

July 2, 2020

NOTE TO THE REVIEWER OF: OMB CLEARANCE #1220-0141
 “Cognitive and Psychological Research”

FROM: Bill Mockovak
 Survey Methodologist
 Office of Survey Methods Research

SUBJECT: Submission of Materials for Cognitive
 Testing of the Revised ATUS Lexicon

Please accept the enclosed materials for approval under the OMB clearance package 1220-0141, “Cognitive and Psychological Research.” In accordance with our agreement with OMB, we are submitting a brief description of the research, and the materials to be used in the research.

The maximum number of burden hours is estimated to be 283.

If there are any questions regarding this project, please contact Bill Mockovak at (202) 691-7414.

Attachments

- 1 - The complete, simplified ATUS lexicon
- 2 - 35 time-use activities that will be coded by participants
- 3 - Instructions for Amazon’s Mechanical Turk (MTurk) Participants
- 4 - Activities to be coded in Focused Navigation Testing
- 5 - Instructions for the MTurk Screening Survey

I. Introduction and Purpose

The American Time Use Survey (ATUS) has been conducted solely via Computer Assisted Telephone Interviewing (CATI) since the survey began in 2003. ATUS management is considering adding a self-administered, web-based collection tool such that the ATUS would become a mixed-mode, CATI and web-based survey. The ATUS's reliance on CATI has become a liability in recent years, as people have become less willing to answer their phones and participate in phone-based interviews. Additionally, the COVID-19 pandemic demonstrated the risk associated with ATUS's dependence on a centralized call center when it closed in mid-March 2020 and ATUS interviews ceased.

The ATUS sample is drawn from households that have completed Wave 8 of the Current Population Survey (CPS). A specific person within the retired CPS household is selected and this person is then assigned a day of the week for an ATUS interview. The core of the ATUS is a 24-hour diary in which interviewers use conversational interviewing methods to elicit information about the activities respondents did on the day before the interview, who they were with, and where they were.

Other time-use surveys around the world have experimented with the use of self-administered web-based diaries, and this option has appealed to certain cohorts of respondents, especially young adults and those who like the flexibility of responding on their own schedule. However, there are challenges unique to the self-administered mode. When describing what they did during the day, respondents could be given the option of entering open-ended descriptions of their activities or, when possible, selecting from a list of predefined activities/categories. Selecting from a list of predefined activities would ease reporting and reduce burden but runs the risk of introducing measurement bias if the list does not fully capture what respondents do and how they verbalize their activities.

The current ATUS Activity Coding Lexicon is a 3-tiered, time-use classification system with 17 first-tier categories and over 300 activity categories.¹ Each of the first-tier categories has two additional levels of detail. Respondents' reported activities are assigned 6-digit activity codes based on this classification system. In the current use of CATI for data collection, interviewers identify some common activities as they are collected during the interview (for example, sleeping, personal care, working) but enter verbatim descriptions of less commonly occurring activities and assign codes to the activities after the interview has been completed.

The ATUS program recognizes that portions of the current coding system are detailed and complex and would be too burdensome for self-coding by untrained respondents. To address this issue, an effort is currently underway to simplify and streamline the lexicon and to revise or eliminate categories (codes) that are infrequently used or have proven to be of little analytical value to data users. The purpose of the research described in this clearance is to cognitively test the revised lexicon to determine how well it holds together conceptually and if additional steps need to be taken to simplify it. As testing progresses, it is likely that small changes will be made to the lexicon. For example, some existing categories may be renamed, whereas others might be consolidated or reordered. However, the scope of the content will remain the same.

¹ ATUS Lexicon: <https://www.bls.gov/tus/lexicons.htm>

II. Methodology

Participants for the proposed testing will be recruited through Amazon’s Mechanical Turk (MTurk)² for both the navigation and card-sorting tasks. The various tests are listed below:

Test	Purpose
Navigation Test 1	How well does an alphabetical ordering of Tier 1 activities work?
Navigation Test 2	How well does ordering Tier 1 activities by frequency of use work?
Navigation Test 3	Focused test of select ATUS tier 1 categories
Navigation Test 4	Impact of adding an “other” category to the Tier 1 categories
Hybrid Card Sort 1	Determine how well exemplars fall into select Tier 1 categories
Hybrid Card Sort 2	Determine how well exemplars fall into select Tier 1 categories

The proposed tests are described in detail in following sections. Each of the tests described will use participants from Amazon’s Mechanical Turk (MTurk).

