Part 1

- **1 c iii** Do we need to write vectors eHat and Yhat in full in the report?
- **1 c viii** What are the degrees of freedom of the F-statistic in question? Is it not dimX=2?
- **1 f** we can; t test it because there exists no reduced model for Y = X0 * beta0
- **2 a** I do we need to center the data beforehand? Do we call it ttest(Y0, Y1)? That gives the same statistic as in the prev question t=-6.99, but it should be different because this is a paired t-test

Part 2

- **1 d** iii do we check duplicates in the actual permutations or in the t-values? If two permutations have $G0=\{3\ 1\ 2\ 9\ 4\ 7\}$ and $G0=\{1\ 3\ 2\ 9\ 4\ 7\}$, do we consider them to be duplicates or not?
- **2 b** For each permutation, do we compute the t-values for all voxels in the image (40x40x40 t-values) and then find the t-max? And then repeat the process for all the 12,000 t-maxes?
- **2 d**. the answer is just one number corresponding to the t-threshold among the 12,000 t-max values, right? That is, t_threshold = sorted_tmax(12,000 * 95/100)
- **2. c** how do we correct the p-value for multiple comparisons? Maybe p = p / 12,000?