COVID-19 Research Project Code Book

Initial code book put together by Paul Hutchings and Katie Sullivan 25th April 2020

If amending the code book please add name and file name of any associated documents in table below

Name	File name(s) if applicable associated with changes
Paul Hutchings/Katie Sullivan 25th April 2020	'Covid19dataset 25th April 2020' Data converted from written to numerical categorical
Paul Hutchings/Katie Sullivan 27th April 2020	SPSS Dataset created 'Covid19 research 27th April 2020' SPSS code document added pp14-16
Paul Hutchings/Katie Sullivan 29th April 2020	SPSS dataset 'Covid19 research 29th April 2020 outliers removed' SPSS results document Syntax 29th April 2020 Code book updated (amendment 3)
Paul Hutchings/Katie Sullivan 30th April 2020	SPSS dataset 'Covid19 research 30th April 2020' Code book updated (amendment 4) – GHQ and
Paul Hutchings/Katie Sullivan 1st May 2020	SPSS dataset 'Covid19 research 1st May 2020' GHQ & BC subscales calculated variables 96-107 total and mean Syntax document updated 'Syntax 1st May 2020' Code book updated (Amendment 5) Descriptive Results document 'Descriptives 1st May 2020'
Paul Hutchings/Katie Sullivan 5th June 2020	Recodes for internet and course satisfaction added to variable list Code book updated (Amendment 6)

Broad dataset information

Number of responses = 703

First response = 6th April 2020

Last response = 24th April 2020

Survey closed 12pm GMT 25th April 2020

Data downloaded into Excel dataset 'Covid19dataset 25th April 2020' – this will be stored as 'Mastercopy 25th April 2020'.

Excel column	Title	Data	Comments
A	Participant number	Participant number	Added by PBH – all saves of document should default to this in lowest to highest order
B	Timestamp	Time/Date	
C	What age group do you belong to?	1=18-21 years old 2=22-25 years old 3=26-29 years old 4=30 years old and above	
D	Which country are you from?	1=Malaysia 2=Thailand 3=Indonesia 4=Philippine 5=United Kingdom 6=United States of America 7=Other	
E	What is your gender?	1=Female 2=Male 3=Don't have a gender 4=None 5=Gender queer	
F	What is your profession?	1=Full time student working on a part time basis 2=Part time student working on a full time basis 3=Full time student with no job 4=Part time student with no job 5=Other	
G	Provide the name of your college/university/higher education institution that you are attending	String (written in)	
H	Provide name of the programme that you are enrolled in	String (written in)	

I	Please rate your level of satisfaction with your current internet accessibility	1=Not satisfied 2=Satisfied 3=Very satisfied	73 non-responses
J	Please rate your level of satisfaction with the online and/or partially online courses you have taken during this COVID-19 crisis	1=Not satisfied 2=Satisfied 3=Very satisfied	73 non-responses
K	During the Movement Control Order (MCO) (also known as Self-Quarantine, Stay at Home Orders, Shelter in Place, or social distancing), have you received any food aid for students who are stranded in your college or university campus?	1=Yes 2=No	
L	Are you satisfied with the meals provided?	1=Yes 2=No 3=Not applicable	168 participants responded 'yes' to the previous question which relates to this, but number of yes/no responses to this question is in excess of that number (417)
M	PSS1 Q11.1 In the last month, how often have you been upset because of something that happened unexpectedly?	0=Never 1=Almost never 2=Sometimes 3=Fairly often 4=Often	Neg
N	PSS2 Q11.2 In the last month, how often have you felt that you were unable to control the important things in your life?	0=Never 1=Almost never 2=Sometimes 3=Fairly often 4=Often	Neg
O	PSS3 Q11.3 In the last month, how often have you felt nervous and 'stressed'?	0=Never 1=Almost never 2=Sometimes 3=Fairly often 4=Often	Neg
P	PSS4	0=Never 1=Almost never 2=Sometimes	Pos Reverse

