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API: 3
OpenSesame: 4.0.13
Platform: nt
---
set width 640
set title "New experiment"
set subject_parity even
set subject_nr 0
set start experiment
set sound_sample_size -16
set sound_freq 48000
set sound_channels 2
set sound_buf_size 1024
set sampler_backend psycho
set round_decimals 2
set mouse_backend psycho
set keyboard_backend psycho
set height 480
set fullscreen no
set form_clicks no
set foreground black
set font_underline no
set font_size 24
set font_italic False
set font_family mono
set font_bold False
set experiment_path "C:\\Users\\dfelt\\OneDrive\\Desktop\\Classes\\PSY 710
- Attention"
set disable_garbage_collection True
set description "A template containing a practice and an experimental
phase"
set color_backend psycho
set clock_backend psycho
set canvas_backend psycho
set background white

define sketchpad Fixation1
    set start_response_interval no
    set duration 500
    set description "Displays stimuli"
    draw fixdot color=white show_if=True style=default x=0 y=0 z_index=0
    draw fixdot color=black show_if=True style=default x=0.0 y=32.0
z_index=0

define sketchpad Fixation2_sketchpad
    set duration 500
    set description "Displays stimuli"
    draw fixdot color=black show_if=True style=default x=0 y=0 z_index=0

define sketchpad Fixation3_sketchpad
    set duration 500
    set description "Displays stimuli"

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    draw fixdot color=black show_if=True style=default x=0.0 y=32.0
z_index=0

define sketchpad IAT_words_sketchpad
    set duration 0
    set description "Displays stimuli"
    draw textline center=1 color=black font_bold=no font_family=mono
font_italic=no font_size=24 html=yes show_if=True text="[Word]" x=0 y=0
z_index=0

define sketchpad Priming_Spot_sketchpad
    set duration 500
    set description "Displays stimuli"
    draw image center=1 file="Spot.jpg" scale=0.5
show_if="[Priming_Pic]=Spot" x=0 y=0 z_index=0
    draw image center=1 file="UGV.jpg" scale=0.7
show_if="[Priming_Pic]=UGV" x=0 y=0 z_index=0

define sketchpad Priming_UGV_sketchpad
    set duration 500
    set description "Displays stimuli"
    draw image center=1 file="UGV.jpg" scale=0.7000000000000001
show_if=True x=0 y=0 z_index=0

define sketchpad Priming_sketchpad
    set duration 500
    set description "Displays stimuli"
    draw image center=1 file="Spot.jpg" scale=0.6
show_if="[Priming_pic]=Spot" x=0 y=-32 z_index=0
    draw image center=1 file="UGV.jpg" scale=0.7
show_if="[Priming_pic]=UGV" x=0 y=-64 z_index=0

define sketchpad Robot_Pics_sketchpad
    set duration 0
    set description "Displays stimuli"
    draw image center=1 file="Spot.jpg" scale=0.3 show_if=True
x="[Spot_Resp_Pos]" y=0 z_index=0
    draw image center=1 file="UGV.jpg" scale=0.3 show_if=True
x="[UGV_Resp_Pos]" y=0 z_index=0

define notepad about_this_template
    __note__
    This template already contains the basic structure of a typical
experiment.
    It consists of a practice phase, followed by an experimental phase.
For more
    information, please visit <http://osdoc.cogsci.nl/>
    Have fun with OpenSesame!
    __end__
    set description "Some pointers to help you get started!"

