2_cesd1	t2_cesd2	t2_cesd3	
## 1	1	1	3	0	0	0	0	
## 2	1	1	3	0	0	0	1	
## 3	1	1	3	0	0	0	0	
## 4	1	NA	NA	NA	0	0	0	
## 5	1	1	3	0	0	0	1	
## 6	NA	NA	NA	NA	NA	NA	NA	
##	t2_cesd4	t2_cesd5	t2_cesd6	t2_cesd7	t2_cesd8	t2_cesd_tot	t2_cesd_fin	t2_anx1
## 1	0	0	0	0	1	1	0	3
## 2	0	0	0	0	0	1	0	1
## 3	1	0	0	0	0	1	0	2
## 4	0	0	0	0	0	0	0	1
## 5	0	0	0	0	0	1	0	1
## 6	NA	NA	NA	NA	NA	NA	NA	NA
##	t2_anx2	t2_anx3	t2_anx4	t2_anx5	t2_anx_tot	t2_anx_fin	t2_satisfy	t2_stim
## 1	1	1	1	1	7	1.4	7	4
## 2	2	1	1	2	7	1.4	10	4
## 3	2	1	3	2	10	2.0	8	4

## 4	2	1	1	1	6	1.2	10	1
## 5	2	1	1	1	6	1.2	7	4
## 6	NA	NA	NA	NA	NA	NA	NA	NA
##	t2_worry	t2_isolate	t2_wash	t2_mask	t2_distance	t2_outside	t2_contact	
## 1	3	1	3	3	2	2	3	
## 2	2	3	3	1	3	3	3	
## 3	1	1	3	2	2	3	3	
## 4	2	0	3	3	3	3	3	
## 5	2	1	3	1	3	2	3	
## 6	NA	NA	NA	NA	NA	NA	NA	
##	t2_phone	t2_txtsm	t2_pla_exp	t2_pla_exp_groc	t2_pla_exp_pharm	t2_pla_exp_fam		
## 1	1	3	0	0	0	0	0	
## 2	1	3	0	0	0	0	0	
## 3	1	3	1	0	0	0	0	
## 4	3	1	1	1	1	1	0	
## 5	1	3	1	1	1	1	1	
## 6	NA	NA	NA	NA	NA	NA	NA	
##	t2_pla_exp_fr	t2_pla_exp_rest	t2_pla_exp_worsh	t2_pla_exp_park	t2_pla_exp_gym			
## 1	0	0	0	0	0	0	0	
## 2	0	0	0	0	0	0	0	
## 3	1	1	0	0	0	0	0	
## 4	1	1	0	1	1	1	1	
## 5	0	1	0	1	1	0	0	
## 6	NA	NA	NA	NA	NA	NA	NA	
##	t2_pla_exp_com	t2_pla_exp_ret	t2_pla_exp_pers	t2_pla_exp_health				
## 1	0	0	0	0	0	0	0	
## 2	0	0	0	0	0	0	0	
## 3	0	1	0	0	0	0	0	
## 4	0	1	1	1	1	1	1	
## 5	0	1	0	0	0	0	0	
## 6	NA	NA	NA	NA	NA	NA	NA	
##	t2_pla_exp_hosp	t2_pla_exp_oth	t2_contact_exp	t2_contact_exp_tot	t3			
## 1	0	0	1	3	1			
## 2	0	0	0	0	0	0	0	
## 3	0	0	1	9	1			
## 4	0	0	1	20	1			
## 5	0	0	0	0	1			
## 6	NA	NA	NA	NA	0			
##	t3_dstart	t3_dend	t3_drecord	t3_progress	t3_dursec	t3_durmin	t3_fin	
## 1	2020-07-03	2020-07-03	2020-07-03	100	899	14.983334	True	
## 2	<NA>	<NA>	<NA>	NA	NA	NA		
## 3	2020-07-19	2020-07-19	2020-07-19	100	837	13.950000	True	
## 4	2020-07-22	2020-07-22	2020-07-22	100	374	6.233333	True	
## 5	2020-07-01	2020-07-01	2020-07-01	100	495	8.250000	True	
## 6	<NA>	<NA>	<NA>	NA	NA	NA		
##	t3_lang	t3_relatt_ch	t3_relatt_chnew	t3_relatt_chmar	t3_relatt_chdiv			
## 1	1	0	0	0	0			
## 2	NA	NA	NA	NA	NA			
## 3	1	0	0	0	0			
## 4	1	0	0	0	0			
## 5	1	0	0	0	0			
## 6	NA	NA	NA	NA	NA			
##	t3_relatt_chsep	t3_relatt_chwid	t3_relatt_choth	t3_liv_ch_any	t3_liv_ch_perm			
## 1	0	0	0	0	0			

## 2	NA	NA	NA	NA	NA	
## 3	0	0	0	0	0	
## 4	0	0	0	0	0	
## 5	0	0	0	0	0	
## 6	NA	NA	NA	NA	NA	
##	t3_liv_ch_temp	t3_liv_ch_othmov	t3_liv_ch_vaca	t3_liv_ch_hot	t3_liv_ch_ins	
## 1	0	0	0	0	0	
## 2	NA	NA	NA	NA	NA	
## 3	0	0	0	0	0	
## 4	0	0	0	0	0	
## 5	0	0	0	0	0	
## 6	NA	NA	NA	NA	NA	
##	t3_liv_ch_oth	t3_emp_ch_any	t3_emp_ch_lost	t3_emp_ch_furl	t3_emp_ch_hour	
## 1	0	0	0	0	0	
## 2	NA	NA	NA	NA	NA	
## 3	0	0	0	0	0	
## 4	0	0	0	0	0	
## 5	0	1	1	0	0	
## 6	NA	NA	NA	NA	NA	
##	t3_emp_ch_home	t3_emp_ch_ill	t3_emp_ch_new	t3_emp_ch_vac	t3_emp_ch_ret	
## 1	0	0	0	0	0	
## 2	NA	NA	NA	NA	NA	
## 3	0	0	0	0	0	
## 4	0	0	0	0	0	
## 5	0	0	0	0	0	
## 6	NA	NA	NA	NA	NA	
##	t3_emp_ch_inc	t3_emp_ch_away	t3_emp_ch_less	t3_emp_ch_more	t3_emp_ch_oth	
## 1	0	0	0	0	0	
## 2	NA	NA	NA	NA	NA	
## 3	0	0	0	0	0	
## 4	0	0	0	0	0	
## 5	0	0	0	0	0	
## 6	NA	NA	NA	NA	NA	
##	t3_test_self	t3_cov_self_t	t3_cov_self_nt	t3_test_ff	t3_cov_ff_t	t3_cov_ff_nt
## 1	0	-2	0	1	0	0
## 2	NA	NA	NA	NA	NA	NA
## 3	0	-2	0	1	0	0
## 4	0	-2	0	1	0	0
## 5	0	-2	0	1	0	0
## 6	NA	NA	NA	NA	NA	NA
##	t3_cov_ff_any	t3_hos_ff_any	t3_hos_cov_ff_any	t3_death_ff_any		
## 1	0	1	0	0		
## 2	NA	NA	NA	NA		
## 3	0	0	0	0		
## 4	0	0	0	0		
## 5	0	0	0	0		
## 6	NA	NA	NA	NA		
##	t3_death_cov_ff_any	t3_hhist_dep	t3_hhist_anx	t3_slfhlth	t3_slfmem	t3_lonely1
## 1	0	0	0	2	2	1
## 2	NA	NA	NA	NA	NA	NA
## 3	0	0	0	3	4	1
## 4	0	1	1	3	2	1
## 5	0	0	0	4	3	1
## 6	NA	NA	NA	NA	NA	NA

##	t3_lonely2	t3_lonely3	t3_lonely_tot	t3_lonely_fin	t3_cesd1	t3_cesd2	t3_cesd3	
## 1	1	1	3	0	0	0	0	
## 2	NA	NA	NA	NA	NA	NA	NA	
## 3	1	1	3	0	0	0	0	
## 4	1	1	3	0	0	0	0	
## 5	1	1	3	0	0	0	1	
## 6	NA	NA	NA	NA	NA	NA	NA	
##	t3_cesd4	t3_cesd5	t3_cesd6	t3_cesd7	t3_cesd8	t3_cesd_tot	t3_cesd_fin	t3_anx1
## 1	0	0	0	0	0	0	0	1
## 2	NA	NA	NA	NA	NA	NA	NA	NA
## 3	0	0	0	0	0	0	0	2
## 4	0	0	0	0	0	0	0	1
## 5	0	0	0	0	0	1	0	1
## 6	NA	NA	NA	NA	NA	NA	NA	NA
##	t3_anx2	t3_anx3	t3_anx4	t3_anx5	t3_anx_tot	t3_anx_fin	t3_satisfy	t3_stim
## 1	1	1	1	1	5	1.0	8	4
## 2	NA	NA	NA	NA	NA	NA	NA	NA
## 3	2	1	3	1	9	1.8	8	4
## 4	3	1	1	1	7	1.4	8	4
## 5	2	1	1	1	6	1.2	8	4
## 6	NA	NA	NA	NA	NA	NA	NA	NA
##	t3_worry	t3_isolate	t3_wash	t3_mask	t3_distance	t3_outside	t3_contact	
## 1	2	3	3	2	3	1	3	
## 2	NA	NA	NA	NA	NA	NA	NA	
## 3	2	2	3	2	2	NA	1	
## 4	2	1	3	3	3	3	3	
## 5	2	2	2	1	3	2	3	
## 6	NA	NA	NA	NA	NA	NA	NA	
##	t3_phone	t3_txtsm	t3_pla_exp	t3_pla_exp_tot	t3_pla_exp_groc	t3_pla_exp_pharm		
## 1	0	3	0	0	0	0		
## 2	NA	NA	NA	NA	NA	NA		
## 3	1	2	1	3	0	0		
## 4	1	3	1	4	0	0		
## 5	3	3	0	0	0	0		
## 6	NA	NA	NA	NA	NA	NA		
##	t3_pla_exp_fam	t3_pla_exp_fr	t3_pla_exp_rest	t3_pla_exp_worsh	t3_pla_exp_park			
## 1	0	0	0	0	0			
## 2	NA	NA	NA	NA	NA			
## 3	1	0	0	0	0			
## 4	0	0	1	0	1			
## 5	0	0	0	0	0			
## 6	NA	NA	NA	NA	NA			
##	t3_pla_exp_gym	t3_pla_exp_com	t3_pla_exp_ret	t3_pla_exp_pers				
## 1	0	0	0	0				
## 2	NA	NA	NA	NA				
## 3	0	0	0	1				
## 4	1	0	0	1				
## 5	0	0	0	0				
## 6	NA	NA	NA	NA				
##	t3_pla_exp_health	t3_pla_exp_hosp	t3_pla_exp_oth	t3_contact_exp				
## 1	0	0	0	0				
## 2	NA	NA	NA	NA				
## 3	0	0	0	1				
## 4	1	0	0	1				

