Welcome! In this spreadsheet, you'll be able to explore the results of the picture recall task and look for interesting findings. Below, we've explained how the spreadsheet is laid out.	
Each tab at the bottom has different information. Right now, you're in the "Welcome" tab. Here you can find information about the layout of the sheet, the meaning of columns on different sheets, and the structure of the experiment itself as a reference.	
The second tab is the "Descriptive Statistics and Group Data" tab. Here you can find data about the groups and averages across different groups. This information is useful for evaluating the impact of group factors such as the task condition, the content of the set, or their gender. This tab does not display any of the individual results, but allows for comparisons using all subjects.	
The third tab is the "In Your Head Condition" tab, containing the actual results from 20 participants who completed the task while repeating the words in their head. Check at the bottom of this	
page for a quick refresher on how the experiment worked and what the two conditions were. Definitions for the meaning of each column can be found on this page. The final tab is the "Out Loud Condition" tab, containing the actual results from 20 participants who completed the task while repeating the words out loud. This tab shares column headers with	
the 'In Your Head Condition' tab, so the definitions found below apply to this tab as well.	
Important Information about the layout of this sheet!	
On the two condition tabs, you will see some participant responses are highlighted yellow or red. This indicates these responses were not included in the analyses because a problem with their response was identified while initially reviewing the data. This is an important process that ensures the quality of the data and is aimed at ensuring participants properly folllowed instructions.	
There were two criteria that could warrant a participant response be removed, represented by the color used to highlight the cells. These criteria are listed below. In the closing interview, the participant responsed that they did not repeat the words following their conidition's instructions. The participant responded "No" in Column O (as in open, not the	
number zero) The participant did not respond when asked	
Definition of Column Headers for the "In Your Head Condition" and "Out Loud Condition" tabs	
	Column Header
Participant age was calculated based on their provided birthdate and the date of testing. Months and days were not included as decimals.	Age (years)
Participant's preferred gender.	Gender
	Race/Ethnicity
Participants were required to be english speakers in order to take part in the study to avoid language as a factor, but it is still important to gather information about their language background. All	ls English your native
	language? What language(s) are
	regularly spoken in your home?
	Presentation Order
1 - Animals, Objects, Fruits/Vegies	resentation order
2- Animals, Cupeus, India Vegges 2- Animals, Funits/Vegges, Objects 3- Fruits/Vegges, Animals, Objects 4-Fruits/Veggies, Objects 4-Fruits/Veggies, Objects	
5- Objects, Fruits/Veggies, Animals 6- Objects, Animals, Fruits/Veggies	
	Number of correct
The number of animals that the participant listed that were actually shown.	animals remembered
	Incorrect responses
	List of remembered animals
	Number of correct objects remembered
The number of objectsthat the participant listed that weren't actually shown. Errors are shown in parenthesis and highlighted in red in their response.	Incorrect responses
	List of remembered objects
	Number of correct
	fruits/veggies remembered
	Incorrect responses
	List of remembered
	fruits/veggies Did you actually repeat
Once participants had completed the entire study, they asked whether they had actually repeated the words out loud or in their head. The question changed based on condition, so participants who had been told to repeat the words out loud were asked in they had repeated them out loud and likewise for participants in the in your head condition.	the words in your head/out loud?
	Did you use any strategies to help you remember?
	If yes, what strategies?
in participantical section of the provious question, they were asked to mile down what strategies they had used to help them remember.	ii yes, what strategies:
Summary of Experiment	
After reviewing the consent form, participants completed a short demographics survey asking their age, gender, and race/ethnicity.	
Once they had completed this survey, they were given instructions to watch a list of pictures and repeat the name of each picture either out loud or in their head. In they were told to repeat the word out loud, they were told to say it as if they were answering a question of what it was. If they were told to repeat the word in their head, they were told to repeat it as if they were making a list	
in their head without speaking or moving their lips. Once participants had finished reading the instructions, they began their first set of pictures. There were three sets, with the pictures of animals, household objects, or fruits and vegetables. Participants saw 30 pictures presented for 1 second each that all came from the same set. Once each picture had been shown, participants were told to report as many animals, objects, or fruits	
After participants had completed all three sets, they were asked if they had followed instructions and whether they had used any strategies to help them remember. After answering those	
Arter participants and completed an united sets, they were asked in they had brown instructions and whether they had used any strategies to help them remember. After answering mose questions, they were done!	

Descriptive Statistics			
Descriptive Statistics			
Participant Information*			
*Contains participants excluded from			
analyese for not following instructions	In Your Head	Out Loud	
Number of Participants	20		
Gender Breakdown	11 male, 7 female, 1 other, 1 prefer not to answer	13 male, 6 female, 1 prefer not to answer	
Race/Ethnicity Breakdown			
White	15		
Black or African American	2	3	
Hispanic/Latino	3	3	
Asian	2	0	
Other	0	1	
Age (in years)			
Average	31.85	27.6	
Oldest	60	47	
Youngest	18	18	
Range*	42	29	
*Difference between oldest and youngest			
Group Data			
Group Averages			
	Overall	In Your Head	Out Loud
Average number of remembered			
animals, fruits/veggies, or objects.	13.66	14.12	13.20
Average number of remembered animals	14.64	15.67	13.61
Average number of remembered objects	11.72	11.39	12.06
Average number of remembered fruits/veggies	14.62	15.29	13.94
*Overall averages are reported based on condition averages, not by averaging all subjects.			
Highest and Lowest Number Remembered			
	Overall	In Your Head	Out Loud
Highest number of animals remembered	30	29	30
Highest number of objects remembered	23	17	23
Highest number of fruits/veggies remembered	23	23	22
Lowest number of animals remembered	7	9	7
Lowest number of objects remembered	5	7	5
Lowest number of fruits/veggies remembered	4	4	5

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