Screening Survey

To ensure that higher quality MTurk participants are recruited, SurveyMonkey will be used to conduct an initial 2-minute, online survey prior to each test that asks for age, current employment status, number of children under 16 living in the household, and an open-ended question asking for a description of the most recent task that participants completed on MTurk.

Results from this survey will be used to screen participants for the quality of their response. Only participants who have submitted quality data will be allowed to complete the next task, which will be either a navigation task or card-sorting task, depending on the test (see Attachment 5 for the screening instrument). We estimate that 163 people will need to be screened prior to each of the six tests to provide the 125 participants required for each test.

IIA. Navigation Test 1

1. Research Objective

Determine how well the simplified ATUS lexicon works for self-coding of time-use activities. An alphabetical ordering of Tier 1 activities will be used as shown in the Method section that follows.

2. Method

Navigation, or tree testing, will tell us how easily a general population can categorize common time-use activities using the revised ATUS lexicon. A tool called TreeJack will be used to run

² <https://www.mturk.com/>

the navigation test.³ Correctly categorizing descriptions of how people use their time will be a critical step in the completion of a self-administered diary. Navigation testing will help answer the following three questions about the menu:

1. Do the categories make sense to people?
2. Is the content grouped logically?
3. Can people find the category they want easily and quickly? If not, why not? What is distracting or misleading them?

The Tier 1 codes of the revised lexicon are shown in the table below. The complete lexicon is shown in Attachment 1.

Time-use Activity
Caring for and helping children
Caring for and helping adults
Cleaning and repair services for vehicles and the household
Communications, not in-person (phone, video calls, messaging, e-mails, mail)
Driving or other travel
Eating and drinking
Educational activities
Household activities
Haircuts, massages, manicures, or other personal services s
Professional and medical services
Religious and spiritual activities
Shopping
Sleeping and own personal care
Socializing, relaxing, and leisure
Sports, exercise, and recreation
Using government services and participating in civic obligations
Volunteering for an organization
Working and related activities

Attachment 2 lists the 35 time-use activities that will be coded by participants. These activities were selected to test the full lexicon.

3. Participants

125 participants will be recruited through Amazon’s Mechanical Turk (MTurk) service. A general audience of adults (18 or older) will be recruited.

4. Analysis of Navigation Task 1

The following measures will be used to evaluate results from the navigation testing:

- **Direct success.** This measure is defined as users who read the task and select the right code without trying any incorrect categories.

³ https://www.optimalworkshop.com/?gclid=EAIaIQobChMIxN3u8oas6gIVAYnICh3j1gw-EAAAYASAAEgIcHfD_BwE

- **Time required for direct success.** This is defined as time elapsed from start to end of the task.
- **Indirect success.** This is defined as users who try different branches within the tree before selecting the correct code.
- **Time required for indirect success.** This is defined as time elapsed from start to end of the task.
- **Failure.** This is defined as users who select the wrong code as the final answer.
- **Whether the user ever tried the correct Tier 1 category.**
- **Whether the user selected the correct Tier 1 category but then selected an incorrect code.**
- **Time required for failure.** This is defined as time elapsed from start to end of the task.
- **Major Distractors.** This identifies which incorrect Tier 1 codes were selected at the start of a task.
- **Skip.** This is defined as a user who gives up on the task entirely.

5. Instructions

Instructions for the navigation task are shown in Attachment 3.

6. Burden and Costs for Navigation Test 1

As mentioned previously, past experience has shown us that poor quality responses can be a problem using MTurk participants. Therefore, an initial two-minute screening survey will be used to screen MTurk participants to see if they provide quality responses. Respondents to the screening survey will receive 20 cents (10 cents per minute) to complete the screening survey. Including MTurk's administrative fee of 40%, the total cost per participant for the screening survey will be \$0.28. Based on past experience, we estimate that we will need to screen about 163 people to obtain the 125 required for each study.

