**Lab 3 - Optimal Behavior, Emotions, and Relabeling Actors and Objects after Events**

**Due March 1, 2023 at 8 am to** [**em.k.maloney@duke.edu**](mailto:em.k.maloney@duke.edu)

For the following lab, you will be largely using the 3 identities **Judge, Lawyer, and Paralegal from the Occupations dictionary and US 2015 full surveyor dictionary.**

NB: make sure you have changed the dictionary once you have opened Interact. It usually starts on the Indiana dictionary. And then, import the occupations dictionary like we did for lab 2.

1. Find the EPA values for the *characteristic emotions* of Doctor, Nurse, and Patient and the closest measured term for each:

Note: Use the Feeling Effects page to find the characteristic emotion EPA by selecting the identity in from the actor identity dropdown. Then press the button at the bottom of the page that says ‘characteristic emotion.’ After pressing it, the box at the top that says ‘Actor Emotions’ will update with a 3 digit EPA in box below the list of emotions. Type those values into the table below.

To find the closest measured emotion, navigate to the ‘Find Concepts’ page by using the operations drop-down. On that page, paste those three numbers into the box that says: Entries matching EPA profile. Make sure you change the selections to the left to only include: modifiers in the far left column and emotions in the middle column. If you get the result ‘No words in range, 99.99 99.99 99.99, 99.99’ go to the very bottom of the page and increase the “number for maximum distance” to 2.0 from 1.0.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Identity | E | P | A | Closest measured emotion |
| Judge |  |  |  |  |
| Lawyer |  |  |  |  |
| Paralegal |  |  |  |  |

1. On which dimension (Evaluation, Potency, or Activity) do these characteristic emotions differ the **most?** Does this surprise you?
2. For each of the possible dyads, find the 3-digit EPA profile for the optimal behavior to occur between the two and the closest measured behavior.

**NB:** To find the optimal behavior, use the Feeling Effects page, and select your **Actor** and **Object** identities by using the bottom left and right identity boxes, respectively. Then, hit ‘compute solution’. The 3 digit EPA profile will be in the text box beneath the yellow behavior box. The closest measured terms are in the yellow box in ascending order (top is closest).

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Actor | Object | E | P | A | Closest 3 measured behaviors |
| Judge | Lawyer |  |  |  |  |
| Judge | Paralegal |  |  |  |  |
| Lawyer | Judge |  |  |  |  |
| Lawyer | Paralegal |  |  |  |  |
| Paralegal | Lawyer |  |  |  |  |
| Paralegal | Judge |  |  |  |  |

1. Use the closest measured behavior to simulate the 6 optimally confirming events, and report the:

* Actor and object emotions following the event
* Actor and object labels
* Actor and object next behaviors

**NB:** use the 3 digit EPA profile, not the closest measured behavior. To do this, first, go to the ‘define situation’ page and choose the identity for Actor for person 1 and the identity for Object for person 2. Then go to the ‘define events’ page, and in the very bottom right, copy and paste the 3 digit profile,

**Judge \_\_\_\_\_\_\_ Lawyer**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Measure | E | P | A | Closest term |
| Actor emotions |  |  |  |  |
| Actor behaviors |  |  |  |  |
| Actor labels |  |  |  |  |
| Object emotions |  |  |  |  |
| Object behaviors |  |  |  |  |
| Object labels |  |  |  |  |

**Judge \_\_\_\_\_\_\_ Paralegal**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Measure | E | P | A | Closest term |
| Actor emotions |  |  |  |  |
| Actor behaviors |  |  |  |  |
| Actor labels |  |  |  |  |
| Object emotions |  |  |  |  |
| Object behaviors |  |  |  |  |
| Object labels |  |  |  |  |

**Lawyer \_\_\_\_\_\_\_ Judge**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Measure | E | P | A | Closest term |
| Actor emotions |  |  |  |  |
| Actor behaviors |  |  |  |  |
| Actor labels |  |  |  |  |
| Object emotions |  |  |  |  |
| Object behaviors |  |  |  |  |
| Object labels |  |  |  |  |

**Lawyer \_\_\_\_\_\_\_ Paralegal**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Measure | E | P | A | Closest term |
| Actor emotions |  |  |  |  |
| Actor behaviors |  |  |  |  |
| Actor labels |  |  |  |  |
| Object emotions |  |  |  |  |
| Object behaviors |  |  |  |  |
| Object labels |  |  |  |  |

**Paralegal \_\_\_\_\_\_\_ Judge**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Measure | E | P | A | Closest term |
| Actor emotions |  |  |  |  |
| Actor behaviors |  |  |  |  |
| Actor labels |  |  |  |  |
| Object emotions |  |  |  |  |
| Object behaviors |  |  |  |  |
| Object labels |  |  |  |  |

**Paralegal \_\_\_\_\_\_\_ Lawyer**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Measure | E | P | A | Closest term |
| Actor emotions |  |  |  |  |
| Actor behaviors |  |  |  |  |
| Actor labels |  |  |  |  |
| Object emotions |  |  |  |  |
| Object behaviors |  |  |  |  |
| Object labels |  |  |  |  |

**Discussion Questions:**

1. How do the predicted behaviors to occur within these healthcare dyads follow what you would expect?
2. Do the resulting emotions and behaviors of the identities have implications for healthcare interactions?