



(a) Tasks: ret1 and ret7

(b) Tasks: plus2 and plus5

Figure III: We vary the proportion,  $\lambda$ , between two tasks and observe how the output probabilities for the correct answers change. The proportion  $\lambda$  is varied in two ways: (1) in the top row, we plot the output from patching in a convex combination of task vectors for two tasks. (2) in the bottom row, we plot the output from a mixed proportion of in-context examples for the two tasks. Subplot (a) shows the output probabilities from mixing two retrieval tasks and (b) shows the probabilities from mixing two addition tasks.