define loop block_loop
    set source_file ""
    set source table

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set skip 0
set repeat 1
set order random
set offset no
set item trial_sequence
set description "A single block of trials"
set cycles 48
set continuous no
set column_order ""
set break_if_on_first yes
set break_if False
setcycle 0 Priming_pic UGV
setcycle 0 Spot_Resp_Pos -160
setcycle 0 UGV_Resp_Pos 160
setcycle 0 Word Inquisitive
setcycle 0 correct_response left_button
setcycle 1 Priming_pic Spot
setcycle 1 Spot_Resp_Pos -160
setcycle 1 UGV_Resp_Pos 160
setcycle 1 Word Detailed
setcycle 1 correct_response left_button
setcycle 2 Priming_pic UGV
setcycle 2 Spot_Resp_Pos 160
setcycle 2 UGV_Resp_Pos -160
setcycle 2 Word Inquisitive
setcycle 2 correct_response right_button
setcycle 3 Priming_pic Spot
setcycle 3 Spot_Resp_Pos 160
setcycle 3 UGV_Resp_Pos -160
setcycle 3 Word Detailed
setcycle 3 correct_response right_button
setcycle 4 Priming_pic UGV
setcycle 4 Spot_Resp_Pos -160
setcycle 4 UGV_Resp_Pos 160
setcycle 4 Word Adaptive
setcycle 4 correct_response left_button
setcycle 5 Priming_pic Spot
setcycle 5 Spot_Resp_Pos -160
setcycle 5 UGV_Resp_Pos 160
setcycle 5 Word Reliable
setcycle 5 correct_response left_button
setcycle 6 Priming_pic UGV
setcycle 6 Spot_Resp_Pos 160
setcycle 6 UGV_Resp_Pos -160
setcycle 6 Word Adaptive
setcycle 6 correct_response right_button
setcycle 7 Priming_pic Spot
setcycle 7 Spot_Resp_Pos 160
setcycle 7 UGV_Resp_Pos -160
setcycle 7 Word Reliable
setcycle 7 correct_response right_button
setcycle 8 Priming_pic UGV
setcycle 8 Spot_Resp_Pos -160
setcycle 8 UGV_Resp_Pos 160
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setcycle 8 Word Trustworthy  
setcycle 8 correct\_response left\_button  
setcycle 9 Priming\_pic Spot  
setcycle 9 Spot\_Resp\_Pos -160  
setcycle 9 UGV\_Resp\_Pos 160  
setcycle 9 Word Robust  
setcycle 9 correct\_response left\_button  
setcycle 10 Priming\_pic UGV  
setcycle 10 Spot\_Resp\_Pos 160  
setcycle 10 UGV\_Resp\_Pos -160  
setcycle 10 Word Robust  
setcycle 10 correct\_response right\_button  
setcycle 11 Priming\_pic Spot  
setcycle 11 Spot\_Resp\_Pos 160  
setcycle 11 UGV\_Resp\_Pos -160  
setcycle 11 Word Trustworthy  
setcycle 11 correct\_response right\_button  
setcycle 12 Priming\_pic UGV  
setcycle 12 Spot\_Resp\_Pos -160  
setcycle 12 UGV\_Resp\_Pos 160  
setcycle 12 Word Deliberate  
setcycle 12 correct\_response left\_button  
setcycle 13 Priming\_pic Spot  
setcycle 13 Spot\_Resp\_Pos -160  
setcycle 13 UGV\_Resp\_Pos 160  
setcycle 13 Word Useful  
setcycle 13 correct\_response left\_button  
setcycle 14 Priming\_pic UGV  
setcycle 14 Spot\_Resp\_Pos 160  
setcycle 14 UGV\_Resp\_Pos -160  
setcycle 14 Word Deliberate  
setcycle 14 correct\_response right\_button  
setcycle 15 Priming\_pic Spot  
setcycle 15 Spot\_Resp\_Pos 160  
setcycle 15 UGV\_Resp\_Pos -160  
setcycle 15 Word Useful  
setcycle 15 correct\_response right\_button  
setcycle 16 Priming\_pic UGV  
setcycle 16 Spot\_Resp\_Pos -160  
setcycle 16 UGV\_Resp\_Pos 160  
setcycle 16 Word Unreliable  
setcycle 16 correct\_response right\_button  
setcycle 17 Priming\_pic Spot  
setcycle 17 Spot\_Resp\_Pos -160  
setcycle 17 UGV\_Resp\_Pos 160  
setcycle 17 Word Clumsy  
setcycle 17 correct\_response right\_button  
setcycle 18 Priming\_pic UGV  
setcycle 18 Spot\_Resp\_Pos 160  
setcycle 18 UGV\_Resp\_Pos -160  
setcycle 18 Word Unreliable  
setcycle 18 correct\_response left\_button  
setcycle 19 Priming\_pic Spot  
setcycle 19 Spot\_Resp\_Pos 160