## 5	0	0	0	0		
## 6	NA	NA	NA	NA		
##	t3_contact_exp_tot	t4	t4_dstart	t4_dend	t4_drecord	t4_progress t4_dursec
## 1	0	1	2020-07-30	2020-07-30	2020-07-30	100 815
## 2	NA	1	2020-09-18	2020-09-18	2020-09-18	100 411
## 3	4	1	2020-08-15	2020-08-15	2020-08-15	100 1266
## 4	12	0	<NA>	<NA>	<NA>	NA NA
## 5	0	1	2020-07-29	2020-07-29	2020-07-29	100 287
## 6	NA	1	2020-08-21	2020-08-21	2020-08-21	100 1101
##	t4_durmin	t4_fin	t4_lang	t4_relat_ch	t4_relat_chnew	t4_relat_chmar
## 1	13.583333	True	1	0	0	0
## 2	6.850000	True	1	0	0	0
## 3	21.100000	True	1	0	0	0
## 4	NA		NA	NA	NA	NA
## 5	4.783333	True	1	0	0	0
## 6	18.350000	True	1	0	0	0
##	t4_relat_chdiv	t4_relat_chsep	t4_relat_chwid	t4_relat_choth	t4_liv_ch_any	
## 1	0	0	0	0	0	
## 2	0	0	0	0	0	
## 3	0	0	0	0	0	
## 4	NA	NA	NA	NA	NA	
## 5	0	0	0	0	0	
## 6	0	0	0	0	0	
##	t4_liv_ch_perm	t4_liv_ch_temp	t4_liv_ch_othmov	t4_liv_ch_vaca	t4_liv_ch_hot	
## 1	0	0	0	0	0	
## 2	0	0	0	0	0	
## 3	0	0	0	0	0	
## 4	NA	NA	NA	NA	NA	
## 5	0	0	0	0	0	
## 6	0	0	0	0	0	
##	t4_liv_ch_ins	t4_liv_ch_oth	t4_emp_ch_any	t4_emp_ch_lost	t4_emp_ch_furl	
## 1	0	0	0	0	0	
## 2	0	0	0	0	0	
## 3	0	0	0	0	0	
## 4	NA	NA	NA	NA	NA	
## 5	0	0	0	0	0	
## 6	0	0	0	0	0	
##	t4_emp_ch_hour	t4_emp_ch_home	t4_emp_ch_ill	t4_emp_ch_new	t4_emp_ch_vac	
## 1	0	0	0	0	0	
## 2	0	0	0	0	0	
## 3	0	0	0	0	0	
## 4	NA	NA	NA	NA	NA	
## 5	0	0	0	0	0	
## 6	0	0	0	0	0	
##	t4_emp_ch_ret	t4_emp_ch_inc	t4_emp_ch_away	t4_emp_ch_less	t4_emp_ch_more	
## 1	0	0	0	0	0	
## 2	0	0	0	0	0	
## 3	0	0	0	0	0	
## 4	NA	NA	NA	NA	NA	
## 5	0	0	0	0	0	
## 6	0	0	0	0	0	
##	t4_emp_ch_oth	t4_test_self	t4_cov_self_t	t4_cov_self_nt	t4_test_ff	
## 1	0	0	-2	0	1	
## 2	0	0	-2	0	0	

```

## 3          0          1          0          0          0
## 4          NA         NA         NA         NA         NA
## 5          0          1          0          1          0
## 6          0          0         -2          0          1
##   t4_cov_ff_t t4_cov_ff_nt t4_cov_ff_any t4_hos_ff_any t4_hos_cov_ff_any
## 1          2          0          0          0          0
## 2         -2          0          0          0          0
## 3         -2          0          0          0          0
## 4          NA         NA         NA         NA         NA
## 5         -2          0          0          0          0
## 6          1          0          1          1          0
##   t4_death_ff_any t4_death_cov_ff_any t4_drink t4_exerc t4_slfhlth t4_slfmem
## 1          0          0          0          4          2          2
## 2          1          -1          3          2          3          3
## 3          0          0          0          6          2          3
## 4          NA         NA         NA         NA         NA         NA
## 5          0          0          7          3          4          3
## 6          1          0          5          6          3          3
##   t4_promis1 t4_promis2 t4_promis3 t4_promis4 t4_promis5 t4_promis6 t4_RawAbl
## 1          3          3          3          4          3          4          20
## 2          4          4          4          4          4          4          24
## 3          4          4          4          5          4          4          25
## 4          NA         NA         NA         NA         NA         NA         NA
## 5          5          5          5          5          5          5          30
## 6          5          4          5          4          4          5          27
##   t4_TscoreAbl t4_promis7 t4_promis8 t4_promis9 t4_promis10 t4_promis11
## 1         46.0          3          3          3          3          3
## 2         50.8          4          4          5          5          5
## 3         51.9          3          4          4          5          3
## 4          NA         NA         NA         NA         NA         NA
## 5         66.2          5          5          5          5          5
## 6         56.7          3          4          4          4          3
##   t4_promis12 t4_RawFun t4_TscoreFun t4_lonely1 t4_lonely2 t4_lonely3
## 1          3         18         40.2          1          1          2
## 2          5         28         53.6          1          1          1
## 3          4         23         46.2          1          1          2
## 4          NA         NA         NA         NA         NA         NA
## 5          5         30         63.2          1          1          1
## 6          4         22         45.1          3          2          2
##   t4_lonely_tot t4_lonely_fin t4_cesd1 t4_cesd2 t4_cesd3 t4_cesd4 t4_cesd5
## 1          4          0          1          1          1          1          1
## 2          3          0          0          0          1          0          0
## 3          4          0          1          1          1          1          0
## 4          NA         NA         NA         NA         NA         NA         NA
## 5          3          0          0          0          0          0          0
## 6          7          1          0          0          0          0          0
##   t4_cesd6 t4_cesd7 t4_cesd8 t4_cesd_tot t4_cesd_fin t4_anx1 t4_anx2 t4_anx3
## 1          1          0          1          7          1          3          3          3
## 2          0          0          0          1          0          1          1          1
## 3          0          1          1          6          1          3          2          1
## 4          NA         NA         NA         NA         NA         NA         NA         NA
## 5          0          0          0          0          0          1          2          1
## 6          1          0          0          1          0          1          1          1
##   t4_anx4 t4_anx5 t4_anx_tot t4_anx_fin t4_satisfy t4_worry t4_isolate

```

## 1	1	1	11	2.2	7	2	2
## 2	1	2	6	1.2	9	2	3
## 3	3	3	12	2.4	7	3	3
## 4	NA	NA	NA	NA	NA	NA	NA
## 5	1	1	6	1.2	8	2	3
## 6	1	1	5	1.0	7	3	2
##	t4_interact	t4_wash	t4_mask	t4_distance	t4_outside	t4_contact	t4_phone
## 1	1	3	3	3	2	3	1
## 2	1	3	3	3	3	3	1
## 3	1	2	2	3	3	1	1
## 4	NA	NA	NA	NA	NA	NA	NA
## 5	1	3	1	3	2	1	3
## 6	1	3	3	3	3	3	3
##	t4_txtsm	t4_pla_exp_groc	t4_pla_exp_pharm	t4_pla_exp_fam	t4_pla_exp_fr		
## 1	3	0	0	0	0	0	0
## 2	3	0	0	0	0	0	0
## 3	3	0	0	0	0	0	0
## 4	NA	NA	NA	NA	NA	NA	NA
## 5	3	0	0	0	0	0	0
## 6	3	0	0	0	0	0	0
##	t4_pla_exp_rest	t4_pla_exp_worsh	t4_pla_exp_park	t4_pla_exp_gym			
## 1	0	0	0	0			
## 2	0	0	0	0			
## 3	1	0	0	0			
## 4	NA	NA	NA	NA			
## 5	0	0	0	0			
## 6	1	0	1	0			
##	t4_pla_exp_com	t4_pla_exp_ret	t4_pla_exp_pers	t4_pla_exp_health			
## 1	0	0	0	0			
## 2	0	0	0	0			
## 3	0	0	0	0			
## 4	NA	NA	NA	NA			
## 5	0	0	0	0			
## 6	0	1	1	0			
##	t4_pla_exp_hosp	t4_pla_exp_oth	t4_pla_exp	t4_pla_exp_tot	t4_contact_exp		
## 1	0	0	3	0	3		
## 2	0	0	3	0	3		
## 3	1	0	1	1	1		
## 4	NA	NA	NA	NA	NA		
## 5	0	0	3	0	3		
## 6	0	0	1	3	3		
##	t4_contact_exp_tot	attwf4m	pop_attwf4m	t5	t5_dstart	t5_dend	t5_drecord
## 1	0	1.144816	9735.212	1	2020-09-04	2020-09-04	2020-09-04
## 2	0	1.292770	10967.135	1	2020-10-26	2020-10-26	2020-10-26
## 3	4	1.292770	11031.936	1	2020-09-21	2020-09-21	2020-09-21
## 4	NA	1.098309	17307.779	1	2020-09-21	2020-09-21	2020-09-21
## 5	0	1.178595	27587.543	1	2020-09-01	2020-09-01	2020-09-01
## 6	0	1.250399	10764.859	0	<NA>	<NA>	<NA>
##	t5_progress	t5_dursec	t5_durmin	t5_fin	t5_lang	t5_relatt_ch	t5_relatt_chnew
## 1	100	1675	27.916666	True	1	0	0
## 2	100	573	9.550000	True	1	0	0
## 3	100	799	13.316667	True	1	0	0
## 4	100	375	6.250000	True	1	0	0
## 5	100	436	7.266667	True	1	0	0

## 6	NA	NA	NA	NA	NA	NA
##	t5_relav_chmar	t5_relav_chdiv	t5_relav_chsep	t5_relav_chwid	t5_relav_choth	
## 1	0	0	0	0	0	0
## 2	0	0	0	0	0	0
## 3	0	0	0	0	0	0
## 4	0	0	0	0	0	0
## 5	0	0	0	0	0	0
## 6	NA	NA	NA	NA	NA	NA
##	t5_liv_ch_ay	t5_liv_ch_perm	t5_liv_ch_temp	t5_liv_ch_othmov	t5_liv_ch_vaca	
## 1	0	0	0	0	0	0
## 2	0	0	0	0	0	0
## 3	0	0	0	0	0	0
## 4	0	0	0	0	0	0
## 5	0	0	0	0	0	0
## 6	NA	NA	NA	NA	NA	NA
##	t5_liv_ch_hot	t5_liv_ch_ins	t5_liv_ch_oth	t5_emp_ch_ay	t5_emp_ch_lost	
## 1	0	0	0	0	0	0
## 2	0	0	0	0	0	0
## 3	0	0	0	0	0	0
## 4	0	0	0	0	0	0
## 5	0	0	0	0	0	0
## 6	NA	NA	NA	NA	NA	NA
##	t5_emp_ch_furl	t5_emp_ch_hour	t5_emp_ch_home	t5_emp_ch_ill	t5_emp_ch_new	
## 1	0	0	0	0	0	0
## 2	0	0	0	0	0	0
## 3	0	0	0	0	0	0
## 4	0	0	0	0	0	0
## 5	0	0	0	0	0	0
## 6	NA	NA	NA	NA	NA	NA
##	t5_emp_ch_vac	t5_emp_ch_ret	t5_emp_ch_inc	t5_emp_ch_away	t5_emp_ch_less	
## 1	0	0	0	0	0	0
## 2	0	0	0	0	0	0
## 3	0	0	0	0	0	0
## 4	0	0	0	0	0	0
## 5	0	0	0	0	0	0
## 6	NA	NA	NA	NA	NA	NA
##	t5_emp_ch_more	t5_emp_ch_oth	t5_test_self	t5_cov_self_t	t5_cov_self_nt	
## 1	0	0	0	-2	0	0
## 2	0	0	0	-2	0	0
## 3	0	0	0	-2	0	0
## 4	0	0	0	-2	0	0
## 5	0	0	0	-2	0	0
## 6	NA	NA	NA	NA	NA	NA
##	t5_test_ff	t5_cov_ff_t	t5_cov_ff_nt	t5_cov_ff_ay	t5_hos_ff_ay	
## 1	1	0	0	0	0	0
## 2	1	1	1	1	0	0
## 3	1	0	0	0	0	0
## 4	0	-2	0	0	0	0
## 5	1	0	0	0	0	0
## 6	NA	NA	NA	NA	NA	NA
##	t5_hos_cov_ff_ay	t5_death_ff_ay	t5_death_cov_ff_ay	t5_slflth	t5_slfmem	
## 1	0	0	0	2	3	3
## 2	0	1	0	3	3	3
## 3	0	0	0	3	4	4