	Q11.4 In the last month, how often have you felt confident about your ability to handle your personal problems?	3=Fairly often 4=Often	
Q	PSS5 Q11.5 In the last month, how often have you felt that things were going your way?	0=Never 1=Almost never 2=Sometimes 3=Fairly often 4=Often	Pos Reverse
R	PSS6 Q11.6 In the last month, how often have you found that you could not cope with all the things that you had to do?	0=Never 1=Almost never 2=Sometimes 3=Fairly often 4=Often	Neg
S	PSS7 Q11.7 In the last month, how often have you been able to control irritations in your life?	0=Never 1=Almost never 2=Sometimes 3=Fairly often 4=Often	Pos Reverse
T	PSS8 Q11.8 In the last month, how often have you felt that you were on top of things?	0=Never 1=Almost never 2=Sometimes 3=Fairly often 4=Often	Pos Reverse
U	PSS9 Q11.9 In the last month, how often have you been angered because of things that were outside of your control?	0=Never 1=Almost never 2=Sometimes 3=Fairly often 4=Often	Neg
V	PSS10 Q11.10 In the last month, how often have you felt difficulties were piling up so high that you could not overcome them?	0=Never 1=Almost never 2=Sometimes 3=Fairly often 4=Often	Neg So for Q11 overall, higher scores = more negativity
W	GHQ01_SD1 Q12.1 Able to concentrate on what you are doing	0=Less than usual 1=No more than usual 2=Rather more than usual 3=Much more than usual	Pos Reverse
X	GHQ02_AD1 Q12.2 Loss of sleep over worry	0=Less than usual 1=No more than usual	Neg

		2=Rather more than usual 3=Much more than usual	
Y	GHQ03_SD2 Q12.3 Playing a useful role/part	0=Less than usual 1=No more than usual 2=Rather more than usual 3=Much more than usual	Pos Revers
Z	GHQ04_SD3 Q12.4 Capable of making decisions	0=Less than usual 1=No more than usual 2=Rather more than usual 3=Much more than usual	Pos Reverse
AA	GHQ05_AD2 Q12.5 Felt constantly under strain	0=Less than usual 1=No more than usual 2=Rather more than usual 3=Much more than usual	Neg
AB	GHQ06_AD3 Q12.6 Could not overcome difficulties	0=Less than usual 1=No more than usual 2=Rather more than usual 3=Much more than usual	Neg
AC	GHQ07_SD4 Q12.7 Able to enjoy day-to-day activities	0=Less than usual 1=No more than usual 2=Rather more than usual 3=Much more than usual	Pos Reverse
AD	GHQ08_SD5 Q12.8 Able to face problems	0=Less than usual 1=No more than usual 2=Rather more than usual 3=Much more than usual	Pos Reverse
AE	GHQ09_AD4	0=Less than usual	Neg

	Q12.9 Feeling unhappy and depressed	1=No more than usual 2=Rather more than usual 3=Much more than usual	
AF	GHQ10_LC1 Q12.10 Losing confidence	0=Less than usual 1=No more than usual 2=Rather more than usual 3=Much more than usual	Neg
AG	GHQ11_LC2 Q12.11 Thinking of self as a worthless person	0=Less than usual 1=No more than usual 2=Rather more than usual 3=Much more than usual	Neg
AH	GHQ12_SD6 Q12.12 Feeling reasonably happy	0=Less than usual 1=No more than usual 2=Rather more than usual 3=Much more than usual	Pos Reverse So for Q12 overall, higher scores = more negativity
AI	BC1_selfdestract1 DS Q13.1 I've been turning to work or other activities to take my mind off things	0=I haven't been doing this at all 1=I've been doing this a little bit 2=I've been doing this a medium amount 3=I've been doing this a lot	Pos Reverse
AJ	BC2_activecope1 PF Q13.2 I've been concentrating my efforts on doing something about the situation I'm in	0=I haven't been doing this at all 1=I've been doing this a little bit 2=I've been doing this a medium amount 3=I've been doing this a lot	Pos Reverse
AK	BC3_denial1	0=I haven't been doing this at all	Neg

	DS Q13.3 I've been saying to myself 'this isn't real'	1=I've been doing this a little bit 2=I've been doing this a medium amount 3=I've been doing this a lot	
AL	BC4_substanceuse1 DS Q13.4 I've been using alcohol or other drugs to make myself feel better	0=I haven't been doing this at all 1=I've been doing this a little bit 2=I've been doing this a medium amount 3=I've been doing this a lot	Neg
AM	BC5_emosupport1 EF Q13.5 I've been getting emotional support from others	0=I haven't been doing this at all 1=I've been doing this a little bit 2=I've been doing this a medium amount 3=I've been doing this a lot	Pos Reverse
AN	BC6behavedisengage1 DS Q13.6 I've been giving up trying to deal with it	0=I haven't been doing this at all 1=I've been doing this a little bit 2=I've been doing this a medium amount 3=I've been doing this a lot	Neg
AO	BC7_activecope2 PF Q13.7 I've been taking action to try to make the situation better	0=I haven't been doing this at all 1=I've been doing this a little bit 2=I've been doing this a medium amount 3=I've been doing this a lot	Pos Reverse
AP	BC8_denial2 DS	0=I haven't been doing this at all 1=I've been doing this a little bit	Neg