The actual navigation test is expected to take an average of 20 minutes to complete. MTurk participants will receive \$3.00 for participating in this test (15 cents per minute to encourage greater effort). Since MTurk charges a commission fee of 40%, the cost per case for this test will be \$4.20. The total cost per participant including the screening survey will be \$4.48.

The costs and burden hours are summarized below:

- Burden hours for screening survey = 5.4 hours
- Burden hours for test = 41.7 hours.
- Each MTurk participant will receive \$3.00 for completing the navigation task and \$0.20 for completing the screener (\$3.20 total).
- Total cost per participant = \$4.48, including a 40% MTurk administrative fee

These costs per participant and burden hours apply to each of the four navigation tests and two card-sorting tasks since they were designed to take the same amount of time.

IIB. Navigation Test 2

1. Research Objective

Test 2 will investigate whether ordering the menu items by their actual frequency of use in the ATUS Survey results in better, the same, or worse performance compared to the alphabetical ordering used in Navigation Test 1.

2. Method

The Tier 1 codes of the revised lexicon ordered by reported frequency of use in the actual ATUS data are shown in the table below.

Activities Ordered by Frequency of Occurrence in ATUS
Sleeping and own personal care
Driving or other travel
Socializing, relaxing, and leisure
Household activities
Eating and drinking
Caring for and helping children
Caring for and helping adults
Working and related activities
Shopping
Sports, exercise, and recreation
Communications, not in-person (phone, video calls, messaging, e-mails, mail)
Religious and spiritual activities
Volunteering for an organization
Educational activities
Professional and medical services
Personal care services (this had previously been combined with the category above)
Cleaning and repair services for vehicles and the household
Using government services and participating in civic obligations

3. Participants

125 participants will be recruited through Amazon's Mechanical Turk (MTurk) service. A general audience of adults (18 or older) will be recruited.

4. Instructions

Instructions for this navigation task are shown in Attachment 3.

5. Analysis

The analytical approach described in Navigation Test 1 will be used.

6. Burden and Costs for Navigation Test 2

The same burden and cost estimates apply as for Navigation Test #1.

IIC. Navigation Test 3

1. Research Objective

The purpose of Navigation Test 3 is to focus on time-use activities that occur in a selected set of 2-digit categories. These categories are of special interest to ATUS staff so additional coding descriptions are used.

2. Method

The time-use activities that will be tested are shown in Attachment 4. In addition, 16 other time-use activities will be added based on results from Navigation Tests #1 and #2. The additional activities will allow us to retest different portions of the lexicon.

3. Analysis

The analytical approach described in Navigation Test 1 will be used.

4. Burden and Costs for Navigation Test 3

The same burden and cost estimates apply as for Navigation Test #1.

IID. Navigation Test 4

1. Research Objective

After determining which ordering of the lexicon's Tier 1 categories works best (alphabetical vs. frequency), a final test will be conducted with the "other" category present at the Tier 1(2-digit level). This test should inform us if including an "other" category at this level affects accuracy.

2. Method

Attachment 2 lists the 35 time-use activities that will be coded by participants.

3. Analysis

The analytical approach described in Navigation Test 1 will be used. The analysis will also focus on which descriptions are assigned the "other" code. This will help identify time-use activities that participants have difficulty assigning codes using the current lexicon. We can also look at results for these more problematic descriptions from Navigation Tests 1 and 2 to find out how accurately these descriptions were coded in those tests.

4. Burden and Costs for Navigation Test 4

The burden and cost estimates are the same as for Test 1.

IIE. Hybrid Card Sorting Tests 1 and 2

1. Research Objective

Card sorting will help determine how well the revised lexicon captures a wide variety of time-use activities. Card sorting will also help identify areas of conceptual confusion, as well as new categories that might be needed.

2. Method

In a hybrid card sorting test, participants sort a list of activities into predefined categories and also have the option of creating and naming new categories if they believe the current set of categories is inadequate.

