

CRITERIA FOR AUTHORSHIP - Stephen M. Kosslyn, Harvard University (Nov. 2002)

CATEGORY	DESCRIPTION OF CRITERIA TO BE CONSIDERED	MAX PTS FOR CATEGORY (can describe as percentages)	Distribute max points among participating researchers						TOTAL POINTS (or %)
			1 _____	2 _____	3 _____	4 _____	5 _____	6 _____	
The idea	Without the idea, nothing happens; if idea grew out of a discussion, the person who primarily led and/or provided insights leading to the best way to pose the question to be answered gets most points	250 (100%)							
Design	Details may include: study format, control conditions, inclusion/exclusion, data acquisition methods, techniques to be used, etc.	100 (100%)							
Implementation	Someone must implement the design (develop study-related materials, arrange for animals, acquire approval, etc.); typically, points in this category are split, including to the supervisor (or PI) who closely monitors and/oversees the implementation	100 (100%)							
Conducting the experiment	<i>Per Dr. Kosslyn:</i> "The person who tests subjects <u>may</u> earn up to the max 100 points, but may earn merely 5 points if all he/she does is mindlessly test subjects." Authorship is awarded only to those who substantially and creatively contribute. For someone receiving class credit or payment (i.e., an employee) and only following instructions, acknowledgment should be considered, but not authorship.	100 (100%)							
Data analysis	Simply running data through ANOVA, SPSS, or Excel is not enough to earn authorship; but devising new ways to look at data or otherwise contributing to novel insight(s) may result in points. Particularly labor-intensive or creative data analyses may earn "full" points <i>[depending on the project, the maximum of 200 points for this category may or may not be allocated]</i>	200 (100%)							
Writing	Nothing happens if nothing is reported; usually shared by several people, maximum points are allocated to the one who shapes the conceptual content (but a good and insightful literature review may count heavily). If someone writes a first draft that is not used at all, no points are allocated; points are allocated based on the "final product"	250 (100%)							
	TOTAL POINTS (or %) PER CONTRIBUTOR								