	Q13.8 I've been refusing to believe that it has happened	2=I've been doing this a medium amount 3=I've been doing this a lot	
AQ	BC9_venting1 DS Q13.9 I've been saying things to let my unpleasant feelings escape	0=I haven't been doing this at all 1=I've been doing this a little bit 2=I've been doing this a medium amount 3=I've been doing this a lot	Neg
AR	BC10_instrumentsupport1 PF Q13.10 I've been getting help and advice from other people	0=I haven't been doing this at all 1=I've been doing this a little bit 2=I've been doing this a medium amount 3=I've been doing this a lot	Pos Reverse
AS	BC11_substanceuse2 DS Q13.11 I've been using alcohol or other drugs to help me get through it	0=I haven't been doing this at all 1=I've been doing this a little bit 2=I've been doing this a medium amount 3=I've been doing this a lot	Neg
AT	BC12_positivereframing1 EF Q13.12 I've been trying to see it in a different light, to make it seem more positive	0=I haven't been doing this at all 1=I've been doing this a little bit 2=I've been doing this a medium amount 3=I've been doing this a lot	Pos Reverse
AU	BC13_selfblame1 DS Q13.13 I've been criticizing myself	0=I haven't been doing this at all 1=I've been doing this a little bit	Neg

		2=I've been doing this a medium amount 3=I've been doing this a lot	
AV	BC14_planning1 PF Q13.14 I've been trying to come up with a strategy about what to do	0=I haven't been doing this at all 1=I've been doing this a little bit 2=I've been doing this a medium amount 3=I've been doing this a lot	Pos Reverse
AW	BC15_emosupport2 EF Q13.15 I've been getting comfort and understanding from someone	0=I haven't been doing this at all 1=I've been doing this a little bit 2=I've been doing this a medium amount 3=I've been doing this a lot	Pos Reverse
AX	BC16_behavedisengage2 DS Q13.16 I've been giving up the attempt to cope	0=I haven't been doing this at all 1=I've been doing this a little bit 2=I've been doing this a medium amount 3=I've been doing this a lot	Neg
AY	BC17_positivereframing2 EF Q13.17 I've been looking for something good in what is happening	0=I haven't been doing this at all 1=I've been doing this a little bit 2=I've been doing this a medium amount 3=I've been doing this a lot	Pos Reverse
AZ	BC18_humour1 EF Q13.18 I've been making jokes about it	0=I haven't been doing this at all 1=I've been doing this a little bit	Pos Reverse

		2=I've been doing this a medium amount 3=I've been doing this a lot	
BA	BC19_selfdestract2 DS Q13.19 I've been doing something to think about it less, such as going to movies, watching TV, reading, daydreaming, sleeping, or shopping	0=I haven't been doing this at all 1=I've been doing this a little bit 2=I've been doing this a medium amount 3=I've been doing this a lot	Pos Reverse
BB	BC20_acceptance1 EF Q13.20 I've been accepting the reality of the fact that it has happened	0=I haven't been doing this at all 1=I've been doing this a little bit 2=I've been doing this a medium amount 3=I've been doing this a lot	Pos Reverse
BC	BC21_venting2 DS Q13.21 I've been expressing negative feelings	0=I haven't been doing this at all 1=I've been doing this a little bit 2=I've been doing this a medium amount 3=I've been doing this a lot	Neg
BD	BC22_religion1 EF Q13.22 I've been trying to find comfort in my religion or spiritual beliefs	0=I haven't been doing this at all 1=I've been doing this a little bit 2=I've been doing this a medium amount 3=I've been doing this a lot	Pos Reverse
BE	BC23_instrumentsupport2 PF	0=I haven't been doing this at all 1=I've been doing this a little bit	Pos Reverse