Because general testing guidelines suggest limiting the number of items to be sorted to between 30 and 60, two hybrid card sorting tests will be used to determine how well the current lexicon categories work. The time-use activities to be sorted will come from the revised coding lexicon (4- and 6-digit examples) as shown in Attachment 2.

3. Test 1 (54 activities)

- Includes categories 1, 2, 3, and 4, 18
 - 01 Sleeping and own personal care (5)
 - 02 Household activities (12)
 - 03 Caring for household children (10)
Caring for and helping household adults (4)
 - 04 Caring for nonhousehold children (10)
Caring for nonhousehold adults (9)
 - 14 Religious and spiritual activities (3)
 - 18 Driving or other travel (1)

4. Test 2 (57 activities)

- Includes categories 5, 6, 7, 8, 9, 10, 11, 12, 13, 16
 - 05 Working and related activities (5)
 - 06 Educational activities (6)
 - 07 Shopping (3)
 - 08 Using professional and personal care services (4)
 - 09 Cleaning and repair services for vehicles and the household (1)
 - 10 Using government services and participating in civic obligations (1)
 - 11 Eating and drinking (1)
 - 12 Socializing, relaxing, and leisure (14)
 - 13 Sports, exercise, and recreation (12)
 - 15 Volunteering for an organization (5)
 - 16 Communications, not in-person (phone, video calls, messaging, and e-mails) (5)

5. Analysis

Card sorting is useful for discovering how people expect to see information categorized and also how they differ in their understanding of different concepts. The results will help us answer the following questions:

- Which time-use activities are misplaced or placed in newly created categories?
- What logic do participants follow in any new categories they've created?
- Which activities are consistently placed together in the correct category?
- Which activities are never put together, and are thus considered conceptually different by all participants?

- Do people suggest different labels for the categories?

6. Burden Hours and Costs for the Hybrid Card Sorting Task

The approach used for recruiting participants in the navigation tests will be used in both card-sorting tests. Therefore, the burden and cost estimates are the same as in the navigation tests.

III. Participants

125 participants will be recruited for each test through Amazon’s Mechanical Turk (MTurk) service. A general audience of adults (18 or older) will be recruited.

IV. Burden Hours

A total of 978 participants will be screened and 750 will complete a test. The screening survey is expected to take 2 minutes and follow-up tasks are expected to take an average of 20 minutes per respondent.

A summary of the various tests, maximum number of participants, and burden hours are listed below:

Test	Purpose	No. of Participants	Minutes	Burden Hours
Screening Tests	To determine eligibility for the tests below	978	2	32.6
Navigation Test 1	How well does an alphabetical ordering of Tier 1 activities work?	125	20	41.7
Navigation Test 2	How well does ordering Tier 1 activities by frequency of use work?	125	20	41.7
Navigation Test 3	Focused test of select ATUS tier 1 categories	125	20	41.7
Navigation Test 4	Impact of adding an “other” category to the Tier 1 categories	125	20	41.7
Hybrid Card Sort 1	Determine how well exemplars fall into select Tier 1 categories	125	20	41.7
Hybrid Card Sort 2	Determine how well exemplars fall into select Tier 1 categories	125	20	41.7
	Total	978*		282.8

***Participants for each test are a subset of those screened.**

V. Payment to Respondents and Data Confidentiality

Payments to MTurk participants are summarized in the table below:

Test	No. of Participants	Payment to Participants	Total, including MTurk admin fee
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Screening Survey (one for each test)	978*	\$0.20	\$0.28
Navigation Test 1	125	\$3.00	\$4.20
Navigation Test 2	125	\$3.00	\$4.20
Navigation Test 3	125	\$3.00	\$4.20
Navigation Test 4	125	\$3.00	\$4.20
Hybrid Card Sort 1	125	\$3.00	\$4.20
Hybrid Card Sort 2	125	\$3.00	\$4.20
	Total = 750		

*We estimate that 30% of the screened MTurk participants will be rejected

Participants will be informed of the OMB number and the voluntary nature of the study.

