Cognition

PSYC 2040

Review

logistics: final exam

- final is cumulative and in class
- worth 30%
- closed book + help sheet
- 20 multiple choice
  - 10 from L0-L10
  - 10 from L11-L12
- 4 short answer questions
  - with options
  - 2 questions from L11-L12
  - 2 mixed content
- practice questions available on Canvas

14	M: April 22, 2024	**Research Summary [QALMRI] due**
14	Wednesday, April 24, 2024	L12: Social Cognition
14	Friday, April 26, 2024	L12 continued…
15	Wednesday, May 1, 2024	L0-L12 review!
15	Friday, May 3, 2024	**Final**
16	Wednesday, May 8, 2024	Wrapping up!
16	M: May 13, 2024	**Research Reflection due**

▼ Cumulative Final PRACTICE

🚀 **Practice Final (Multiple Choice)**
20 pts

🔗 Practice Final (Short Answer Questions)

review: key concepts

- the math behind exemplar/prototype model

- level k reasoning / recursive thinking

- Gweon and Schulz experiment (informative teaching)

- labels to referents (cross situational statistics)

- differentiating/explaining the heuristics

- multi-store model

- subtractive logic with neuroimaging

exemplar-prototype model

- Bahaar is learning how to objectively differentiate between healthy and junk food. She starts to identify 4 features on which foods appear to differ: taste, look/appearance, calorie count, and how much the food has been processed. She feels like she has a good grasp of the two categories (healthy and junk food) based on these features. One day, at a new breakfast joint in her neighborhood, she encounters a food item she hasn't seen before (it's called a trocadero?). She decides to use her four-feature approach to arrive at a decision on whether she should order this new item or not. Below are the feature values:

- How might Bahaar use the prototype model to decide whether this new food item is healthy or junk food? What decision would she reach based on the prototype model about this new item, is it a healthy food or junk food?

class	food	f1 (taste)	f2 (look)	f3 (calorie)	f4(process)
junk	pizza	98	87	100	98
healthy	salad	60	70	50	20
junk	fries	100	100	100	100
healthy	frittata	80	175	60	45
?????	NEW_FOOD	97	89	99	89

level-k reasoning

- Let's say there are three possible objects in a toy bin and they differ on two features: color (red or yellow) and size (big or small). Toy 1 is small and red. Toy 2 is small and yellow. Toy 3 is big and yellow. Based on this information, if a person uses the word "YELLOW" to refer to one of the toys, which object would a level-0 listener select? What about a level-2 listener who accounts for a level-1 speaker?

review (L0-L6)

review (L7-L12)

L7: memory I

L8: cognitive models

L9: memory II

L10: language

L11: judgment and decision-making

L12: social cognition

key takeways document

- note down main ideas in this [document](#) (collaborative)