Main script run chronology for full analysis output

1. VAD_analysis
    a. `Run.m`
        i. INPUT: Folder containing audio files of patient speech task, spreadsheet *mcginnisdissertation8.2.16.UPDATED.VALUES.xlsx*
        ii. OUTPUT: Folder of patient mat files with following variables:
            - `filename`
            - `audioName`
            - `indSpeechStart`
            - `indSpeechStop`
            - `audioWExt`
            - `patientDx`
2. GUI_data_processing
    a. `GUI_speech_epoch_play_and_label.mlapp`
        i. INPUT: Folder containing patient mat files with respective speech task audio files
        ii. OUPUT (appended to patient mat file):
            - `EpochLabel`
            - `mediationDescription` (if mediating)
3. post_VAD_analysis
    a. feature_analysis
        i. `speechAnalysis_label_filtered.m`
            - INPUT: Folder containing patient mat files with respective speech task audio files
            - OUTPUT (appended to patient mat file):
                - `analysisTablePauseDetailsPatient`
                - `analysisTableSpeechDetailsPatient`
                - `analysisTableSummaryPatient`
                - `energyMatrixPatientOnly`
4. post_VAD_analysis
    a. data_processing
        i. `tri_partition_data.m`
            - INPUT: Folder containing patient mat files
            - OUTPUT (appended to patient mat file):
                - `analysisTableSummaryPartition1`
                - `analysisTableSummaryPartition2`
                - `analysisTableSummaryPartition3`
                - `analysisTableSpeechDetailsPartition1`
                - `analysisTableSpeechDetailsPartition2`
                - `analysisTableSpeechDetailsPartition3`
                - `analysisTablePauseDetailsPartition1`
                - `analysisTablePauseDetailsPartition2`
                - `analysisTablePauseDetailsPartition3`
                - `energyMatrixP1`

        - `energyMatrixP2`
        - `energyMatrixP3`

5. post_VAD_analysis
    a. statistical_analysis
        i. `correlation_script_tri_partition.m`
            - INPUT: Folder containing patient mat files, spreadsheet *mcginnisdissertation8.2.16.UPDATED.VALUES.xlsx*
            - OUTPUT: Tables `Tpartition` representing all spearman correlations with all partitioned features
6. post_VAD_analysis
    a. data_processing
        i. `print_tri_partition_features_with_CBCL.m`
            - INPUT: Folder containing patient mat files
            - OUPUT: Tables `T` representing all features for each partition with respective patient CBCL values
7. post_VAD_analysis
    a. machine_model
        i. `ROC_model_train_increasing_selected_features.m`
            - INPUT: Three excel spreadsheets with printed CBCL and features for every patient with respective tri paritions (output from *6.*)
            - OUPTUT: Figure with 15 subplots representing ROC curves for each partition with increasing selected features. Respective model values for each curve (AUCpre, ACC, SPEC, SENS)
8. Post_VAD_analysis
    a. machine_model
        i. `main.m`
            - INPUT: Single excel spreadsheet with printed CBCL and features for one of the three tri partitions (whichever proved the best output from *7.*)
            - OUPUT: All values pertaining to modeling analysis and significance, including correlations with respective patient CBCL values