**Social Environment and Cognitive Health in Urban and Rural Areas (SECHURA) Study
Ecological Momentary Assessment (EMA) module**
Wave 1 Codebook [Indiana, USA], November 2023 – March 2024

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notificationtime   Date and time of initial notification

Type: String (str16)

Unique values: 5,510   Missing "": 0/5,788

Examples: "11/17/2023 14:33"
"11/30/2023 15:30"
"12/22/2023 16:11"
"2/12/2024 9:55"

Warning: Variable has embedded blanks.

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sessionname   Session Name

Type: String (str7)

Unique values: 2   Missing "": 0/5,788

Tabulation: Freq. Value
4,385 "Daytime"
1,403 "Morning"

Note: Participants are prompted with 1 "Morning" session and 3 "Daytime" sessions per day. Morning sessions are randomly assigned between the hours of 8:00am and 10:00am. Daytime sessions are randomly assigned between the hours of 12:00pm and 8:00pm. Each daytime session occurs no sooner than 120 minutes apart.

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sessioninstanceresponselapse   Session Instance Response Lapse
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Type: String (str8)

Unique values: 920   Missing "": 0/5,788

Examples: "0:00:13"
"0:00:26"
"0:01:25"
"0:05:49"

Note: Length of time between initial phone notification and the time that participant started the EMA survey.

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sessionlength   Session Length

Type: String (str8)

Unique values: 333   Missing "": 0/5,788

Examples: "0:00:35"
"0:00:53"
"0:01:17"
"0:01:51"

Note: Length of time it took to complete EMA survey.

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remindersdelivered   Number of reminder notifications delivered
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Type: Numeric (byte)

Range: [0,3]   Units: 1
Unique values: 4   Missing .: 0/5,788

Tabulation: Freq. Value
3,912 0
916 1
447 2
513 3

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where   Where were you when you heard the notification?

Type: Numeric (byte)
Label: where

Range: [1,11]   Units: 1
Unique values: 11   Missing .: 118/5,788

Examples:

1	My home	7	Library
2	Someone else's home	8	Park
3	Workplace	9	Somewhere else outdoors
4	Restraurant/bar/café	10	Healthcare facility
5	Store	11	Other
6	Place of worship		

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activity   What were you doing when you heard the notification?

Type: Numeric (byte)
Label: activity

Range: [1,10]   Units: 1
Unique values: 10   Missing .: 118/5,788

Examples:
1   Eating/drinking
2   Socializing
3   Relaxing
4   Working
5   Shopping
6   Household chores
7   Volunteering
8   Transporting (e.g., car, bus, bike)
9   Medical care
10   Other

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information   I was being exposed to new information or recommendations
                                       when I heard the notification.

Sliding scale from 1 (Nothing new at all) to 10 (New information / recommendations)

Type: Numeric (byte)

Range: [1,10]   Units: 1
Unique values: 10   Missing .: 118/5,788

Mean: 4.20529
Std. dev.: 2.94187

Percentiles: 10%   25%   50%   75%   90%
                1   1   3   7   8

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newperspect   I was being challenged to consider a new perspective when I
                                               heard the notification.

Sliding scale from 1 (No new perspective) to 10 (Completely new perspective)

Type: Numeric (byte)

Range: [1,10]   Units: 1
Unique values: 10   Missing .: 118/5,788

Mean: 3.83492
Std. dev.: 2.77127

Percentiles:	10%	25%	50%	75%	90%
	1	1	3	6	8

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cogeff   I was using a lot of cognitive effort when I heard the notification.

Sliding scale from 1 (Lowest cognitive effort) to 10 (Highest cognitive effort)

Type: Numeric (byte)

Range: [1,10]   Units: 1
Unique values: 10   Missing .: 118/5,788

Mean: 4.3231
Std. dev.: 2.70643

Percentiles:	10%	25%	50%	75%	90%
	1	2	4	7	8

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interacting   Were you interacting with anyone (face-to-face or
                                 telecommunication) when you heard the notification?

Type: Numeric (byte)
Label: interacting

Range: [0,1]   Units: 1
Unique values: 2   Missing .: 120/5,788

Tabulation: Freq. Numeric Label
3,398   0 No (alone)
2,270   1 Yes (with people)
120   .

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numint   Approximately how many people were you interacting with when
                                      you heard the notification?

Type: Numeric (int)

Range: [0,200]   Units: 1
Unique values: 36   Missing .: 121/5,788

Mean: 1.27422
Std. dev.: 5.83228

Percentiles: 10%   25%   50%   75%   90%
0   0   0   1   3
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who   Which of the following types of people were you interacting with
                                       when you heard the notification? (Select all that apply)

Type: Numeric (byte)

Examples: 1   My home
1   Spouse/romantic partner
2   Parent (include step- or in-law)
3   Sibling (include step- or in-law)
4   Child (include step- or in-law)
5   Grandchild/great-grandchild
6   Other relative
7   Friend
8   Co-worker, colleague, employer, employee
9   Neighbor
10   Fellow church group member
11   Fellow group member (sports, social, leisure club, etc.)
12   Fellow volunteer
13   Professionals (health care provider, lawyer, accountant, etc.)
14   Acquaintance
15   Stranger (i.e., someone you are meeting for the first time)
16   Other

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modeint   How were you interacting with this person(s)?

Type: Numeric (byte)
Label: modeint

Range: [1,3]   Units: 1
Unique values: 3   Missing .: 3,518/5,788

Tabulation: Freq. Numeric Label
1,845   1 Face-to-face
313   2 Telecommunication
112   3 Both
3,518   .

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moodint   My mood was good because of this social interaction.

Sliding scale from 1 (Worst mood) to 10 (Best mood)

Type: Numeric (byte)

Range: [1,10]   Units: 1
Unique values: 10   Missing .: 3,518/5,788

Mean: 7.74846
Std. dev.: 1.87128

Percentiles: 10%   25%   50%   75%   90%
5   7   8   9   10

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stressint   I felt stressed because of this social interaction.

Sliding scale from 1 (No stress at all) to 10 (Very stressed)

Type: Numeric (byte)

Range: [1,10]   Units: 1
Unique values: 10   Missing .: 3,518/5,788

Mean: 2.57621
Std. dev.: 2.13104

Percentiles: 10%   25%   50%   75%   90%
1   1   2   3   6

6

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close   I felt a close, personal connection during this social interaction.

Sliding scale from 1 (No closeness at all) to 10 (Very close)

Type: Numeric (byte)

Range: [1,10]   Units: 1
Unique values: 10   Missing .: 3,518/5,788

Mean: 7.22115
Std. dev.: 2.43677

Percentiles:	10%	25%	50%	75%	90%
3	6	8	9	10	

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near   Approximately how many people were nearby who you were neither talking to nor interacting with. (Example: People nearby in a park) Include face-to-face and telecommunication.

Type: Numeric (long)

Range: [0,16000]   Units: 1
Unique values: 47   Missing .: 3,518/5,788

Mean: 13.515
Std. dev.: 339.131

Percentiles:	10%	25%	50%	75%	90%
0	0	1	3	10	

----
total   Approximately how many people did you talk to or interact with yesterday?

Type: Numeric (int)

Range: [0,1000]   Units: 1
Unique values: 59   Missing .: 4,385/5,788

Mean: 13.469
Std. dev.: 43.4846

Percentiles:	10%	25%	50%	75%	90%
1	3	6	12	25	