## 4	0		0		0	3	2	
## 5	0		0		0	4	3	
## 6	NA		NA		NA	NA	NA	
##	t5_lonely1	t5_lonely2	t5_lonely3	t5_lonely_tot	t5_lonely_fin	t5_cesd1		
## 1	1	1	1	3	0	0		
## 2	1	1	NA	NA	NA	0		
## 3	2	1	1	4	0	1		
## 4	1	1	1	3	0	0		
## 5	1	1	1	3	0	0		
## 6	NA	NA	NA	NA	NA	NA		
##	t5_cesd2	t5_cesd3	t5_cesd4	t5_cesd5	t5_cesd6	t5_cesd7	t5_cesd8	t5_cesd_tot
## 1	0	0	0	0	0	0	0	0
## 2	0	1	0	0	0	0	0	1
## 3	0	0	1	0	1	1	0	4
## 4	0	0	0	0	0	0	0	0
## 5	0	0	0	0	0	0	0	0
## 6	NA	NA	NA	NA	NA	NA	NA	NA
##	t5_cesd_fin	t5_anx1	t5_anx2	t5_anx3	t5_anx4	t5_anx5	t5_anx_tot	t5_anx_fin
## 1	0	2	1	1	1	1	6	1.2
## 2	0	1	2	1	1	1	6	1.2
## 3	1	3	3	1	3	1	11	2.2
## 4	0	1	2	1	1	1	6	1.2
## 5	0	1	2	1	1	1	6	1.2
## 6	NA	NA	NA	NA	NA	NA	NA	NA
##	t5_satisfy	t5_worry	t5_isolate	t5_interact	t5_wash	t5_mask	t5_distance	
## 1	7	2	2	1	3	3	3	
## 2	10	2	2	2	3	3	3	
## 3	4	3	2	1	3	3	3	
## 4	7	3	0	3	3	3	3	
## 5	8	2	2	1	3	1	3	
## 6	NA	NA	NA	NA	NA	NA	NA	
##	t5_outside	t5_contact	t5_phone	t5_txtsm	t5_pla_exp_groc	t5_pla_exp_pharm		
## 1	1	3	0	3		0	0	
## 2	3	3	2	3		0	0	
## 3	3	1	1	2		0	0	
## 4	3	3	1	2		0	0	
## 5	2	1	1	3		0	0	
## 6	NA	NA	NA	NA		NA	NA	
##	t5_pla_exp_fam	t5_pla_exp_fr	t5_pla_exp_rest	t5_pla_exp_worsh	t5_pla_exp_park			
## 1	0		0	0		0	0	
## 2	1		1	1		0	0	
## 3	0		0	0		0	0	
## 4	0		0	0		0	0	
## 5	0		0	1		0	0	
## 6	NA		NA	NA		NA	NA	
##	t5_pla_exp_gym	t5_pla_exp_com	t5_pla_exp_ret	t5_pla_exp_pers				
## 1	0		0	0		0		
## 2	0		0	0		0		
## 3	0		0	0		0		
## 4	0		0	0		0		
## 5	0		0	0		0		
## 6	NA		NA	NA		NA		
##	t5_pla_exp_health	t5_pla_exp_hosp	t5_pla_exp_oth	t5_pla_exp	t5_pla_exp_tot			
## 1	0		0	0	3		0	

## 2	1	0	0	1	4
## 3	0	0	0	3	0
## 4	0	0	0	3	0
## 5	1	0	0	1	4
## 6	NA	NA	NA	NA	NA
##	t5_contact_exp	t5_contact_exp_tot	t5_ast_com	t5_resp_fed	t5_resp_stat
## 1	3	0	2	NA	NA
## 2	1	4	3	NA	NA
## 3	3	0	1	2	NA
## 4	3	0	1	NA	3
## 5	3	0	1	1	2
## 6	NA	NA	NA	NA	NA
##	t5_resp_local	t5_respect	attwf5m	pop_attwf5m	t6 t6_dstart t6_dend
## 1	NA	2	1.162184	9882.904	1 2020-10-01 2020-10-01
## 2	1	3	1.270269	10776.249	0 <NA> <NA>
## 3	2	1	1.323672	11295.640	1 2020-10-19 2020-10-19
## 4	3	2	1.087360	17135.238	1 2020-10-21 2020-10-21
## 5	3	1	1.162184	27203.408	1 2020-09-29 2020-09-29
## 6	NA	NA	1.228842	10579.272	0 <NA> <NA>
##	t6_drecord	t6_progress	t6_dursec	t6_durmin	t6_fin t6_lang t6_relat t6_sing_nm
## 1	2020-10-01	100	720	12.000000	True 1 4 0
## 2	<NA>	NA	NA	NA	NA NA NA
## 3	2020-10-19	100	1394	23.233334	True 1 4 0
## 4	2020-10-21	100	457	7.616667	True 1 4 0
## 5	2020-09-29	100	365	6.083333	True 1 4 0
## 6	<NA>	NA	NA	NA	NA NA NA
##	t6_sing_d	t6_sing_w	t6_couple	t6_bldng	t6_bldng2 t6_reside t6_liv_a
## 1	0	0	1	3	3 1 0
## 2	NA	NA	NA	NA	NA NA NA
## 3	0	0	1	1	1 1 0
## 4	0	0	1	1	1 2 0
## 5	0	0	1	1	1 3 0
## 6	NA	NA	NA	NA	NA NA NA
##	t6_liv_w_sp	t6_liv_w_ch	t6_liv_w_gch	t6_liv_w_fam	t6_liv_w_fr t6_liv_w_rm
## 1	1	0	0	0	0 0 0
## 2	NA	NA	NA	NA	NA NA NA
## 3	1	0	0	0	0 0 0
## 4	1	1	0	0	0 0 0
## 5	1	1	0	0	0 0 0
## 6	NA	NA	NA	NA	NA NA NA
##	t6_liv_w_oth	t6_emp_sc	t6_emp_se	t6_emp_pt	t6_emp_ft t6_emp_di t6_emp_le
## 1	0	0	0	0	0 0 0
## 2	NA	NA	NA	NA	NA NA NA
## 3	0	0	0	0	0 0 0
## 4	0	0	0	0	1 0 0
## 5	0	0	0	0	0 0 0
## 6	NA	NA	NA	NA	NA NA NA
##	t6_emp_fa	t6_emp_un	t6_emp_re	t6_emp_pr	t6_emp_oth t6_test_self t6_cov_self_t
## 1	0	0	1	0	0 0 -2
## 2	NA	NA	NA	NA	NA NA NA
## 3	0	0	1	0	0 0 -2
## 4	0	0	0	0	0 0 -2
## 5	0	1	0	0	0 0 -2
## 6	NA	NA	NA	NA	NA NA NA

##	t6_cov_self_nt	t6_test_ff	t6_cov_ff_t	t6_cov_ff_nt	t6_cov_ff_any			
## 1	0	1	0	0	0			
## 2	NA	NA	NA	NA	NA			
## 3	0	1	0	0	0			
## 4	0	0	-2	0	0			
## 5	0	1	0	0	0			
## 6	NA	NA	NA	NA	NA			
##	t6_hos_ff_any	t6_hos_cov_ff_any	t6_death_ff_any	t6_death_cov_ff_any	t6_drink			
## 1	0		0	0	0	0		
## 2	NA		NA	NA	NA	NA		
## 3	0		0	1	0	7		
## 4	0		0	0	0	2		
## 5	0		0	0	0	10		
## 6	NA		NA	NA	NA	NA		
##	t6_exerc	t6_slfhlth	t6_slfmem	t6_promis1	t6_promis2	t6_promis3	t6_promis4	
## 1	4	3	3	5	5	5	5	
## 2	NA	NA	NA	NA	NA	NA	NA	
## 3	6	2	4	5	5	5	4	
## 4	6	3	2	4	4	3	4	
## 5	5	4	3	5	5	5	5	
## 6	NA	NA	NA	NA	NA	NA	NA	
##	t6_promis5	t6_promis6	t6_RawAbl	t6_TscoreAbl	t6_promis7	t6_promis8	t6_promis9	
## 1	5	5	30	66.2	5	5	5	
## 2	NA	NA	NA	NA	NA	NA	NA	
## 3	4	5	28	59.3	5	5	5	
## 4	4	3	22	47.6	3	3	3	
## 5	5	5	30	66.2	4	4	4	
## 6	NA	NA	NA	NA	NA	NA	NA	
##	t6_promis10	t6_promis11	t6_promis12	t6_RawFun	t6_TscoreFun	t6_lonely1		
## 1	5	5	5	30	63.2	1		
## 2	NA	NA	NA	NA	NA	NA		
## 3	5	4	5	29	58.2	1		
## 4	3	3	3	18	40.2	1		
## 5	4	4	4	24	47.2	1		
## 6	NA	NA	NA	NA	NA	NA		
##	t6_lonely2	t6_lonely3	t6_lonely_tot	t6_lonely_fin	t6_cesd1	t6_cesd2	t6_cesd3	
## 1	1	1	3	0	0	0	0	
## 2	NA	NA	NA	NA	NA	NA	NA	
## 3	1	2	4	0	0	0	1	
## 4	1	1	3	0	0	0	0	
## 5	1	1	3	0	0	0	1	
## 6	NA	NA	NA	NA	NA	NA	NA	
##	t6_cesd4	t6_cesd5	t6_cesd6	t6_cesd7	t6_cesd8	t6_cesd_tot	t6_cesd_fin	t6_anx1
## 1	0	0	0	0	0	0	0	1
## 2	NA	NA	NA	NA	NA	NA	NA	NA
## 3	0	0	0	0	0	1	0	3
## 4	0	0	0	0	0	0	0	1
## 5	0	0	0	0	0	1	0	1
## 6	NA	NA	NA	NA	NA	NA	NA	NA
##	t6_anx2	t6_anx3	t6_anx4	t6_anx5	t6_anx_tot	t6_anx_fin	t6_satisfy	t6_worry
## 1	1	1	1	1	5	1.0	8	2
## 2	NA	NA	NA	NA	NA	NA	NA	NA
## 3	3	1	3	1	11	2.2	8	2
## 4	2	1	1	1	6	1.2	8	3

