dataset	metric_type	metric_name	metric_decription	metric_scale_and_details	higher_value_means...
1	correctness	correct_output_rating	Correctness of specified program output	0: completely wrong, 1: in part correct, 2: completely correct	more correct
1	rating	output_difficulty	Difficulty to determine output	0: very difficult, 1: difficult, 2: medium, 3: easy, 4: very easy	less difficult
1	time	time_to_give_output	Time taken to understand code and answer one question	Value in seconds, no limit	more time
2	physiological	brain_deact_32	Concentration level - Average strength of brain deactivation (BA32)	Brodmann area 32. Typically, these are negative values. A lower value means more concentration.	less concentration
2	physiological	brain_deact_31post	Concentration level - Average strength of brain deactivation (BA31post)	Brodmann area 31. Typically, these are negative values. A lower value means more concentration.	less concentration
2	physiological	brain_deact_31ant	Concentration level - Average strength of brain deactivation (BA31ant)	Brodmann area 31. Typically, these are negative values.	less concentration
2	time	time_to_understand	Time taken to understand code	Value in seconds. Limited to max 60 seconds.	more time
3	rating	readability_level	Readability (ease to understand) of the program	From 1 less readable to 5 more readable.	more readable
6	correctness	correct_verif_questions	Percentage of correct answers to the three verification questions about the code	If the participant said they did not understand the snippet earlier, the value is 0.	more correct
6	rating	binary_understandability	Binary understanding of the snippet (yes or no)	1 if the participant said they understood the snippet, 0 if not.	more understandable
6	time	time_to_understand	Time taken to understand code	Time taken in seconds until the participant indicated they understood the code. This metric cannot be computed when the participant clicked on “I cannot understand the method”	more time
9	correctness	gap_accuracy	Recall accuracy to fill in the blanks to complete the program	It appears then that 0 means no accuracy and 1 means full accuracy	more accurate
9	rating	readability_level_before	Readability of the program (before filling in blanks)	From 1 less readable to 5 more readable. Initial readability rating after reading the snippet.	more readable
9	rating	readability_level_after	Readability of the program (after filling in blanks)	From 1 less readable to 5 more readable. Readability rating after the cloze test (completing the code).	more readable
9	time	time_to_read	Time taken to rate code readability	Time taken in seconds until the participant submitted their readability rating.	more time
9	time	time_to_complete	Time taken to fill in the program blanks	Time taken in seconds to complete the cloze task.	more time
9	time	time_to_read_complete	Average of time_to_read and time_to_complete		more time
f	correctness	perc_correct_output	Percentage of people that determine the program output correctly	correctness in percentage of participants that got it	more correct
f	physiological	brain_deact_31	Concentration level - Average strength of brain deactivation	Brodmann area 31. Typically, these are negative values. A lower value means more concentration.	less concentration
f	physiological	brain_deact_32	Concentration level - Average strength of brain deactivation	Brodmann area 32. Typically, these are negative values. A lower value means more concentration.	less concentration
f	rating	complexity_level	Code complexity score	participants create any number of piles to categorize the snippets by difficulty. The piles were then converted to numberic values. Example: if a participant made 4 piles the snippets in the 1st pile got a complexity score of 0, 2nd pile a score of 33, 3rd a score of 66, and 4th a score of 100	more complex
f	time	time_to_understand	Time taken to understand code	Value in seconds. Limited to max 60 seconds.	more time