This voluntary study is being conducted by the Bureau of Labor Statistics under OMB No. 1220-0141 (*Expiration Date: March 31, 2021*). Without this currently approved number, we could not conduct this study. This study will take approximately 20 minutes to complete. The BLS cannot guarantee the protection of study responses and advises against the inclusion of sensitive personal information in any response. This study is being administered by MTurk and resides on a server outside of the BLS Domain. Your participation is voluntary, and you have the right to stop at any time.

Attachments

Attachment 1 – The complete simplified ATUS lexicon

Attachment 2 – 35 time use activities

Attachment 3 – Instructions for Participants

Attachment 4 – Activities to be coded for focused navigation

Attachment 5 - Instructions for the MTurk Screening Survey

Attachment 1 – The complete, simplified ATUS lexicon

Sleeping or own personal care

- Sleeping
- Sleeplessness
- Washing, dressing, or grooming oneself
- Health-related self care
- Personal, private activities

Household (things you do in and around your home) activities

- Interior cleaning
- Laundry, ironing, or mending textiles
- Storing, moving, or unpacking items, including groceries
- Food or drink preparation or presentation
- Kitchen or food clean-up
- Home decoration, maintenance, or repair
- Lawn, garden, or houseplant care
- Pet care including general care for animals or pets (not veterinary care)
- Walking, exercising, or playing with animals
- Vehicle, appliance, tool, or toy maintenance or setup
- Household or personal organization, planning, or finances
- Other household activities

Caring for or helping others

Caring for or helping children

- Physical care for children
- Reading to or with children
- Playing or doing arts, crafts, or sports with children
- Talking with or listening to children
- Supervising children (as a primary activity)
- Attending children's events
- Picking up or dropping off children
- Activities related to children's education
- Activities related to children's health
- Other care for children

Follow-up Probe:

- Who live in your household
- Who do not live in your household

Caring for or helping adults

- Physical care for adults
- Providing or obtaining medical care for adults
- Picking up or dropping off adults
- Other caring or helping activities for adults
- Animal or pet care assistance for adults
- Vehicle or appliance maintenance or repair assistance for adults
- Household or financial management assistance for adults
- Picking up or dropping off adults
- Other caring or helping activities for adults

Follow-up Probe:

- Who live in your household
- Who do not live in your household

Working or related activities

Working at main job
Working at other job
Making money at main job by providing a service or through hobbies or performances
Taking breaks at work
 Eating and drinking
 Relaxing
 Socializing
 Other
Job searching or interviewing
Other work activities

Educational activities/Classes

Taking a class for a degree, certificate, or license
Taking a class for personal interest
Homework for a class for a degree, certificate, or license
Homework for a class for personal interest
Extracurricular school activities (except sports)
Other educational activities

Shopping

Grocery shopping
Purchasing prepared food (not groceries)
Other shopping

Medical services or professional services

Banking, financial consultations
Medical appointments or consultations
Real estate, veterinary, or other professional services

Haircuts, massages, manicures, or other personal services

Haircuts
Massages
Manicures/pedicures
Other personal services

Cleaning or repair services for vehicles or the home

Using government services or voting

Using government services
Voting
Other civic obligations

Eating or drinking

Storing, moving, or unpacking items, including groceries
Food or drink preparation or presentation
Kitchen or food clean-up

Socializing, relaxing, or leisure

Eating or drinking
Socializing or communicating for leisure (in person)
Attending or hosting parties, receptions, or ceremonies
Relaxing, thinking, taking breaks
Watching TV, movies, videos

Listening to radio, podcasts, music
Playing musical instruments, singing
Playing video games
Playing other games
Using social media (Facebook, Twitter, Instagram, etc.)
Using a computer—other uses; not for TV, games, reading, social media
Arts and crafts as a hobby
Reading for personal interest, listening to audiobooks
Attending movies, performing arts, zoos, museums
Other leisure

Exercise, sports, or recreation

Attending sports or recreation events
Bicycling
Golfing
Hiking, hunting, fishing, or other outdoor recreational activities
Playing basketball, soccer, or other team sports
Running
Swimming or other water sports
Walking for exercise
Walking with animals/pets or playing with animals
Weight lifting, strength training
Yoga
Other exercise
Other sports