setcycle 19 UGV\_Resp\_Pos -160  
setcycle 19 Word Clumsy  
setcycle 19 correct\_response left\_button  
setcycle 20 Priming\_pic UGV  
setcycle 20 Spot\_Resp\_Pos -160  
setcycle 20 UGV\_Resp\_Pos 160  
setcycle 20 Word Awkward  
setcycle 20 correct\_response right\_button  
setcycle 21 Priming\_pic Spot  
setcycle 21 Spot\_Resp\_Pos -160  
setcycle 21 UGV\_Resp\_Pos 160  
setcycle 21 Word Inefficient  
setcycle 21 correct\_response right\_button  
setcycle 22 Priming\_pic UGV  
setcycle 22 Spot\_Resp\_Pos 160  
setcycle 22 UGV\_Resp\_Pos -160  
setcycle 22 Word Awkward  
setcycle 22 correct\_response left\_button  
setcycle 23 Priming\_pic Spot  
setcycle 23 Spot\_Resp\_Pos 160  
setcycle 23 UGV\_Resp\_Pos -160  
setcycle 23 Word Inefficient  
setcycle 23 correct\_response left\_button  
setcycle 24 Priming\_pic UGV  
setcycle 24 Spot\_Resp\_Pos -160  
setcycle 24 UGV\_Resp\_Pos 160  
setcycle 24 Word Useless  
setcycle 24 correct\_response right\_button  
setcycle 25 Priming\_pic Spot  
setcycle 25 Spot\_Resp\_Pos -160  
setcycle 25 UGV\_Resp\_Pos 160  
setcycle 25 Word Creepy  
setcycle 25 correct\_response right\_button  
setcycle 26 Priming\_pic UGV  
setcycle 26 Spot\_Resp\_Pos 160  
setcycle 26 UGV\_Resp\_Pos -160  
setcycle 26 Word Useless  
setcycle 26 correct\_response left\_button  
setcycle 27 Priming\_pic Spot  
setcycle 27 Spot\_Resp\_Pos 160  
setcycle 27 UGV\_Resp\_Pos -160  
setcycle 27 Word Creepy  
setcycle 27 correct\_response left\_button  
setcycle 28 Priming\_pic UGV  
setcycle 28 Spot\_Resp\_Pos -160  
setcycle 28 UGV\_Resp\_Pos 160  
setcycle 28 Word Menacing  
setcycle 28 correct\_response right\_button  
setcycle 29 Priming\_pic Spot  
setcycle 29 Spot\_Resp\_Pos -160  
setcycle 29 UGV\_Resp\_Pos 160  
setcycle 29 Word Slow  
setcycle 29 correct\_response right\_button  
setcycle 30 Priming\_pic UGV

setcycle 30 Spot\_Resp\_Pos 160  
setcycle 30 UGV\_Resp\_Pos -160  
setcycle 30 Word Menacing  
setcycle 30 correct\_response left\_button  
setcycle 31 Priming\_pic Spot  
setcycle 31 Spot\_Resp\_Pos 160  
setcycle 31 UGV\_Resp\_Pos -160  
setcycle 31 Word Slow  
setcycle 31 correct\_response left\_button  
setcycle 32 Priming\_pic UGV  
setcycle 32 Spot\_Resp\_Pos -160  
setcycle 32 UGV\_Resp\_Pos 160  
setcycle 32 Word Artificial  
setcycle 32 correct\_response ""  
setcycle 33 Priming\_pic Spot  
setcycle 33 Spot\_Resp\_Pos -160  
setcycle 33 UGV\_Resp\_Pos 160  
setcycle 33 Word Machine  
setcycle 33 correct\_response ""  
setcycle 34 Priming\_pic UGV  
setcycle 34 Spot\_Resp\_Pos 160  
setcycle 34 UGV\_Resp\_Pos -160  
setcycle 34 Word Artificial  
setcycle 34 correct\_response ""  
setcycle 35 Priming\_pic Spot  
setcycle 35 Spot\_Resp\_Pos 160  
setcycle 35 UGV\_Resp\_Pos -160  
setcycle 35 Word Machine  
setcycle 35 correct\_response ""  
setcycle 36 Priming\_pic UGV  
setcycle 36 Spot\_Resp\_Pos -160  
setcycle 36 UGV\_Resp\_Pos 160  
setcycle 36 Word Automation  
setcycle 36 correct\_response ""  
setcycle 37 Priming\_pic Spot  
setcycle 37 Spot\_Resp\_Pos -160  
setcycle 37 UGV\_Resp\_Pos 160  
setcycle 37 Word Circuit  
setcycle 37 correct\_response ""  
setcycle 38 Priming\_pic UGV  
setcycle 38 Spot\_Resp\_Pos 160  
setcycle 38 UGV\_Resp\_Pos -160  
setcycle 38 Word Automation  
setcycle 38 correct\_response ""  
setcycle 39 Priming\_pic Spot  
setcycle 39 Spot\_Resp\_Pos 160  
setcycle 39 UGV\_Resp\_Pos -160  
setcycle 39 Word Circuit  
setcycle 39 correct\_response ""  
setcycle 40 Priming\_pic UGV  
setcycle 40 Spot\_Resp\_Pos -160  
setcycle 40 UGV\_Resp\_Pos 160  
setcycle 40 Word Electronic  
setcycle 40 correct\_response ""

