

Assignment 3 : choice of paper



- **computational** : has equations in it
- **cognitive**: talks about some aspect of cognition
- **neuroscience**: at a level that can be compared with data from the brain
- not a review ! (but read reviews too).
- best if published in a **good journal** (check impact factor)
- **reasonably recent**.
- best if well cited and had important **impact** on the field.

Assignment 3 : structure of essay



- **background**: what was known before this paper. (**literature review**)
- **motivation** for this paper / hypothesis
- what the paper shows : describe methods and results in a simple way (**description**)
- **discussion**: strengths and weakness of paper, what makes it interesting? important ? how could it be extended? validated? was it followed up by other studies?

Assignment 3 : how I mark



- **Background knowledge and scientific maturity**
(does the student understand the scientific context in which this paper was written and how it fits with previous knowledge. Does the student correctly introduces the main concepts of the paper?)
- **Description and interpretation**
(does the student understand the paper and is able to correctly summarise the main points?)
- **Discussion, criticism**
(does the student understand the significance of the paper in the context it was written, impact, possible validation and limitations?)
- **Style and writing.**
(Is the paper well written and clear? How is the use of the graphics?)

Assignment 3 : common mistakes



- choosing a paper that is not appropriate (often: a review paper).
- not giving big picture --> focussing immediately on details
- not being critical of the paper's limitations
- not offering more discussion/ extensions/ thinking than presented in the paper

sending me your choice of paper



- read it first !! and make sure you understand it.
- send me the pdf of the paper, not only the title.
- write a sentence to justify that this is appropriate and fits the criteria.
- Deadline Nov 8th.