Religious or spiritual activities

Attending religious services
Religious or spiritual practices or education
Other religious or spiritual activities

Volunteering through an organization

Volunteering in administrative or support activities
Volunteering in social service or care activities
Volunteering in building, maintenance, or clean-up activities
Volunteering at performances or events
Other volunteering

Communications, not in-person (phone, video calls, messaging, e-mails, mail)

With friends or family
With others

Driving or other travel

Attachment 2 - 35 time-use activities that will be coded by participants

Took a nap (01)
Got dressed for work (01)
Vacuumed and dusted my apartment (02)
Cleaned up the kitchen after supper (02)
Gave my dog a bath (02)
Worked on my taxes (02)
Watched my kids on the playground (03)
Did arts and crafts with my kids (03)
Read books to my children (03)
Provided pills to my elderly mother who lives with us (03)
Cooking dinner for my elderly father who lives nearby (04)
Watched my friend's child (04)
Walked my friend's child to school (04)
Mowed my neighbor's lawn (04)
Repaired my cousin's toilet (04)
Teleworked for my primary job (05)
Out of personal interest, watched a video on how to program on YouTube (06)
Had my a guitar lesson (06)
Bought groceries (07)
Had an online doctor's appointment (08)
My dog had an appointment with the Vet (08)
Got my car inspected (annual inspection) (09)
Voted at my local school (10)
Ate dinner at a restaurant (11)
Watched a streaming movie (12)
Played online video games (12)
Read a book (12)
Took a walk (13)
Went for a jog (13)
Played basketball (13)
Did yoga (13)
Attended church (14)
Acted as a chaperone for my daughter's school trip (15)
Called my sister on the phone (16)
Texted a friend (16)

Attachment 3 – Instructions for Amazon’s Mechanical Turk (MTurk) Participants

1. Navigation Task

a. Recruitment criteria: This task is open to adults aged 18-65.

b. Description of Navigation Task on the MTurk Site: We are conducting this research to understand how people think about their use of time. You will read an activity and pick a category that best describes the activity from a list of categories. For example, an activity might be “dozed off for a few minutes” so a good category to select would be “Sleeping.” There are 35 items to assign to a list of categories.

This task is estimated to take about 20 minutes, and you will be paid \$3 for completing it.

c. Keywords: Organizing or classifying information, navigation task, research

d. Instructions for the Navigation Task:

Welcome to this study, and thank you for agreeing to participate!

In this study, you will first read descriptions of how people spend their time. Then you will assign each activity to the best selection from a list (menu) of categories.

You will be presented with 35 activities. Classifying them shouldn't take longer than **20 minutes**.

Our goal is to determine how well the list of categories covers typical activities that people do. Your participation will also help us find out how people think about how they spend their time.

Find out how on the next page ...

e. How the Tasks Will Appear On the Optimal Workshop Website (TreeJack Tool)

There are multiple screens in the TreeJack testing tool. Some key screens are shown below. Since this is a free demo instrument, only three tasks could be included.

Welcome Screen

This is a study preview. No data will be saved.

Welcome

Welcome to this study, and thank you for agreeing to participate!

In this study, you will first read descriptions of how people spend their time. Then you will assign each activity to the best selection from a list (menu) of categories.

You will be presented with 35 activities. Classifying them shouldn't take longer than **20 minutes**.

Our goal is to determine how well the list of categories covers typical activities that people do.

Your participation will also help us understand how people think about how they spend their time.

Find out how on the next page ...

Continue

Instructions Screen

This is a study preview. No data will be saved.