	Q13.23 I've been trying to get advice or help from other people about what to do	2=I've been doing this a medium amount 3=I've been doing this a lot	
BF	BC24_acceptance2 EF Q13.24 I've been learning to live with it	0=I haven't been doing this at all 1=I've been doing this a little bit 2=I've been doing this a medium amount 3=I've been doing this a lot	Pos Reverse
BG	BC25_planning2 PF Q13.25 I've been thinking hard about what steps to take	0=I haven't been doing this at all 1=I've been doing this a little bit 2=I've been doing this a medium amount 3=I've been doing this a lot	Pos Reverse
BH	BC26_selfblame2 DS Q13.26 I've been blaming myself for things that happened	0=I haven't been doing this at all 1=I've been doing this a little bit 2=I've been doing this a medium amount 3=I've been doing this a lot	Neg
BI	BC27_religion2 EF Q13.27 I've been praying or meditating	0=I haven't been doing this at all 1=I've been doing this a little bit 2=I've been doing this a medium amount 3=I've been doing this a lot	Pos Reverse
BJ	BC28_humour2 EF Q13.28 I've been making fun of the situation	0=I haven't been doing this at all 1=I've been doing this a little bit	Pos Reverse

		2=I've been doing this a medium amount 3=I've been doing this a lot	So for Q13 overall, higher scores = more negativity
BK-CL	28 questions that appear to relate to the Q13 questions have responses in this block (73 participants)		Moved directly across into columns AH-BI as this appears to be a programme error in data collection, so data should be valid – will compare responses of these 73 to wider sample to check though

SPSS CODEBOOK

Reverse coding on sub-questions for Q11, Q12, and Q13 make all scales into higher number = more negativity

All non-responses coded as 99 'missing data' in SPSS

Variable number	Variable name	Coding	Recode into	Recode Variable Number
1	Pno			
2	Timestamp			
3	Age			
4	Country			
5	Gender			
6	Profession			
7	Institution_name			
8	Programme			
9	Internet_satisfaction			
10	Course_satisfaction			
11	Food_aid			
12	Food_satisfaction			
13	PSS1			
14	PSS2			
15	PSS3			
16	PSS4	Reverse	Recode_PSS4	63
17	PSS5	Reverse	Recode_PSS5	64
18	PSS6			
19	PSS7	Reverse	Recode_PSS7	65
20	PSS8	Reverse	Recode_PSS8	66
21	PSS9			
22	PSS10			
23	GHQ01_SD1	Reverse	Recode_GHQ01_SD1	67
24	GHQ02_AD1			
25	GHQ03_SD2	Reverse	Recode_GHQ03_SD2	68
26	GHQ04_SD3	Reverse	Recode_GHQ04_SD3	69
27	GHQ05_AD2			
28	GHQ06_AD3			
29	GHQ07_SD4	Reverse	Recode_GHQ07_SD4	70
30	GHQ08_SD5	Reverse	Recode_GHQ08_SD5	71
31	GHQ09_AD4			
32	GHQ10_LC1			
33	GHQ11_LC2			
34	GHQ12_SD6	Reverse	Recode_ GHQ12_SD6	72
35	BC1_DS_selfdistract1	Reverse	Recode_ BC1_DS_selfdistract1	73

