

Materials List for

# A Psychophysics Paradigm for the Collection and Analysis of Similarity Judgments

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jove.com/video/63461

## Materials

Name	Company	Catalog Number	Comments
Computer Workstation	N/A	N/A	OS: Windows/ MacOS 10 or higher/ Linux; 3.1 GHz Dual-Core Intel Core i5 or similar; 8GB or more memory; User permissions for writing and executing files
conda		Version 4.11	OS: Windows/ MacOS 10 or higher/ Linux
Microsoft Excel	Microsoft	Any	To open and shuffle rows and columns in trial conditions files.
PsychoPy	N/A	Version 2021.2	Framework for running psychophysical studies
Python 3	Python Software Foundation	Python Version 3.8	Python3 and associated built-in libraries
Required Python Libraries	N/A	numpy version: 1.17.2 or higher; matplotlib version 3.4.3 or higher; scipy version 1.3.1 or higher; pandas version 0.25.3 or higher; seaborn version 0.9.0 or higher; scikit_learn version 0.23.1 or higher; yaml version 6.0 or higher	numpy, scipy and scikit_learn are computing modules with in-built functions for optimization and vector operations. matplotlib and seaborn are plotting libraries. pandas is used to reading in and edit data from csv files.