## 5	2	1	1	1	6	1.2	8	2
## 6	NA	NA	NA	NA	NA	NA	NA	NA
##	t6_contact_tot	t6_contact_fm1	t6_contact_fm2	t6_contact_rm	t6_contact_fr			
## 1	2	1	0	0	0			
## 2	NA	NA	NA	NA	NA			NA
## 3	4	1	1	0	0			0
## 4	3	1	0	0	0			0
## 5	20	1	1	0	1			
## 6	NA	NA	NA	NA	NA			NA
##	t6_contact_wr	t6_contact_ne	t6_contact_cm	t6_contact_md	t6_contact_re			
## 1	0	0	0	0	0			
## 2	NA	NA	NA	NA	NA			NA
## 3	0	0	0	0	0			0
## 4	0	0	0	0	0			0
## 5	0	0	0	1	1			
## 6	NA	NA	NA	NA	NA			NA
##	t6_contact_oth	t6_pla_tot	t6_pla_ai	t6_pla_ar	t6_pla_ca	t6_pla_cm	t6_pla_fr1	
## 1	0	5	0	0	0	0	0	0
## 2	NA	NA	NA	NA	NA	NA	NA	NA
## 3	0	5	0	0	0	0	0	0
## 4	0	5	0	0	0	0	0	1
## 5	0	5	0	0	0	0	0	0
## 6	NA	NA	NA	NA	NA	NA	NA	NA
##	t6_pla_fr2	t6_pla_gr	t6_pla_hl	t6_pla_ho	t6_pla_mo	t6_pla_rc	t6_pla_re	
## 1	1	0	1	0	0	0	1	
## 2	NA	NA	NA	NA	NA	NA	NA	
## 3	0	0	0	0	0	0	1	
## 4	0	0	1	0	0	1	0	
## 5	0	0	1	0	0	0	0	
## 6	NA	NA	NA	NA	NA	NA	NA	
##	t6_pla_or	t6_pla_pa	t6_pla_pe	t6_pla_wo	t6_pla_ba	t6_pla_sc	t6_pla_sp	
## 1	0	1	0	0	0	0	0	
## 2	NA	NA	NA	NA	NA	NA	NA	
## 3	0	1	1	0	0	0	0	
## 4	0	0	0	0	0	0	0	
## 5	0	0	0	1	0	0	0	
## 6	NA	NA	NA	NA	NA	NA	NA	
##	t6_pla_va	t6_pla_ve	t6_pla_wr	t6_pla_fm1	t6_pla_fm2	t6_pla_ph	t6_pla_oth	
## 1	0	0	0	0	1	0	0	
## 2	NA	NA	NA	NA	NA	NA	NA	
## 3	0	0	0	1	0	0	0	
## 4	0	0	1	0	0	0	0	
## 5	0	0	0	1	0	0	0	
## 6	NA	NA	NA	NA	NA	NA	NA	
##	attwf6m	pop_attwf6m	t7	t7_dstart	t7_dend	t7_drecord	t7_progress	
## 1	1.128611	9597.408	1	2020-10-30	2020-10-30	2020-10-30	100	
## 2	1.261106	10698.516	1	2020-12-18	2020-12-18	2020-12-18	100	
## 3	1.312653	11201.607	1	2020-11-16	2020-11-16	2020-11-16	100	
## 4	1.086551	17122.488	1	2020-11-16	2020-11-16	2020-11-16	100	
## 5	1.128611	26417.561	1	2020-10-27	2020-10-27	2020-10-27	100	
## 6	1.222245	10522.478	1	2020-11-21	2020-11-21	2020-11-21	100	
##	t7_dursec	t7_durmin	t7_fin	t7_lang	t7_relat_ch	t7_relat_chnew	t7_relat_chmar	
## 1	497	8.283334	True	1	0	0	0	
## 2	360	6.000000	True	1	0	0	0	

## 3	787	13.116667	True	1	0	0	0
## 4	426	7.100000	True	1	0	0	0
## 5	290	4.833333	True	1	0	0	0
## 6	1265	21.083334	True	1	0	0	0
##	t7_relat_chdiv	t7_relat_chsep	t7_relat_chwid	t7_relat_choth	t7_liv_ch_any		
## 1	0	0	0	0	0		
## 2	0	0	0	0	0		
## 3	0	0	0	0	0		
## 4	0	0	0	0	0		
## 5	0	0	0	0	0		
## 6	0	0	0	0	0		
##	t7_liv_ch_perm	t7_liv_ch_temp	t7_liv_ch_othmov	t7_liv_ch_vaca	t7_liv_ch_hot		
## 1	0	0	0	0	0		
## 2	0	0	0	0	0		
## 3	0	0	0	0	0		
## 4	0	0	0	0	0		
## 5	0	0	0	0	0		
## 6	0	0	0	0	0		
##	t7_liv_ch_ins	t7_liv_ch_oth	t7_emp_ch_any	t7_emp_ch_new	t7_emp_ch_lost		
## 1	0	0	0	0	0		
## 2	0	0	0	0	0		
## 3	0	0	0	0	0		
## 4	0	0	0	0	0		
## 5	0	0	0	0	0		
## 6	0	0	0	0	0		
##	t7_emp_ch_furl	t7_emp_ch_ill	t7_emp_ch_vac	t7_emp_ch_ret	t7_emp_ch_hour		
## 1	0	0	0	0	0		
## 2	0	0	0	0	0		
## 3	0	0	0	0	0		
## 4	0	0	0	0	0		
## 5	0	0	0	0	0		
## 6	0	0	0	0	0		
##	t7_emp_ch_inc	t7_emp_ch_home	t7_emp_ch_away	t7_emp_ch_less	t7_emp_ch_more		
## 1	0	0	0	0	0		
## 2	0	0	0	0	0		
## 3	0	0	0	0	0		
## 4	0	0	0	0	0		
## 5	0	0	0	0	0		
## 6	0	0	0	0	0		
##	t7_emp_ch_oth	t7_test_self	t7_cov_self_t	t7_cov_self_nt	t7_test_ff		
## 1	0	0	-2	1	1		
## 2	0	0	-2	0	1		
## 3	0	0	-2	0	-1		
## 4	0	0	-2	0	0		
## 5	0	0	-2	0	0		
## 6	0	0	-2	0	1		
##	t7_cov_ff_t	t7_cov_ff_nt	t7_cov_ff_any	t7_hos_ff_any	t7_hos_cov_ff_any		
## 1	1	1	1	0	0		
## 2	1	1	1	0	0		
## 3	NA	0	0	0	0		
## 4	-2	0	0	0	0		
## 5	-2	0	0	0	0		
## 6	0	0	0	0	0		
##	t7_death_ff_any	t7_death_cov_ff_any	t7_slflth	t7_slfmem	t7_lonely1		

## 1	0		0	2	2	1		
## 2	0		0	3	3	1		
## 3	0		0	2	4	2		
## 4	0		0	3	2	1		
## 5	0		0	4	3	1		
## 6	0		0	3	3	3		
##	t7_lonely2	t7_lonely3	t7_lonely_tot	t7_lonely_fin	t7_cesd1	t7_cesd2	t7_cesd3	
## 1	1	1	3	0	0	1	0	
## 2	1	1	3	0	0	0	1	
## 3	1	2	5	0	0	0	0	
## 4	1	1	3	0	0	0	0	
## 5	1	1	3	0	0	0	0	
## 6	2	2	7	1	0	0	0	
##	t7_cesd4	t7_cesd5	t7_cesd6	t7_cesd7	t7_cesd8	t7_cesd_tot	t7_cesd_fin	t7_anx1
## 1	0	0	0	0	1	2	0	1
## 2	0	0	1	0	0	2	0	1
## 3	1	0	0	0	0	1	0	3
## 4	1	0	0	0	NA	1	0	2
## 5	0	0	0	0	0	0	0	2
## 6	0	0	0	0	0	0	0	1
##	t7_anx2	t7_anx3	t7_anx4	t7_anx5	t7_anx_fin	t7_satisfy	t7_fin_af_sav	
## 1	2	1	1	1	1.2	7	0	
## 2	1	1	1	1	1.0	10	NA	
## 3	3	2	3	2	2.6	6	0	
## 4	3	1	1	1	1.6	7	0	
## 5	2	1	1	1	1.4	8	3	
## 6	1	1	1	1	1.0	6	0	
##	t7_fin_af_spe	t7_fin_af_bor	t7_fin_af_ast	t7_money	t7_worry	t7_isolate		
## 1	4	0	0	0	0	2	3	
## 2	4	NA	NA	0	0	1	3	
## 3	2	0	0	0	0	3	2	
## 4	4	3	0	NA	4	0		
## 5	2	0	3	20	2	1		
## 6	0	0	0	NA	3	2		
##	t7_interact	t7_wash	t7_mask	t7_distance	t7_outside	t7_contact	t7_phone	
## 1	1	3	3	3	1	3	0	
## 2	1	3	3	3	3	3	1	
## 3	1	1	2	2	2	1	1	
## 4	3	3	3	3	3	3	1	
## 5	1	1	1	3	1	3	2	
## 6	1	3	3	3	2	1	3	
##	t7_txtsm	t7_pla_exp_ai	t7_pla_exp_ar	t7_pla_exp_ca	t7_pla_exp_com			
## 1	3	0	0	0	0			
## 2	3	0	0	0	0			
## 3	2	0	0	0	0			
## 4	1	0	0	0	0			
## 5	3	0	0	0	0			
## 6	3	0	0	0	0			
##	t7_pla_exp_fr1	t7_pla_exp_fr2	t7_pla_exp_groc	t7_pla_exp_health				
## 1	0	0	0	0				
## 2	0	0	0	0				
## 3	0	0	0	0				
## 4	0	0	1	1				
## 5	0	0	0	0				

```

## 6      0      0      0      0
## t7_pla_exp_hosp t7_pla_exp_mo t7_pla_exp_gym t7_pla_exp_ret t7_pla_exp_or
## 1      0      0      0      0      0
## 2      0      0      0      0      0
## 3      0      0      0      0      0
## 4      1      0      1      1      0
## 5      0      0      0      0      0
## 6      0      0      0      0      0
## t7_pla_exp_park t7_pla_exp_pers t7_pla_exp_worsh t7_pla_exp_rest
## 1      0      0      0      0
## 2      0      0      0      0
## 3      0      0      0      0
## 4      0      1      0      0
## 5      0      0      0      0
## 6      0      0      0      0
## t7_pla_exp_sc t7_pla_exp_sp t7_pla_exp_va t7_pla_exp_ve t7_pla_exp_wr
## 1      0      0      0      0      0
## 2      0      0      0      0      0
## 3      0      0      0      0      0
## 4      0      0      0      0      0
## 5      0      0      0      0      0
## 6      0      0      0      0      0
## t7_pla_exp_fam1 t7_pla_exp_fam2 t7_pla_exp_pharm t7_pla_exp_oth t7_pla_exp
## 1      0      0      0      0      3
## 2      0      0      0      0      2
## 3      0      0      0      0      3
## 4      0      0      0      0      1
## 5      0      0      0      0      3
## 6      0      0      0      0      3
## t7_pla_exp_tot t7_contact_exp t7_contact_exp_tot attwf7m pop_attwf7m t8
## 1      0      3      0 1.152944 9804.329 1
## 2      0      2      0 1.254158 10639.572 1
## 3      0      3      0 1.304386 11131.061 1
## 4      2      1      20 1.084555 17091.035 1
## 5      0      3      0 1.124245 26315.367 1
## 6      0      3      0 1.254158 10797.222 0
## t8_dstart t8_dend t8_drecord t8_progress t8_dursec t8_durmin t8_fin
## 1 2020-12-03 2020-12-03 2020-12-03 100 719 11.983334 True
## 2 2021-01-25 2021-01-25 2021-01-25 100 460 7.666667 True
## 3 2020-12-22 2020-12-22 2020-12-22 100 950 15.833333 True
## 4 2020-12-22 2020-12-22 2020-12-22 100 398 6.633333 True
## 5 2020-12-15 2020-12-15 2020-12-15 100 382 6.366667 True
## 6 <NA> <NA> <NA> NA NA NA
## t8_lang t8_relat_ch t8_relat_chnew t8_relat_chmar t8_relat_chdiv
## 1 1 0 0 0 0
## 2 1 0 0 0 0
## 3 1 0 0 0 0
## 4 1 0 0 0 0
## 5 1 0 0 0 0
## 6 NA NA NA NA NA
## t8_relat_chsep t8_relat_chwid t8_relat_choth t8_liv_ch_any t8_liv_ch_perm
## 1 0 0 0 0 0
## 2 0 0 0 0 0
## 3 0 0 0 0 0