36	BC2__PF_activecope1	Reverse	Recode_ BC2__PF_activecope1	74
37	BC3_DS_denial1			
38	BC4__DS_substanceuse1			
39	BC5_EF_emosupport1	Reverse	Recode_ BC5_EF_emosupport1	75
40	BC6_DS_behavedisengage1			
41	BC7_PF_activecope2	Reverse	Recode_ BC7_PF_activecope2	76
42	BC8_DS_denial2			
43	BC9_DS_venting1			
44	BC10_PF_instrumentsupport 1	Reverse	Recode_ BC10_PF_instrumentsupport 1	77
45	BC11_DS_substanceuse2			
46	BC12_EF_positivereframing1	Reverse	Recode_ BC12_EF_positivereframing1	78
47	BC13_DS_selfblame1			
48	BC14_PF_planning1	Reverse	Recode_ BC14_PF_planning1	79
49	BC15_EF_emosupport2	Reverse	Recode_ BC15_EF_emosupport2	80
50	BC16_DS_behavedisengage2			
51	BC17_EF_positivereframing2	Reverse	Recode_ BC17_EF_positivereframing2	81
52	BC18_EF_humour1	Reverse	Recode_ BC18_EF_humour1	82
53	BC19_DS_selfdistract2	Reverse	Recode_ BC19_DS_selfdistract2	83
54	BC20_EF_acceptance1	Reverse	Recode_ BC20_EF_acceptance1	84
55	BC21_DS_venting2			
56	BC22_EF_religion1	Reverse	Recode_ BC22_EF_religion1	85
57	BC23_PF_instrumentsupport 2	Reverse	Recode_ BC23_PF_instrumentsupport 2	86
58	BC24_EF_acceptance2	Reverse	Recode_ BC24_EF_acceptance2	87
59	BC25_PF_planning2	Reverse	Recode_ BC25_PF_planning2	88
60	BC26_DS_selfblame2			
61	BC27_EF_religion2	Reverse	Recode_ BC27_EF_religion2	89
62	BC28_EF_humour2	Reverse	Recode_ BC28_EF_humour2	90
63	Recode_PSS4			
64	Recode_PSS5			
65	Recode_PSS7			
66	Recode_PSS8			
67	Recode_GHQ01_SD1			
68	Recode_GHQ03_SD2			
69	Recode_GHQ04_SD3			

70	Recode_GHQ07_SD4			
71	Recode_GHQ08_SD5			
72	Recode_GHQ12_SD6			
73	Recode_BC1_DS_selfdistract1			
74	Recode_BC2_PF_activecope1			
75	Recode_BC5_EF_emosupport1			
76	Recode_BC7_PF_activecope2			
77	Recode_BC10_PF_instrumentsupport1			
78	Recode_BC12_EF_positiveframing1			
79	Recode_BC14_PF_planning1			
80	Recode_BC15_EF_emosupport2			
81	Recode_BC17_EF_positiveframing2			
82	Recode_BC18_EF_humour1			
83	Recode_BC19_DS_selfdistract2			
84	Recode_BC20_EF_acceptance1			
85	Recode_BC22_EF_religion1			
86	Recode_BC23_PF_instrumentsupport2			
87	Recode_BC24_EF_acceptance2			
88	Recode_BC25_PF_planning2			
89	Recode_BC27_EF_religion2			
90	Recode_BC28_EF_humour2			
91	Q11total			
92	Q12total			
93	Q13total			
94	Outliers		Removal of outliers within-subjects – 18 participants removed	
95	IndColl		Grouping Individualistic (1) & Collectivistic (2) cultures	
96	GHQ_SocDys_total		Variables 67-72 (so reverse scored)	
97	GHQ_SocDys_mean			
98	GHQ_AnxDep_total		Variables 24,27,28,31	
99	GHQ_AnxDep_mean			
100	GHQ_LossConf_total		Variables 32,33	
101	GHQ_LossConf_mean			

102	BC_EmoFoc_total		Variables 39, 46, 49, 51, 52, 54, 56, 58, 61, 62	
103	BC_EmoFoc_mean			
104	BC_ProbFoc_total		Variables 36, 41, 44, 48, 57, 59	
105	BC_ProbFoc_mean			
106	BC_DysStrat_total		Variables 35, 37, 38, 40, 42, 43, 45, 47, 50, 53, 55, 60	
107	BC_DysStrat_mean			
108	PSS_total		Variables 13, 14, 15, 18, 21, 22, 63, 64, 65, 66	
109	GHQ_total		Variables 24, 27, 28, 31, 32, 67-72	
110	BC_total		Variables 35-62	
111	filter		Country<7 to exclude any data from countries listed as 'other'	
112	PSS_mean1		Mean calculation of PSS score	
113	Intersatisfaction_recode		Recode of Variable 9 to create binary not satisfied/satisfied variable	
114	Coursesatisfaction_recode		Recode of Variable 10 to create binary not satisfied/satisfied variable	

Syntax List

Line	Syntax Code	Notes
3	Reliability Q11	
12	Reliability Q12	
21	Reliability Q13	
34	Compute Q11total mean	
39	Compute Q12total mean	
45	Compute Q13total mean	
55	Examine variables Boxplot	
63	Correlations Q11, 12, & 13 total	

Outliers from Boxplot

Q11 = 377, 395, 436, 460, 494, 554, 571, 573, 586, 592, 435, 400,

Q12 = 487, 494, 571, 583

Q13 = 336, 487, 678, 425, 419