

Figure 1: first scan with every other parameters are set to 0

After finding a good scan range, I begin to scan through every c_i' in a specific range and update the minimum value each scan, as the figure below 2

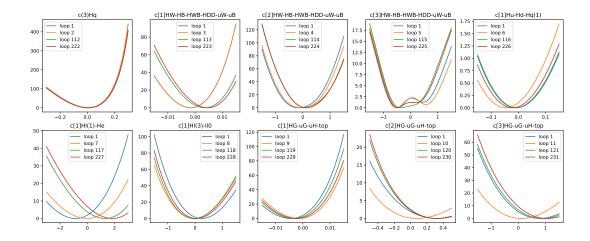


Figure 2: plot of negative likelihood, for each plot, only relevent coefficient is scanned, others are fixed