```

## 4	0	0	0	0	0		
## 5	0	0	0	0	0		
## 6	NA	NA	NA	NA	NA		
##	t8_liv_ch_temp	t8_liv_ch_othmov	t8_liv_ch_vaca	t8_liv_ch_hot	t8_liv_ch_ins		
## 1	0	0	0	0	0		
## 2	0	0	0	0	0		
## 3	0	0	0	0	0		
## 4	0	0	0	0	0		
## 5	0	0	0	0	0		
## 6	NA	NA	NA	NA	NA		
##	t8_liv_ch_oth	t8_emp_ch_any	t8_emp_ch_new	t8_emp_ch_lost	t8_emp_ch_furl		
## 1	0	0	0	0	0		
## 2	0	0	0	0	0		
## 3	0	0	0	0	0		
## 4	0	0	0	0	0		
## 5	0	0	0	0	0		
## 6	NA	NA	NA	NA	NA		
##	t8_emp_ch_ill	t8_emp_ch_vac	t8_emp_ch_ret	t8_emp_ch_hour	t8_emp_ch_inc		
## 1	0	0	0	0	0		
## 2	0	0	0	0	0		
## 3	0	0	0	0	0		
## 4	0	0	0	0	0		
## 5	0	0	0	0	0		
## 6	NA	NA	NA	NA	NA		
##	t8_emp_ch_home	t8_emp_ch_away	t8_emp_ch_less	t8_emp_ch_more	t8_emp_ch_oth		
## 1	0	0	0	0	0		
## 2	0	0	0	0	0		
## 3	0	0	0	0	0		
## 4	0	0	0	0	0		
## 5	0	0	0	0	0		
## 6	NA	NA	NA	NA	NA		
##	t8_test_self	t8_cov_self_t	t8_cov_self_nt	t8_test_ff	t8_cov_ff_t	t8_cov_ff_nt	
## 1	1	0	1	1	1	1	
## 2	0	-2	0	0	-2	0	
## 3	0	-2	0	1	0	-1	
## 4	0	-2	0	1	0	0	
## 5	1	0	0	1	1	1	
## 6	NA	NA	NA	NA	NA	NA	
##	t8_cov_ff_any	t8_hos_ff_any	t8_hos_cov_ff_any	t8_death_ff_any			
## 1	1	1	1	0			
## 2	0	0	0	0			
## 3	0	0	0	0			
## 4	0	0	0	0			
## 5	1	1	1	0			
## 6	NA	NA	NA	NA			
##	t8_death_cov_ff_any	t8_drink	t8_exerc	t8_slflth	t8_slfmem	t8_promis1	
## 1	0	0	5	3	3	5	
## 2	0	0	6	2	3	5	
## 3	0	3	1	2	3	3	
## 4	0	2	6	3	2	3	
## 5	0	7	3	4	3	5	
## 6	NA	NA	NA	NA	NA	NA	
##	t8_promis2	t8_promis3	t8_promis4	t8_promis5	t8_promis6	t8_RawAbl	t8_TscoreAbl
## 1	5	5	5	4	5	29	62.4

## 2	5	5	4	4	4	27	55.9	
## 3	3	4	4	NA	4	18	47.8	
## 4	3	3	4	3	3	19	44.3	
## 5	5	5	5	5	5	30	66.2	
## 6	NA	NA	NA	NA	NA	NA	NA	
##	t8_promis7	t8_promis8	t8_promis9	t8_promis10	t8_promis11	t8_promis12		
## 1	5	5	5	5	4	5		
## 2	5	5	5	5	5	5		
## 3	3	4	3	4	4	3		
## 4	2	2	2	2	2	2		
## 5	4	5	5	5	5	5		
## 6	NA	NA	NA	NA	NA	NA		
##	t8_RawFun	t8_TscoreFun	t8_lonely1	t8_lonely2	t8_lonely3	t8_lonely_tot		
## 1	29	58.2	1	1	1	3		
## 2	30	63.2	1	1	1	3		
## 3	21	43.3	1	1	2	4		
## 4	12	34.2	1	1	1	3		
## 5	29	56.5	1	1	1	3		
## 6	NA	NA	NA	NA	NA	NA		
##	t8_lonely_fin	t8_cesd1	t8_cesd2	t8_cesd3	t8_cesd4	t8_cesd5	t8_cesd6	t8_cesd7
## 1	0	0	0	0	0	0	0	0
## 2	0	0	0	1	0	0	0	0
## 3	0	0	0	1	0	0	0	0
## 4	0	0	0	1	1	NA	1	0
## 5	0	0	0	1	0	0	0	0
## 6	NA	NA	NA	NA	NA	NA	NA	NA
##	t8_cesd8	t8_cesd_tot	t8_cesd_fin	t8_anx1	t8_anx2	t8_anx3	t8_anx4	t8_anx5
## 1	0	0	0	1	1	1	1	1
## 2	0	1	0	1	1	1	1	1
## 3	0	1	0	3	3	1	3	1
## 4	1	4	1	3	3	1	1	1
## 5	0	1	0	1	2	1	1	1
## 6	NA	NA	NA	NA	NA	NA	NA	NA
##	t8_anx_fin	t8_satisfy	t8_frail_tired	t8_frail_tired_fin	t8_frail_walk1			
## 1	1.0	8	1		0		0	
## 2	1.0	8	1		0		0	
## 3	2.2	NA	1		0		0	
## 4	1.8	6	3		1		0	
## 5	1.2	8	2		0		0	
## 6	NA	NA	NA		NA		NA	
##	t8_frail_walk2	t8_frail_angina	t8_frail_arthritis	t8_frail_asthma				
## 1	0		0		0		0	
## 2	0		0		1		1	
## 3	0		1		1		0	
## 4	0		0		0		0	
## 5	0		0		0		1	
## 6	NA		NA		NA		NA	
##	t8_frail_cancer	t8_frail_ld	t8_frail_chf	t8_frail_diabetes	t8_frail_mi			
## 1	1	0	0		0		0	
## 2	0	0	0		0		0	
## 3	0	0	0		0		0	
## 4	0	0	0		0		0	
## 5	0	0	0		0		0	
## 6	NA	NA	NA		NA		NA	

##	t8_frail_hbp	t8_frail_kd	t8_frail_stroke	t8_frail_ill_fin	t8_frail_weight	
## 1	0	0	0	0	0	
## 2	1	0	0	0	0	
## 3	1	0	0	0	0	
## 4	0	0	0	0	0	
## 5	0	0	0	0	0	
## 6	NA	NA	NA	NA	NA	
##	t8_frail_tot	t8_worry	t8_isolate	t8_interact	t8_wash	t8_mask
## 1	0	3	3	1	3	3
## 2	0	1	3	1	3	3
## 3	0	3	3	0	3	3
## 4	1	3	2	3	3	3
## 5	0	3	1	2	0	2
## 6	NA	NA	NA	NA	NA	NA
##	t8_outside	t8_contact	t8_phone	t8_txtsm	t8_pla_exp_ai	t8_pla_exp_ar
## 1	2	3	0	3	0	0
## 2	2	3	1	3	0	0
## 3	2	1	0	3	0	0
## 4	3	3	3	3	0	0
## 5	1	3	1	3	0	0
## 6	NA	NA	NA	NA	NA	NA
##	t8_pla_exp_ca	t8_pla_exp_com	t8_pla_exp_fr1	t8_pla_exp_fr2	t8_pla_exp_groc	
## 1	0	0	0	0	0	
## 2	0	0	0	0	0	
## 3	0	0	0	0	0	
## 4	0	0	0	0	0	
## 5	0	0	0	0	0	
## 6	NA	NA	NA	NA	NA	
##	t8_pla_exp_health	t8_pla_exp_hosp	t8_pla_exp_mo	t8_pla_exp_gym	t8_pla_exp_ret	
## 1	0	0	0	0	0	
## 2	0	0	0	0	0	
## 3	0	0	0	0	0	
## 4	0	0	0	0	0	
## 5	0	0	0	0	0	
## 6	NA	NA	NA	NA	NA	
##	t8_pla_exp_or	t8_pla_exp_park	t8_pla_exp_pers	t8_pla_exp_worsh		
## 1	0	0	0	0		
## 2	0	0	0	0		
## 3	0	0	0	0		
## 4	0	0	0	0		
## 5	0	0	0	0		
## 6	NA	NA	NA	NA		
##	t8_pla_exp_rest	t8_pla_exp_sc	t8_pla_exp_sp	t8_pla_exp_va	t8_pla_exp_ve	
## 1	0	0	0	0	0	
## 2	0	0	0	0	0	
## 3	0	0	0	0	0	
## 4	0	0	0	0	0	
## 5	0	0	0	0	0	
## 6	NA	NA	NA	NA	NA	
##	t8_pla_exp_wr	t8_pla_exp_fam1	t8_pla_exp_fam2	t8_pla_exp_pharm	t8_pla_exp_oth	
## 1	0	0	0	0	0	
## 2	0	0	0	0	0	
## 3	0	0	0	0	0	
## 4	0	0	0	0	0	

## 5	0	0	0	0	0
## 6	NA	NA	NA	NA	NA
##	t8_pla_exp	t8_pla_exp_tot	t8_contact_exp	t8_contact_exp_tot	attwf8m
## 1	3	0	3	0	1.148406
## 2	2	0	2	0	1.247199
## 3	2	0	3	0	1.247199
## 4	2	0	3	0	1.081509
## 5	3	0	3	0	1.120455
## 6	NA	NA	NA	NA	1.247199
##	pop_attwf8m	t9	t9_dstart	t9_dend	t9_drecord
## 1	9765.74	1	2021-01-07	2021-01-07	2021-01-07
## 2	10580.54	1	2021-02-26	2021-02-26	2021-02-26
## 3	10643.05	1	2021-01-26	2021-01-26	2021-01-26
## 4	17043.04	0	<NA>	<NA>	<NA>
## 5	26226.65	1	2021-01-05	2021-01-05	2021-01-05
## 6	10737.31	1	2021-01-29	2021-01-29	2021-01-29
##	t9_durmin	t9_fin	t9_lang	t9_relat_ch	t9_relat_chnew
## 1	8.416667	True	1	0	0
## 2	9.550000	True	1	0	0
## 3	19.850000	True	1	0	0
## 4	NA	NA	NA	NA	NA
## 5	7.116667	True	1	0	0
## 6	28.133333	True	1	0	0
##	t9_relat_chdiv	t9_relat_chsep	t9_relat_chwid	t9_relat_choth	t9_liv_ch_any
## 1	0	0	0	0	0
## 2	0	0	0	0	0
## 3	0	0	0	0	0
## 4	NA	NA	NA	NA	NA
## 5	0	0	0	0	0
## 6	0	0	0	0	0
##	t9_liv_ch_perm	t9_liv_ch_temp	t9_liv_ch_othmov	t9_liv_ch_vaca	t9_liv_ch_hot
## 1	0	0	0	0	0
## 2	0	0	0	0	0
## 3	0	0	0	0	0
## 4	NA	NA	NA	NA	NA
## 5	0	0	0	0	0
## 6	0	0	0	0	0
##	t9_liv_ch_ins	t9_liv_ch_oth	t9_emp_ch_any	t9_emp_ch_new	t9_emp_ch_lost
## 1	0	0	0	0	0
## 2	0	0	0	0	0
## 3	0	0	0	0	0
## 4	NA	NA	NA	NA	NA
## 5	0	0	0	0	0
## 6	0	0	0	0	0
##	t9_emp_ch_furl	t9_emp_ch_ill	t9_emp_ch_vac	t9_emp_ch_ret	t9_emp_ch_hour
## 1	0	0	0	0	0
## 2	0	0	0	0	0
## 3	0	0	0	0	0
## 4	NA	NA	NA	NA	NA
## 5	0	0	0	0	0
## 6	0	0	0	0	0
##	t9_emp_ch_inc	t9_emp_ch_home	t9_emp_ch_away	t9_emp_ch_less	t9_emp_ch_more
## 1	0	0	0	0	0
## 2	0	0	0	0	0

```

## 3          0          0          0          0          0
## 4         NA         NA         NA         NA         NA
## 5          0          0          0          0          0
## 6          0          0          0          0          0
##   t9_emp_ch_oth t9_test_self t9_cov_self_t t9_cov_self_nt t9_test_ff
## 1          0          1          0          0          1
## 2          0          0         -2          0          0
## 3          0          0         -2          0          0
## 4         NA         NA         NA         NA         NA
## 5          0          1          0          0          1
## 6          0          0         -2          0          1
##   t9_cov_ff_t t9_cov_ff_nt t9_cov_ff_any t9_hos_ff_any t9_hos_cov_ff_any
## 1          1          1          1          0          0
## 2         -2          0          0          0          0
## 3         -2          0          0          1          0
## 4         NA         NA         NA         NA         NA
## 5          1          1          1          1          1
## 6          0          0          0          0          0
##   t9_death_ff_any t9_death_cov_ff_any t9_slflhth t9_slfmem t9_lonely1
## 1          0          0          2          2          1
## 2          0          0          3          3          1
## 3          0          0          2          4          1
## 4         NA         NA         NA         NA         NA
## 5          1          1          3          3          1
## 6          0          0          3          2          2
##   t9_lonely2 t9_lonely3 t9_lonely_tot t9_lonely_fin t9_cesd1 t9_cesd2 t9_cesd3
## 1          1          1          3          0          0          0          0
## 2          1          1          3          0          0          0          1
## 3          1          1          3          0          0          0          0
## 4         NA         NA         NA         NA         NA         NA         NA
## 5          1          1          3          0          0          0          0
## 6          2          2          6          1          0          0          0
##   t9_cesd4 t9_cesd5 t9_cesd6 t9_cesd7 t9_cesd8 t9_cesd_tot t9_cesd_fin t9_anx1
## 1          0          0          0          0          0          0          0          1
## 2          0          0          0          0          0          1          0          1
## 3          0          0          0          0          0          0          0          3
## 4         NA         NA         NA         NA         NA         NA         NA         NA
## 5          0          0          0          0          0          0          0          2
## 6          0          1          0          0          0          1          0          1
##   t9_anx2 t9_anx3 t9_anx4 t9_anx5 t9_anx_fin t9_satisfy t9_worry t9_isolate
## 1          2          1          1          1          1.2          8          1          3
## 2          1          1          1          1          1.0         10          1          3
## 3          2          1          3          1          2.0          7          3          2
## 4         NA         NA         NA         NA         NA         NA         NA         NA
## 5          2          1          1          1          1.4          8          3          0
## 6          1          1          1          1          1.0          6          2          3
##   t9_interact t9_wash t9_mask t9_distance t9_outside t9_contact t9_phone
## 1          1          2          3          3          1          3          1
## 2          1          3          3          3          2          3          2
## 3          1          1          2          2          2          1          1
## 4         NA         NA         NA         NA         NA         NA         NA
## 5          3          3          3          3          1          3          1
## 6          1          3          3          3          2          1          2
##   t9_txtsm t9_pla_exp_ai t9_pla_exp_ar t9_pla_exp_ca t9_pla_exp_com