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setcycle 41 Priming_pic Spot
setcycle 41 Spot_Resp_Pos -160
setcycle 41 UGV_Resp_Pos 160
setcycle 41 Word Component
setcycle 41 correct_response ""
setcycle 42 Priming_pic UGV
setcycle 42 Spot_Resp_Pos 160
setcycle 42 UGV_Resp_Pos -160
setcycle 42 Word Electronic
setcycle 42 correct_response ""
setcycle 43 Priming_pic Spot
setcycle 43 Spot_Resp_Pos 160
setcycle 43 UGV_Resp_Pos -160
setcycle 43 Word Component
setcycle 43 correct_response ""
setcycle 44 Priming_pic UGV
setcycle 44 Spot_Resp_Pos -160
setcycle 44 UGV_Resp_Pos 160
setcycle 44 Word Interface
setcycle 44 correct_response ""
setcycle 45 Priming_pic Spot
setcycle 45 Spot_Resp_Pos -160
setcycle 45 UGV_Resp_Pos 160
setcycle 45 Word Program
setcycle 45 correct_response ""
setcycle 46 Priming_pic UGV
setcycle 46 Spot_Resp_Pos 160
setcycle 46 UGV_Resp_Pos -160
setcycle 46 Word Interface
setcycle 46 correct_response ""
setcycle 47 Priming_pic Spot
setcycle 47 Spot_Resp_Pos 160
setcycle 47 UGV_Resp_Pos -160
setcycle 47 Word Program
setcycle 47 correct_response ""
run trial_sequence

define sequence block_sequence
  set flush_keyboard yes
  set description "A sequence containing a single block of trials
followed by feedback to the participant"
  run reset_feedback True
  run block_loop True

define sketchpad end_of_experiment
  set start_response_interval no
  set duration keypress
  set description "A sketchpad notifying the participant that the
experiment is finished"
  draw textline center=1 color=white font_bold=no font_family=mono
font_italic=no font_size=18 html=yes show_if=True text="Press any key to
exit" x=0 y=0 z_index=0
  draw image center=1 file="End.jpg" scale=0.3 show_if=True x=0 y=-64
z_index=0

```

```
draw textline center=1 color=black font_bold=no font_family=mono
font_italic=no font_size=24 html=yes show_if=True text="Thank you for your
participation in this study. Have a great day!" x=0 y=160 z_index=0
```

```
define sketchpad end_of_practice
  set start_response_interval no
  set duration mouseclick
  set description "A sketchpad notifying the participant that the
practice phase is finished"
  draw textline center=1 color=white font_bold=no font_family=mono
font_italic=no font_size=18 html=yes show_if=True text="Press any key to
continue" x=0 y=0 z_index=0
  draw textline center=1 color=black font_bold=no font_family=mono
font_italic=no font_size=24 html=yes show_if=True text="You have completed
the practice session. Click the mouse when you are ready to move on to
the experiment." x=0 y=0 z_index=0
```

```
define sequence experiment
  set flush_keyboard yes
  set description "The main sequence of the experiment"
  run instructions True
  run practice_loop True
  run end_of_practice True
  run experimental_loop True
  run end_of_experiment True
```