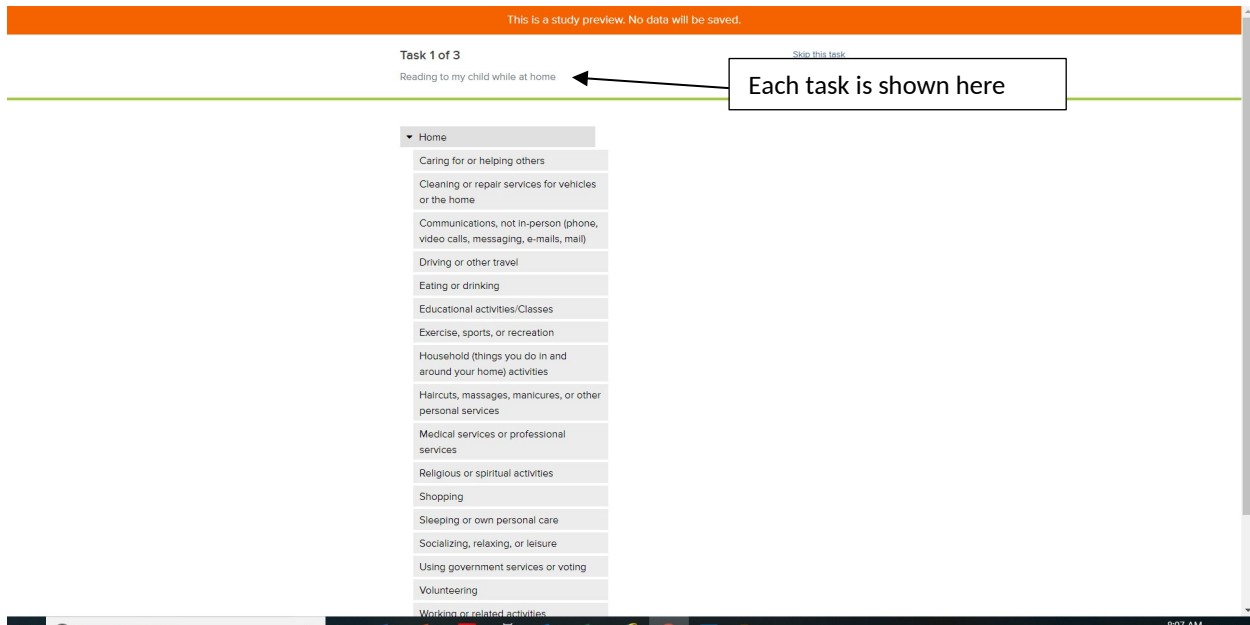
Instructions

Here's how it works:

1. You will be presented with an activity and asked to find the best description of it in a list. Some items in the list have additional items listed under them. You will find out which ones by clicking on them.
2. Click through the lists until you arrive at a description that you think best describes the activity and the message "I'd find it here!" appears. Click on "I'd find it here!" to move to the next activity.
3. If you go down the wrong path, you can go back by clicking one of the preceding links.



Task Screen



f. Actual menu that will be tested in Navigation Test #1

Home

- Caring for or helping others
- Cleaning or repair services for vehicles or the home
- Communications, not in-person (phone, video calls, messaging, e-mails, mail)
- Driving or other travel
- Eating or drinking
- Educational activities/Classes
- Exercise, sports, or recreation
- Household (things you do in and around your home) activities
- Haircuts, massages, manicures, or other personal services
- Medical services or professional services
- Religious or spiritual activities
- Shopping
- Sleeping or own personal care
- Socializing, relaxing, or leisure
- Using government services or voting
- Volunteering
- Working or related activities
- Other

2. Card Sorting Task - Instructions for the Card Sorting Task

a. Recruitment criteria: This task is open to adults aged 18-65.

b. Description of task on the MTurk Site: For some context, we are conducting this research as part of an effort to develop an online diary that captures how people use their time. In this task you will be asked to sort 35 activities that a person might have done during the day into some predefined categories. If you believe none of the existing categories are appropriate, you can create and name new categories.

This task is estimated to take about 20 minutes, and you will be paid \$3 for completing it.

c. Keywords: Card sorting, sorting information, organization of information

d. Instructions for the Card-Sorting Task in the Optimal Workshop Card-Sorting Tool

Welcome Screen

This is a study preview. No data will be saved.

Welcome

Welcome to this study, and thank you for agreeing to participate!