```


## 1	3	0	0	0	0	
## 2	3	0	0	0	0	
## 3	3	0	0	0	0	
## 4	NA	NA	NA	NA	NA	
## 5	3	0	0	0	0	
## 6	3	0	0	0	0	
##	t9_pla_exp_fr1	t9_pla_exp_fr2	t9_pla_exp_groc	t9_pla_exp_health		
## 1	0	0	0	0		
## 2	0	0	0	0		
## 3	0	0	0	0		
## 4	NA	NA	NA	NA		
## 5	0	0	0	0		
## 6	0	0	0	0		
##	t9_pla_exp_hosp	t9_pla_exp_mo	t9_pla_exp_gym	t9_pla_exp_ret	t9_pla_exp_or	
## 1	0	0	0	0	0	
## 2	0	0	0	0	0	
## 3	0	0	0	0	0	
## 4	NA	NA	NA	NA	NA	
## 5	0	0	0	0	0	
## 6	0	0	0	0	0	
##	t9_pla_exp_park	t9_pla_exp_pers	t9_pla_exp_worsh	t9_pla_exp_rest		
## 1	0	0	0	0		
## 2	0	0	0	0		
## 3	0	0	0	0		
## 4	NA	NA	NA	NA		
## 5	0	0	0	0		
## 6	0	0	0	0		
##	t9_pla_exp_sc	t9_pla_exp_sp	t9_pla_exp_va	t9_pla_exp_ve	t9_pla_exp_wr	
## 1	0	0	0	0	0	
## 2	0	0	0	0	0	
## 3	0	0	0	0	0	
## 4	NA	NA	NA	NA	NA	
## 5	0	0	0	0	0	
## 6	0	0	0	0	0	
##	t9_pla_exp_fam1	t9_pla_exp_fam2	t9_pla_exp_pharm	t9_pla_exp_oth	t9_pla_exp	
## 1	0	0	0	0	3	
## 2	0	0	0	0	3	
## 3	0	0	0	0	3	
## 4	NA	NA	NA	NA	NA	
## 5	0	0	0	0	3	
## 6	0	0	0	0	3	
##	t9_pla_exp_tot	t9_contact_exp	t9_contact_exp_tot	t9_vac_freq	t9_vac_att1	
## 1	0	3	0	1	2	
## 2	0	3	0	3	4	
## 3	0	3	0	3	4	
## 4	NA	NA	NA	NA	NA	
## 5	0	3	0	3	4	
## 6	0	3	0	3	4	
##	t9_vac_att2	t9_vac_att3	t9_vac_att4	t9_vac_att5	t9_vac_att6	t9_vac_att7
## 1	2	2	2	2	2	2
## 2	4	4	4	2	3	4
## 3	4	4	4	3	3	4
## 4	NA	NA	NA	NA	NA	NA
## 5	4	4	3	4	3	4

## 6	4	4	4	2	4	4		
##	t9_vac_att8	t9_vac_att9	t9_vac_att10	t9_vac_agr1	t9_vac_agr2	t9_vac_agr3		
## 1	0	2	2	3	0	2		
## 2	4	1	0	1	1	1		
## 3	4	1	2	0	0	0		
## 4	NA	NA	NA	NA	NA	NA		
## 5	4	4	2	4	4	3		
## 6	4	1	0	0	2	2		
##	t9_vac_agr4	t9_vac_agr5	t9_vac_agr6	t9_vac_agr7	t9_vaccinate1	t9_vaccinate2		
## 1	4	4	3	3	0	1		
## 2	1	1	2	2	0	1		
## 3	2	1	3	3	1	NA		
## 4	NA	NA	NA	NA	NA	NA		
## 5	3	3	4	4	0	1		
## 6	4	3	3	3	0	1		
##	t9_outdoor	t9_pubtran	t9_shop	t9_health	attwf9m	pop_attwf9m	t10	t10_dstart
## 1	7	4	4	2	1.140522	9698.696	1	2021-02-04
## 2	9	4	1	1	1.286637	10915.105	1	2021-03-28
## 3	8	4	1	2	1.237292	10558.511	1	2021-02-20
## 4	NA	NA	NA	NA	1.075250	16944.402	1	2021-02-24
## 5	8	4	2	2	1.112572	26042.133	1	2021-02-02
## 6	6	4	2	2	1.237292	10652.021	1	2021-02-26
##	t10_dend	t10_drecord	t10_progress	t10_dursec	t10_durmin	t10_fin	t10_lang	
## 1	2021-02-04	2021-02-04	100	461	7.683333	True	1	
## 2	2021-03-28	2021-03-28	100	479	7.983333	True	1	
## 3	2021-02-20	2021-02-20	100	822	13.700000	True	1	
## 4	2021-02-24	2021-02-24	100	366	6.100000	True	1	
## 5	2021-02-02	2021-02-02	100	349	5.816667	True	1	
## 6	2021-02-26	2021-02-26	100	752	12.533334	True	1	
##	t10_relatt_ch	t10_relatt_chnew	t10_relatt_chmar	t10_relatt_chdiv	t10_relatt_chsep			
## 1	0	0	0	0	0			
## 2	0	0	0	0	0			
## 3	0	0	0	0	0			
## 4	0	0	0	0	0			
## 5	0	0	0	0	0			
## 6	0	0	0	0	0			
##	t10_relatt_chwid	t10_relatt_choth	t10_liv_ch_any	t10_liv_ch_perm				
## 1	0	0	0	0				
## 2	0	0	0	0				
## 3	0	0	0	0				
## 4	0	0	0	0				
## 5	0	0	0	0				
## 6	0	0	0	0				
##	t10_liv_ch_temp	t10_liv_ch_othmov	t10_liv_ch_vaca	t10_liv_ch_hot				
## 1	0	0	0	0				
## 2	0	0	0	0				
## 3	0	0	0	0				
## 4	0	0	0	0				
## 5	0	0	0	0				
## 6	0	0	0	0				
##	t10_liv_ch_ins	t10_liv_ch_oth	t10_emp_ch_any	t10_emp_ch_new	t10_emp_ch_lost			
## 1	0	0	0	0	0			
## 2	0	0	0	0	0			
## 3	0	0	0	0	0			

```

## 4      0      0      0      0      0
## 5      0      0      1      1      0
## 6      0      0      0      0      0
##   t10_emp_ch_furl t10_emp_ch_ill t10_emp_ch_vac t10_emp_ch_ret t10_emp_ch_hour
## 1      0      0      0      0      0
## 2      0      0      0      0      0
## 3      0      0      0      0      0
## 4      0      0      0      0      0
## 5      0      0      0      0      0
## 6      0      0      0      0      0
##   t10_emp_ch_inc t10_emp_ch_home t10_emp_ch_away t10_emp_ch_less
## 1      0      0      0      0
## 2      0      0      0      0
## 3      0      0      0      0
## 4      0      0      0      0
## 5      0      0      0      0
## 6      0      0      0      0
##   t10_emp_ch_more t10_emp_ch_oth t10_test_self t10_cov_self_t t10_cov_self_nt
## 1      0      0      0      -2      0
## 2      0      0      0      -2      0
## 3      0      0      0      -2      0
## 4      0      0      0      -2      0
## 5      0      0      0      -2      0
## 6      0      0      0      -2      0
##   t10_vac_mo t10_test_ff t10_cov_ff_t t10_cov_ff_nt t10_cov_ff_any
## 1      4      0      -2      0      0
## 2      3      0      -2      0      0
## 3      2      0      -2      0      0
## 4      4      0      -2      0      0
## 5      4      1      1      1      1
## 6      1      1      0      0      0
##   t10_hos_ff_any t10_hos_cov_ff_any t10_death_ff_any t10_death_cov_ff_any
## 1      0      0      0      0
## 2      0      0      0      0
## 3      1      0      0      0
## 4      0      0      0      0
## 5      1      1      0      0
## 6      1      0      0      0
##   t10_drink t10_exerc t10_slfhlth t10_slfmem t10_promis1 t10_promis2
## 1      0      1      3      3      5      5
## 2      4      6      3      3      4      4
## 3      6      6      2      4      5      5
## 4      2      6      2      1      2      2
## 5      9      2      3      3      4      4
## 6      7      6      3      2      4      4
##   t10_promis3 t10_promis4 t10_promis5 t10_promis6 t10_RawAbl t10_TscoreAbl
## 1      5      4      4      5      28      59.3
## 2      4      4      4      4      24      50.8
## 3      5      4      4      5      28      59.3
## 4      2      3      4      2      15      38.8
## 5      4      5      5      5      27      55.2
## 6      5      4      4      5      26      54.6
##   t10_promis7 t10_promis8 t10_promis9 t10_promis10 t10_promis11 t10_promis12
## 1      4      4      4      4      3      4