```
define loop experimental_loop
  set source table
  set skip 0
  set repeat 3
  set order random
  set offset no
  set item block_sequence
  set description "A loop containing one or more experimental blocks"
  set cycles 1
  set continuous no
  set column_order practice
  set break_if_on_first yes
  set break_if False
  setcycle 0 practice no
  run block_sequence
```

```
define feedback feedback
  set reset_variables yes
  set duration keypress
  set description "Provides feedback to the participant"
  draw textline center=1 color=white font_bold=no font_family=mono
font_italic=no font_size=18 html=yes show_if=True text="Your average
response time was [avg_rt]ms<br /><br />Your accuracy was [acc]%.<br /><br
/>Press any key to continue" x=0 y=0 z_index=0
```

```
define sketchpad instructions
  set start_response_interval no
  set duration mouseclick
```



```

    set description "A sketchpad containing the instructions for the
participant"
    draw textline center=1 color=white font_bold=no font_family=mono
font_italic=no font_size=18 html=yes show_if=True text="Press any key to
begin!" x=0 y=0 z_index=0
    draw textline center=1 color=black font_bold=no font_family=mono
font_italic=no font_size=24 html=yes show_if=True text="This is a Implicit
Association Test where you will be presented a word, then you will choose
which robot best describes that word. Please answer as quickly as
possible as the image will time out after 2.5 seconds. There are no right
or wrong answers to these questions. <br /><br />Use the left mouse
button for the left image and the right mouse button for the right image.
<br /><br />Click the mouse to continue!" x=0 y=0 z_index=0

define keyboard_response keyboard_response
    set timeout infinite
    set flush yes
    set event_type keypress
    set duration keypress
    set description "Collects keyboard responses"

define logger logger
    set description "Logs experimental data"
    set auto_log yes
    exclude "*_backend"
    exclude PERSISTENT
    exclude TEMPORARY
    exclude acc
    exclude accuracy
    exclude average_response_time
    exclude avg_rt
    exclude background
    exclude closed
    exclude "count_*"
    exclude credentialless
    exclude crossOriginIsolated
    exclude datetime
    exclude description
    exclude devicePixelRatio
    exclude disable_garbage_collection
    exclude experiment_file
    exclude experiment_path
    exclude "font_*"
    exclude foreground
    exclude form_clicks
    exclude fullscreen
    exclude height
    exclude innerHeight
    exclude innerWidth
    exclude isSecureContext
    exclude length
    exclude logfile
    exclude opensesame_codename
    exclude origin

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exclude originAgentCluster
exclude outerHeight
exclude outerWidth
exclude "page?Offset"
exclude round_decimals
exclude "screen*"
exclude "scroll?"
exclude "sound_*"
exclude start
exclude status
exclude "time_*"
exclude total_correct
exclude total_response_time
exclude total_responses
exclude width

define mouse_response new_1_mouse_response
  set timeout 2500
  set show_cursor yes
  set linked_sketchpad Robot_Pics_sketchpad
  set flush yes
  set event_type mouseclick
  set duration mouseclick
  set description "Collects mouse responses"
  set allowed_responses "left_button; right_button"

define mouse_response new_mouse_response
  set timeout 2500
  set show_cursor yes
  set linked_sketchpad IAT_words_sketchpad
  set flush yes
  set event_type mouseclick
  set duration mouseclick
  set description "Collects mouse responses"
  set allowed_responses "left_button; right_button"

define loop practice_loop
  set source_file ""
  set source table
  set skip 0
  set repeat 1
  set order random
  set offset no
  set item block_sequence
  set description "A loop containing one or more practice blocks"
  set cycles 1
  set continuous no
  set column_order practice
  set break_if_on_first yes
  set break_if False
  setcycle 0 practice yes
  run block_sequence

define reset_feedback reset_feedback

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    set description "Resets the feedback variables, such as 'avg_rt' and  
'acc'"
```

```
define sequence trial_sequence  
    set flush_keyboard yes  
    set description "A single trial"  
    run Fixation1 True  
    run IAT_words_sketchpad True  
    run Fixation3_sketchpad True  
    run Robot_Pics_sketchpad True  
    run new_1_mouse_response True  
    run logger True
```