In this study, you will be asked to sort different activities into pre-existing categories.

This activity shouldn't take longer than **15 to 20 minutes** to complete.

Your responses will help us better organize the content of categories that we use to describe how people spend their time.

Find out how on the next page ...

Continue

Instructions Screen

This is a study preview. No data will be saved.

OptimalSort

Bandaging a wound
Injury
Cleaning bathrooms
meditating (not religious)
Shaving
Cooking
Packing lunches
Doing housework
Changing sheets
Washing floors
Cutting a haircut

28 of 28 remaining

Instructions

Begin by looking at the list of items on the left.

Using your mouse, you can drag an item from the list on the left to a group on the right.

We'd like you to sort the items on the left into the groups on the right.

If you think an item does not fit well into any of the categories, you can create a new category by dragging the item to a blank spot on the right hand side of the screen. A new category will be created for you automatically. You can name the category right away or wait until you have a few items in it.

There is no right or wrong answer. Just do what comes naturally.

Click "Finished" at the top right corner of the screen when you're done.

OK

View instructions | Leave a comment | Finished

Type here to search | 11:52 AM 7/1/2020

Initial Setup

This is a study preview. No data will be saved.

OptimalSort

View instructions | Leave a comment | Finished

meditating (not religious)
Mixing drinks
Cooking
Changing sheets
Making a salad
Bandaging a wound
Peeling potatoes
Doing housework
Accident
Waiting for ambulance
Filing/cutting nails

28 of 28 remaining

Grooming
0 items

Food & Drink Preparation
0 items

Interior House Cleaning
0 items

Health-related self-care
0 items

Personal emergencies
0 items

Attachment 4 – Activities to be coded in Focused Navigation Testing – The correct category is shown in parentheses (approximately 19 activities are shown. A similar 16 activities will be added depending on results from preceding navigation tests)

Attended an alcoholics anonymous meeting (01)

Attended a business meeting (05)

Got my car its annual inspection (09)

Met with the representative of a landscaping company to get an estimate for some work (09)

Voted at my local school (10)

Waited at motor vehicles to get plates for a used car purchase (10)

Read my daily newspaper (12)

Read an online blog (12)

Checked Facebook (12) - example of “using social media”

Read my Twitter feed (12) - example of “using social media”

Played a game of softball (13)

Went boating (13)

Went bowling (13)

Did step aerobics (13)

Wrote a letter to my grandmother (16)

Talked to my brother on the phone (16)

Sent emails to members of my book club (16)

Texted with my daughter (16)

Skyped (online video call) with my son who is overseas (16)

Attachment 5 – Instructions for the MTurk Screening Survey

a. Description of the Screening Survey on the MTurk Site:

You will be asked to complete a 2-minute survey to determine if you qualify for a follow-up study. You will be paid 20 cents for this 4-question survey.

b. Instructions and Questions in SurveyMonkey

The following screens show how the survey will appear in SurveyMonkey.

The image shows two screenshots of a survey interface. The top screenshot is the introduction screen, and the bottom screenshot is the question screen.

Introduction Screen:

- Header: Introduction
- Text: **The purpose of this 2-minute survey is to collect some information to see if you qualify for a follow-up study.**
- Text: **Click Next to continue.**
- Text: This voluntary study is being collected by the Bureau of Labor Statistics under OMB No. 1220-0141 (Expiration Date: March 31, 2021). Without this currently approved number, we could not conduct this survey. We estimate that it will take on average 2 minutes to complete this survey. Your participation is voluntary, and you have the right to stop at any time. This survey is being administered by SurveyMonkey and resides on a server outside of the BLS Domain. The BLS cannot guarantee the protection of survey responses and advises against the inclusion of sensitive personal information in any response. By proceeding with this study, you give your consent to participate in this study.
- Button: Next

Question Screen:

1. What is your age?
Please enter a number
2. Are you currently working in either a part-time or full-time job?
 Yes
 No
 Decline to answer
3. How many children under age 16 live in your household?
Please enter a number:
4. Please describe the last task (HIT) you completed on MTurk.

Buttons: Previous, Next