```

## 2	4	4	4	4	4	5	
## 3	5	5	5	5	3	3	
## 4	2	2	2	1	3	1	
## 5	4	5	5	5	5	5	
## 6	4	5	5	4	4	5	
##	t10_RawFun	t10_TscoreFun	t10_lonely1	t10_lonely2	t10_lonely3	t10_lonely_tot	
## 1	23	46.3	1	1	1	3	
## 2	25	48.5	1	1	2	4	
## 3	26	52.3	1	1	1	3	
## 4	11	32.9	1	1	2	4	
## 5	29	56.5	1	1	1	3	
## 6	27	51.9	2	1	2	5	
##	t10_lonely_fin	t10_cesd1	t10_cesd2	t10_cesd3	t10_cesd4	t10_cesd5	t10_cesd6
## 1	0	0	0	0	0	0	0
## 2	0	0	0	1	0	0	0
## 3	0	0	0	0	0	0	0
## 4	0	0	0	1	1	0	1
## 5	0	0	0	0	0	0	0
## 6	0	0	0	0	0	0	0
##	t10_cesd7	t10_cesd8	t10_cesd_tot	t10_cesd_fin	t10_anx1	t10_anx2	t10_anx3
## 1	0	0	0	0	1	1	1
## 2	0	1	2	0	1	1	1
## 3	0	0	0	0	3	2	1
## 4	1	1	5	1	2	3	1
## 5	0	0	0	0	1	2	1
## 6	0	0	0	0	1	1	1
##	t10_anx4	t10_anx5	t10_anx_fin	t10_satisfy	t10_worry	t10_isolate	t10_interact
## 1	1	1	1.0	9	1	3	0
## 2	1	1	1.0	9	1	3	1
## 3	3	1	2.0	7	2	1	1
## 4	1	1	1.6	5	3	2	2
## 5	1	1	1.2	8	3	1	2
## 6	1	1	1.0	7	2	2	1
##	t10_wash	t10_mask	t10_distance	t10_outside	t10_contact	t10_phone	t10_txtsm
## 1	3	3	3	1	3	1	3
## 2	3	3	3	2	3	1	3
## 3	1	3	2	2	1	NA	2
## 4	3	3	3	3	3	3	2
## 5	3	2	3	3	3	3	3
## 6	3	3	3	1	1	3	3
##	t10_pla_exp_ai	t10_pla_exp_ar	t10_pla_exp_ca	t10_pla_exp_com	t10_pla_exp_fr1		
## 1	0	0	0	0	0		
## 2	0	0	0	0	0		
## 3	0	0	0	0	0		1
## 4	0	0	0	0	0		0
## 5	0	0	0	0	0		0
## 6	0	0	0	0	0		0
##	t10_pla_exp_fr2	t10_pla_exp_groc	t10_pla_exp_health	t10_pla_exp_hosp			
## 1	0	0	0	0			
## 2	0	0	0	0			
## 3	0	0	0	0			
## 4	0	0	0	0			
## 5	0	0	0	0			
## 6	0	0	0	0			

```

##   t10_pla_exp_mo t10_pla_exp_gym t10_pla_exp_ret t10_pla_exp_or
## 1              0              0              0              0
## 2              0              0              0              0
## 3              0              0              0              0
## 4              0              0              0              0
## 5              0              0              0              0
## 6              0              0              0              0
##   t10_pla_exp_park t10_pla_exp_pers t10_pla_exp_worsh t10_pla_exp_rest
## 1              0              0              0              0
## 2              0              0              0              0
## 3              0              0              0              1
## 4              0              0              0              0
## 5              0              0              0              0
## 6              0              0              0              0
##   t10_pla_exp_sc t10_pla_exp_sp t10_pla_exp_va t10_pla_exp_ve t10_pla_exp_wr
## 1              0              0              0              0              0
## 2              0              0              0              0              0
## 3              0              0              0              0              0
## 4              0              0              0              0              0
## 5              0              0              0              0              0
## 6              0              0              0              0              0
##   t10_pla_exp_fam1 t10_pla_exp_fam2 t10_pla_exp_pharm t10_pla_exp_oth
## 1              0              0              0              0
## 2              0              0              0              0
## 3              0              0              0              0
## 4              0              0              0              0
## 5              0              0              0              0
## 6              0              0              0              0
##   t10_pla_exp t10_pla_exp_tot t10_contact_exp t10_contact_exp_tot attwf10m
## 1              3              0              3              0 1.137004
## 2              3              0              3              0 1.231796
## 3              1              2              1              4 1.231796
## 4              3              0              3              0 1.073335
## 5              3              0              3              0 1.109566
## 6              3              0              3              0 1.231796
##   pop_attwf10m t11 t11_dstart   t11_dend t11_drecord t11_progress t11_dursec
## 1      9668.78  1 2021-03-04 2021-03-04 2021-03-04      100      1117
## 2     10449.87  0      <NA>      <NA>      <NA>      NA      NA
## 3     10511.61  1 2021-03-20 2021-03-20 2021-03-20      100      1382
## 4     16914.22  1 2021-03-22 2021-03-22 2021-03-22      100      312
## 5     25971.77  1 2021-03-02 2021-03-02 2021-03-02      100      375
## 6     10604.70  0      <NA>      <NA>      <NA>      NA      NA
##   t11_durmin t11_fin t11_lang t11_relatt_ch t11_relatt_chnew t11_relatt_chmar
## 1     18.61667   True      1          0          0          0
## 2           NA      NA      NA          NA          NA          NA
## 3     23.03333   True      1          0          0          0
## 4      5.20000   True      1          0          0          0
## 5      6.25000   True      1          0          0          0
## 6           NA      NA      NA          NA          NA          NA
##   t11_relatt_chdiv t11_relatt_chsep t11_relatt_chwid t11_relatt_choth
## 1              0              0              0              0
## 2             NA             NA             NA             NA
## 3              0              0              0              0
## 4              0              0              0              0

```

## 5	0	0	0	0	
## 6	NA	NA	NA	NA	
##	t11_liv_ch_any	t11_liv_ch_perm	t11_liv_ch_temp	t11_liv_ch_othmov	
## 1	0	0	0	0	
## 2	NA	NA	NA	NA	
## 3	0	0	0	0	
## 4	0	0	0	0	
## 5	0	0	0	0	
## 6	NA	NA	NA	NA	
##	t11_liv_ch_vaca	t11_liv_ch_hot	t11_liv_ch_ins	t11_liv_ch_oth	t11_test_self
## 1	0	0	0	0	0
## 2	NA	NA	NA	NA	NA
## 3	0	0	0	0	0
## 4	0	0	0	0	1
## 5	0	0	0	0	1
## 6	NA	NA	NA	NA	NA
##	t11_cov_self_t	t11_cov_self_nt	t11_vac_mo	t11_test_ff	t11_cov_ff_t
## 1	-2	0	1	0	-2
## 2	NA	NA	NA	NA	NA
## 3	-2	0	3	0	-2
## 4	0	0	1	1	0
## 5	0	0	1	1	1
## 6	NA	NA	NA	NA	NA
##	t11_cov_ff_nt	t11_cov_ff_any	t11_hos_ff_any	t11_hos_cov_ff_any	
## 1	0	0	0	0	
## 2	NA	NA	NA	NA	
## 3	0	0	0	0	
## 4	0	0	0	0	
## 5	0	1	1	0	
## 6	NA	NA	NA	NA	
##	t11_death_ff_any	t11_death_cov_ff_any	t11_emp_ch_any	t11_emp_ch_new	
## 1	0	0	0	0	
## 2	NA	NA	NA	NA	
## 3	0	0	0	0	
## 4	0	0	0	0	
## 5	1	0	1	1	
## 6	NA	NA	NA	NA	
##	t11_emp_ch_lost	t11_emp_ch_furl	t11_emp_ch_ill	t11_emp_ch_vac	t11_emp_ch_ret
## 1	0	0	0	0	0
## 2	NA	NA	NA	NA	NA
## 3	0	0	0	0	0
## 4	0	0	0	0	0
## 5	0	0	0	0	0
## 6	NA	NA	NA	NA	NA
##	t11_emp_ch_hour	t11_emp_ch_inc	t11_emp_ch_home	t11_emp_ch_away	
## 1	0	0	0	0	
## 2	NA	NA	NA	NA	
## 3	0	0	0	0	
## 4	0	0	0	0	
## 5	0	0	0	1	
## 6	NA	NA	NA	NA	
##	t11_emp_ch_less	t11_emp_ch_more	t11_emp_ch_oth	t11_slfhlth	t11_slfmem
## 1	0	0	0	3	3
## 2	NA	NA	NA	NA	NA

## 3	0	0	0	2	3		
## 4	0	0	0	3	2		
## 5	0	0	0	3	3		
## 6	NA	NA	NA	NA	NA		
##	t11_lonely1	t11_lonely2	t11_lonely3	t11_lonely_tot	t11_lonely_fin	t11_cesd1	
## 1	1	1	1	3	0	0	
## 2	NA	NA	NA	NA	NA	NA	
## 3	1	1	1	3	0	0	
## 4	1	2	1	4	0	0	
## 5	1	1	1	3	0	0	
## 6	NA	NA	NA	NA	NA	NA	
##	t11_cesd2	t11_cesd3	t11_cesd4	t11_cesd5	t11_cesd6	t11_cesd7	t11_cesd8
## 1	0	0	0	0	0	0	0
## 2	NA	NA	NA	NA	NA	NA	NA
## 3	0	0	0	0	0	0	0
## 4	1	1	1	0	1	0	1
## 5	0	0	0	0	0	0	0
## 6	NA	NA	NA	NA	NA	NA	NA
##	t11_cesd_tot	t11_cesd_fin	t11_anx1	t11_anx2	t11_anx3	t11_anx4	t11_anx5
## 1	0	0	1	1	1	1	1
## 2	NA	NA	NA	NA	NA	NA	NA
## 3	0	0	3	1	1	3	1
## 4	5	1	2	3	1	1	1
## 5	0	0	2	2	1	1	1
## 6	NA	NA	NA	NA	NA	NA	NA
##	t11_anx_fin	t11_satisfy	t11_worry	t11_wor_l	t11_wor_v	t11_wor_p	t11_wor_m
## 1	1.0	8	0	4	4	5	3
## 2	NA	NA	NA	NA	NA	NA	NA
## 3	1.8	8	1	1	2	NA	3
## 4	1.6	5	3	3	4	4	3
## 5	1.4	8	2	4	5	5	4
## 6	NA	NA	NA	NA	NA	NA	NA
##	t11_wor_i	t11_wor_o	t11_isolate	t11_interact	t11_wash	t11_mask	t11_distance
## 1	5	5	3	1	3	3	3
## 2	NA	NA	NA	NA	NA	NA	NA
## 3	2	3	0	2	1	2	2
## 4	4	4	0	2	3	3	3
## 5	5	5	1	2	2	2	2
## 6	NA	NA	NA	NA	NA	NA	NA
##	t11_outside	t11_contact	t11_phone	t11_txtsm	t11_pla_exp_ai	t11_pla_exp_ar	
## 1	1	3	1	3	0	0	
## 2	NA	NA	NA	NA	NA	NA	
## 3	3	2	1	1	0	1	
## 4	3	3	1	3	0	0	
## 5	1	1	3	3	0	0	
## 6	NA	NA	NA	NA	NA	NA	
##	t11_pla_exp_ca	t11_pla_exp_com	t11_pla_exp_fr1	t11_pla_exp_fr2			
## 1	0	0	0	0			
## 2	NA	NA	NA	NA			
## 3	0	0	0	0			
## 4	0	0	0	0			
## 5	0	0	0	0			
## 6	NA	NA	NA	NA			
##	t11_pla_exp_groc	t11_pla_exp_health	t11_pla_exp_hosp	t11_pla_exp_mo			

