1. Was able to simulate the PC.skel method for conditional independence.
2. Was able to create an output of an adjacency matrix using the MXM method of PC looking into how to apply the graphing of the causal learn package using the aforementioned adjacency matrix.
3. Outputs for both rFCI and FGES in Outputs for comparison folder in iRCT repository.
4. Added the two functions outdated iRCT functions back to the bottom of the iRCT.py, and updated the README to include the functions as well as the current propensity score function
5. Added the new subfunction for the transform function of MBIL.
6. MBIL Outputs also added to Outputs for comparison folder in iRCT repository. There also seems to be an error where if the target column has no parents it throws an error.

Traceback (most recent call last):

File "c:\Users\17172\Desktop\MBIL\app.py", line 61, in <module>

direct\_cause\_obj = mbilsearch.directCause(

^^^^^^^^^^^^^^^^^^^^^^^

File "c:\Users\17172\Desktop\MBIL\mbil\mbilsearch.py", line 25, in \_\_init\_\_

self.direc\_cause = self.detecting\_direct\_cause()

^^^^^^^^^^^^^^^^^^^^^^^^^^^^^

File "c:\Users\17172\Desktop\MBIL\mbil\mbilsearch.py", line 81, in detecting\_direct\_cause

blockersofsizeI = getsubsets(cur\_parent,i)

^^^^^^^^^^^^^^^^^^^^^^^^

File "c:\Users\17172\Desktop\MBIL\mbil\mbilsearch.py", line 53, in getsubsets

dfs(input, length, 0, [], res)

File "c:\Users\17172\Desktop\MBIL\mbil\mbilsearch.py", line 47, in dfs

element = input[start\_index]

~~~~~^^^^^^^^^^^^^

IndexError: list index out of range

1. Current tech report pushed to iRCT repository.