

CVOE Task Example

Pure CV Task

- In the pure CV Task, subjects are presented with letter number combinations (e.g., A 15) and are asked to quickly respond by pressing the correct key.
- Subjects are asked to indicate whether the letter in the pair is a consonant or a vowel.
 - Consonants are mapped to the 'Q' key
 - Vowels are mapped to the 'P' key

Pure CV Task Instructions

- In the following section you will be presented with pairs of letters and numbers. Please indicate whether the letter is a CONSONANT or a VOWEL.
- You will press the 'Q' key for CONSONANTS.
- You press the 'P' key for VOWELS.
- Press 'Enter' when you are ready to continue.

Q
Odd

P
Even

A 05

Pure OE Task

- In the pure OE Task, subjects are presented with letter number combinations (e.g., A 15) and are asked to quickly respond by pressing the correct key.
- Subjects are asked to indicate whether the number in the pair is odd or even.
 - Odd numbers are mapped to the 'Q' key
 - Even numbers are mapped to the 'P' key

Pure OE Task Instructions

- In the following section you will be presented with pairs of letters and numbers. Please indicate whether the number is ODD or EVEN.
- You will press the 'Q' key for ODD numbers.
- You press the 'P' key for EVEN numbers.
- Press 'Enter' when you are ready to continue.

Q
Odd

P
Even

A 05

Switch Tasks

- In the switch tasks, subjects are presented with letter number combinations (e.g., A 15) and are asked to quickly respond by pressing the correct key.
- Subjects switch back and forth between performing the CV task or the OE task. This is determined at the top of each trial by either the word 'Letter' (CV task) or the word 'Number' (OE task)
 - Consonants and Odd numbers are mapped to the 'Q' key
 - Vowels and Even numbers are mapped to the 'P' key
- This study contains two switch blocks
 - A random switch task in which the task switches in a randomized manner (i.e., CV – OE – OE – OE – CV – OE – CV)
 - An alternating runs pattern where the task switches every other trial (i.e., CV – CV – OE – OE – CV – CV)

Switch Task Instructions

- In the following section you will be presented with pairs of letters and numbers. Please indicate whether the LETTER is a CONSONANT or a VOWEL OR if the NUMBER is ODD or EVEN
- The top of each trial will tell you whether you are doing the LETTER or NUMBER task.
- You will press the 'Q' key for CONSONANTS and ODD numbers.
- You press the 'P' key for VOWELS and EVEN numbers.
- Press 'Enter' when you are ready to continue.

Q

Consonant

Odd

P

Vowel

Even

Letter

D 15

Q

Consonant

Odd

Number

D 15

P

Vowel

Even