## 1	0	0	0	0			
## 2	NA	NA	NA	NA			
## 3	0	0	0	0			
## 4	0	0	0	0			
## 5	0	0	0	0			
## 6	NA	NA	NA	NA			
##	t11_pla_exp_gym	t11_pla_exp_ret	t11_pla_exp_or	t11_pla_exp_park			
## 1	0	0	0	0			
## 2	NA	NA	NA	NA			
## 3	0	1	0	0			
## 4	0	0	0	0			
## 5	0	0	0	0			
## 6	NA	NA	NA	NA			
##	t11_pla_exp_pers	t11_pla_exp_worsh	t11_pla_exp_rest	t11_pla_exp_sc			
## 1	0	0	0	0			
## 2	NA	NA	NA	NA			
## 3	0	0	1	0			
## 4	0	0	0	0			
## 5	0	0	0	0			
## 6	NA	NA	NA	NA			
##	t11_pla_exp_sp	t11_pla_exp_va	t11_pla_exp_ve	t11_pla_exp_wr	t11_pla_exp_fam1		
## 1	0	0	0	0	0		
## 2	NA	NA	NA	NA	NA		
## 3	0	0	0	0	1		
## 4	0	0	0	0	0		
## 5	0	0	0	1	0		
## 6	NA	NA	NA	NA	NA		
##	t11_pla_exp_fam2	t11_pla_exp_pharm	t11_pla_exp_oth	t11_pla_exp			
## 1	0	0	0	3			
## 2	NA	NA	NA	NA			
## 3	0	0	0	1			
## 4	0	0	0	3			
## 5	0	0	0	1			
## 6	NA	NA	NA	NA			
##	t11_pla_exp_tot	t11_contact_exp	t11_contact_exp_tot	t11_neigh_ev	t11_neigh_sh		
## 1	0	3	0	2	3		
## 2	NA	NA	NA	NA	NA		
## 3	6	3	0	2	3		
## 4	0	3	0	2	3		
## 5	1	1	100	2	2		
## 6	NA	NA	NA	NA	NA		
##	t11_neigh_ea	t11_neigh_he	t11_neigh_ph	t11_neigh_le	t11_neigh_sa	t11_neigh_di	
## 1	3	3	3	2	2	3	
## 2	NA	NA	NA	NA	NA	NA	
## 3	3	3	2	2	2	2	
## 4	3	3	2	2	2	2	
## 5	3	3	3	2	2	2	
## 6	NA	NA	NA	NA	NA	NA	
##	t11_neigh_pe	t11_neigh_ne	attwf11m	pop_attwf11m	t12	t12_dstart	t12_dend
## 1	3	4	1.136141	9661.44	1	2021-04-09	2021-04-09
## 2	NA	NA	1.229390	10429.46	1	2021-06-01	2021-06-01
## 3	2	3	1.277643	10902.85	1	2021-04-24	2021-04-24
## 4	2	3	1.073049	16909.72	1	2021-04-29	2021-04-29
## 5	2	4	1.073049	25117.01	0	<NA>	<NA>

## 6	NA	NA	1.229390	10583.99	1	2021-05-03	2021-05-03
##	t12_drecord	t12_progress	t12_dursec	t12_durmin	t12_fin	t12_lang	t12_relat
## 1	2021-04-09	100	1013	16.883333	True	1	4
## 2	2021-06-01	100	439	7.316667	True	1	4
## 3	2021-04-24	100	1063	17.716667	True	1	4
## 4	2021-04-29	100	1419	23.650000	True	1	4
## 5	<NA>	NA	NA	NA		NA	NA
## 6	2021-05-03	100	1685	28.083334	True	1	2
##	t12_sing_nm	t12_sing_d	t12_sing_w	t12_couple	t12_bldng	t12_bldng2	t12_reside
## 1	0	0	0	1	3	3	1
## 2	0	0	0	1	1	1	1
## 3	0	0	0	1	1	1	1
## 4	0	0	0	1	1	1	2
## 5	NA	NA	NA	NA	NA	NA	NA
## 6	0	1	0	0	3	3	1
##	t12_liv_a	t12_liv_w_sp	t12_liv_w_ch	t12_liv_w_gch	t12_liv_w_fam	t12_liv_w_fr	
## 1	0	1	0	0	0	0	0
## 2	0	1	0	0	0	0	0
## 3	0	1	0	0	0	0	0
## 4	0	1	1	0	0	0	0
## 5	NA	NA	NA	NA	NA	NA	NA
## 6	1	0	0	0	0	0	0
##	t12_liv_w_rm	t12_liv_w_oth	t12_emp_sc	t12_emp_se	t12_emp_pt	t12_emp_ft	
## 1	0	0	0	0	0	0	0
## 2	0	0	0	0	0	0	0
## 3	0	0	0	0	0	0	0
## 4	0	0	0	0	0	1	0
## 5	NA	NA	NA	NA	NA	NA	NA
## 6	0	0	0	0	0	0	0
##	t12_emp_di	t12_emp_le	t12_emp_fa	t12_emp_un	t12_emp_re	t12_emp_pr	t12_emp_oth
## 1	0	0	0	0	1	0	0
## 2	0	0	0	0	1	0	0
## 3	0	0	0	0	1	0	0
## 4	0	0	0	0	0	0	0
## 5	NA	NA	NA	NA	NA	NA	NA
## 6	0	0	0	0	1	0	0
##	t12_test_self	t12_cov_self_t	t12_cov_self_nt	t12_vac_mo	t12_test_ff		
## 1	0	-2	0	2	0		
## 2	0	-2	0	3	1		
## 3	0	-2	0	3	1		
## 4	1	0	0	2	1		
## 5	NA	NA	NA	NA	NA		
## 6	1	0	0	3	1		
##	t12_cov_ff_t	t12_cov_ff_nt	t12_cov_ff_any	t12_hos_ff_any	t12_hos_cov_ff_any		
## 1	-2	0	0	0	0		
## 2	0	0	0	0	0		
## 3	0	0	0	1	0		
## 4	0	0	0	0	0		
## 5	NA	NA	NA	NA	NA		
## 6	0	0	0	1	0		
##	t12_death_ff_any	t12_death_cov_ff_any	t12_drink	t12_exerc	t12_slflhth		
## 1	0	0	0	3	2		
## 2	0	0	1	6	2		
## 3	0	0	5	6	2		

## 4	0	0	1	6	3		
## 5	NA	NA	NA	NA	NA		
## 6	1	0	4	5	3		
##	t12_slfmem	t12_promis1	t12_promis2	t12_promis3	t12_promis4	t12_promis5	
## 1	3	5	5	5	5	4	
## 2	3	4	4	4	4	4	
## 3	4	5	5	5	5	5	
## 4	2	3	3	3	4	4	
## 5	NA	NA	NA	NA	NA	NA	
## 6	1	3	3	4	3	3	
##	t12_promis6	t12_RawAbl	t12_TscoreAbl	t12_promis7	t12_promis8	t12_promis9	
## 1	5	29	62.4	4	5	5	
## 2	4	24	50.8	5	5	5	
## 3	5	30	66.2	5	5	3	
## 4	3	20	44.9	2	3	3	
## 5	NA	NA	NA	NA	NA	NA	
## 6	3	19	44.5	4	3	3	
##	t12_promis10	t12_promis11	t12_promis12	t12_RawFun	t12_TscoreFun	t12_lonely1	
## 1	5	4	4	27	51.8	1	
## 2	5	5	5	30	63.2	1	
## 3	5	5	5	28	55.5	1	
## 4	3	3	3	17	39.2	1	
## 5	NA	NA	NA	NA	NA	NA	
## 6	4	4	4	22	44.7	2	
##	t12_lonely2	t12_lonely3	t12_lonely_tot	t12_lonely_fin	t12_cesd1	t12_cesd2	
## 1	1	1	3	0	0	0	
## 2	1	1	3	0	0	0	
## 3	1	1	3	0	0	0	
## 4	1	1	3	0	0	0	
## 5	NA	NA	NA	NA	NA	NA	
## 6	1	1	4	0	0	0	
##	t12_cesd3	t12_cesd4	t12_cesd5	t12_cesd6	t12_cesd7	t12_cesd8	t12_cesd_tot
## 1	0	0	0	0	0	0	0
## 2	0	0	0	0	0	0	0
## 3	0	0	0	0	0	0	0
## 4	1	0	0	0	0	0	1
## 5	NA	NA	NA	NA	NA	NA	NA
## 6	0	0	1	1	0	0	2
##	t12_cesd_fin	t12_anx1	t12_anx2	t12_anx3	t12_anx4	t12_anx5	t12_anx_fin
## 1	0	1	1	1	1	1	1.0
## 2	0	1	1	1	1	1	1.0
## 3	0	3	2	2	3	2	2.4
## 4	0	1	3	1	1	1	1.4
## 5	NA	NA	NA	NA	NA	NA	NA
## 6	0	1	1	1	1	1	1.0
##	t12_satisfy	t12_worry	t12_isolate	t12_interact	t12_wash	t12_mask	t12_distance
## 1	9	3	2	1	3	3	3
## 2	10	1	2	1	3	2	3
## 3	8	2	0	2	2	2	2
## 4	7	3	0	3	3	3	3
## 5	NA	NA	NA	NA	NA	NA	NA
## 6	3	2	1	1	3	2	3
##	t12_outside	t12_contact	t12_phone	t12_txtsm	t12_contact_tot	t12_contact_fm1	
## 1	1	3	1	3	1	1	

## 2	3	3	2	3	10	0	
## 3	2	2	1	2	8	0	
## 4	3	3	2	1	5	1	
## 5	NA	NA	NA	NA	NA	NA	
## 6	1	1	3	3	6	0	
##	t12_contact_fm2	t12_contact_rm	t12_contact_fr	t12_contact_wr	t12_contact_ne		
## 1	0	0	0	0	0	0	
## 2	1	0	1	0	0	0	
## 3	1	0	1	0	0	1	
## 4	1	0	0	0	0	0	
## 5	NA	NA	NA	NA	NA	NA	
## 6	1	0	1	0	0	1	
##	t12_contact_cm	t12_contact_md	t12_contact_re	t12_contact_oth	t12_pla_tot		
## 1	0	0	0	0	0	2	
## 2	1	0	0	0	0	6	
## 3	0	1	1	0	0	10	
## 4	0	0	0	0	0	7	
## 5	NA	NA	NA	NA	NA	NA	
## 6	0	0	0	0	0	4	
##	t12_pla_ai	t12_pla_ar	t12_pla_ca	t12_pla_cm	t12_pla_fr1	t12_pla_fr2	
## 1	0	0	0	0	0	0	
## 2	0	0	0	0	1	1	
## 3	0	0	0	0	1	0	
## 4	0	0	0	0	1	0	
## 5	NA	NA	NA	NA	NA	NA	
## 6	0	0	0	0	1	1	
##	t12_pla_gr	t12_pla_hl	t12_pla_ho	t12_pla_mo	t12_pla_rc	t12_pla_re	t12_pla_or
## 1	1	1	0	0	0	0	0
## 2	0	0	0	0	0	1	1
## 3	0	1	0	0	0	1	0
## 4	0	1	0	0	1	0	0
## 5	NA	NA	NA	NA	NA	NA	NA
## 6	0	0	0	0	0	0	0
##	t12_pla_pa	t12_pla_pe	t12_pla_wo	t12_pla_ba	t12_pla_sc	t12_pla_sp	t12_pla_va
## 1	1	0	0	0	0	0	0
## 2	1	0	0	1	0	0	0
## 3	1	1	0	1	0	0	0
## 4	0	0	0	0	0	0	0
## 5	NA	NA	NA	NA	NA	NA	NA
## 6	1	0	0	0	0	0	0
##	t12_pla_ve	t12_pla_wr	t12_pla_fm1	t12_pla_fm2	t12_pla_ph	t12_pla_oth	attwf12m
## 1	0	0	0	0	0	0	1.133257
## 2	0	0	1	0	1	0	1.225200
## 3	1	0	0	1	0	0	1.225200
## 4	0	1	1	0	0	0	1.071117
## 5	NA	NA	NA	NA	NA	NA	1.106087
## 6	0	0	0	0	1	0	1.225200
##	pop_attwf12m						
## 1	9636.917						
## 2	10393.909						
## 3	10455.322						
## 4	16879.271						
## 5	25890.338						
## 6	10547.918						

1.2 Part (b)

Here's how to format the dimensions of a figure created by your code.

```
set.seed(0)
x <- rnorm(100)
y <- rnorm(100)
plot(x, y)
```

