

TEST CASE DATA for No Interruption:

admission_type = 'EMERGENCY'
discharge_location = 'HOME'
ethnicity = 'WHITE'
cpt_cd = ['99291', '99233', '99239']
all_diagnosis = '99749,0389,99591,42832,5180,5761,V1251,V1255'
gender = 'M'
age = 50
drg_type = 'APR'
drg_code = 1304.0
description = 'TRACHEOSTOMY WITH MECHANICAL VENTILATION 96+'
drg_severity = 4
drg_mortality = 3
procedure_pairs = [[1, 311],[2, 3323], [3, 13], [4, 9672]]'
lab_events = [(51279, '4.72', 'normal', 6.430555555555555)]

TEST CASE DATA for Interruption:

admission_type = 'EMERGENCY'
discharge_location = 'HOME HEALTH CARE'
ethnicity = 'OTHER'
cpt_cd = ['99233, 99356']
all_diagnosis =
'41071,42823,5849,4280,40390,41401,2724,25000,v4581,v4582,78052,5853,4439,v5867,v
4986,2749,3004,e9478'
gender = 'M'
age = 76
drg_type = 'APR'
drg_code = 1903
description = 'acute myocardial infarction'
drg_severity = 3
drg_mortality = 4
procedure_pairs = [, 3722],[2, 8856], [3, 8853]
lab_events = '[51250, 82, normal, 434, 51265, 416, normal, 434, 51277, 177, abnormal, 434,
51279, 365, abnormal, 434, 51301, 93, normal, 434, 50868, 21, abnormal, 389, 50882, 29,
normal, 389, 50893, 94, normal, 389, 50902, 85, abnormal, 389, 50912, 29, abnormal, 389,

50931, 237, abnormal, 389, 50960, 27, abnormal, 389, 50970, 43, normal, 389, 50971, 43, normal, 389, 50983, 131, abnormal, 389, 51006, 102, abnormal, 389, 50868, 18, normal, 332, 50882, 33, abnormal, 332, 50893, 94, normal, 332, 50902, 90, abnormal, 332, 50912, 26, abnormal, 332, 50931, 136, abnormal, 332, 50960, 29, abnormal, 332, 50970, 43, normal, 332, 50971, 40, normal, 332, 50983, 137, normal, 332, 51006, 108, abnormal, 332, 51221, 315, abnormal, 332, 51222, 101, abnormal, 332, 51248, 258, abnormal, 332, 51249, 322, normal, 332, 51250, 80, abnormal, 332, 51265, 400, normal, 332, 51277, 176, abnormal, 332, 51279, 392, abnormal, 332, 51301, 98, normal, 332, 50868, 18, normal, 299, 50882, 30, normal, 299, 50893, 89, normal, 299, 50902, 86, abnormal, 299, 50912, 29, abnormal, 299, 50931, 291, abnormal, 299, 50960, 28, abnormal, 299, 50970, 47, abnormal, 299, 50971, 42, normal, 299, 50983, 130, abnormal, 299, 51006, 111, abnormal, 299, 50868, 17, normal, 234, 50882, 33, abnormal, 234, 50893, 93, normal, 234, 50902, 90, abnormal, 234, 50912, 28, abnormal, 234, 50931, 194, abnormal, 234, 50960, 30, abnormal, 234, 50970, 46, abnormal, 234, 50971, 37, normal, 234, 50983, 136, normal, 234, 51006, 125, abnormal, 234, 51221, 285, abnormal, 234, 51222, 93, abnormal, 234, 51237, 11, normal, 234, 51248, 258, abnormal, 234, 51249, 326, normal, 234, 51250, 79, abnormal, 234, 51265, 385, normal, 234, 51274, 131, normal, 234, 51275, 268, normal, 234, 51277, 178, abnormal, 234, 51279, 360, abnormal, 234, 51301, 97, normal, 234, 50868, 19, normal, 189, 50882, 31, normal, 189, 50893, 92, normal, 189, 50902, 87, abnormal, 189, 50912, 29, abnormal, 189, 50931, 202, abnormal, 189, 50960, 29, abnormal, 189, 50970, 43, normal, 189, 50971, 44, normal, 189, 50983, 133, normal, 189, 51006, 122, abnormal, 189, 50868, 18, normal, 135, 50882, 30, normal, 135, 50893, 91, normal, 135, 50902, 90, abnormal, 135, 50909, 218, abnormal, 135, 50912, 28, abnormal, 135, 50931, 183, abnormal, 135, 50960, 29, abnormal, 135, 50970, 45, normal, 135, 50971, 42, normal, 135, 50983, 134, normal, 135, 51006, 139, abnormal, 135, 50868, 20, normal, 1013, 50882, 25, normal, 1013, 50902, 99, normal, 1013, 50908, 104, abnormal, 1013, 50910, 115, normal, 1013, 50911, 12, abnormal, 1013, 50912, 17, abnormal, 1013, 50931, 314, abnormal, 1013, 50971, 45, normal, 1013, 50983, 139, normal, 1013, 51003, 013, abnormal, 1013, 51006, 41, abnormal, 1013, 51146, 03, normal, 1013, 51200, 03, normal, 1013, 51221, 323, abnormal, 1013, 51222, 104, abnormal, 1013, 51237, 11, normal, 1013, 51244, 40, abnormal, 1013, 51248, 273, normal, 1013, 51249, 322, normal, 1013, 51250, 85, normal, 1013, 51254, 22, normal, 1013, 51256, 932, abnormal, 1013, 51265, 352, normal, 1013, 51274, 131, normal, 1013, 51275, 244, normal, 1013, 51277, 187, abnormal, 1013, 51279, 382, abnormal, 1013, 51301, 129, abnormal, 1013, 50813, 36, abnormal, 1012, 51463, few, normal, 1011, 51464, neg, normal, 1011, 51466, neg, normal, 1011, 51476, 02, normal, 1011, 51478, neg, normal, 1011, 51484, neg, normal, 1011, 51486, neg, normal, 1011, 51487, neg, normal, 1011, 51491, 50, normal, 1011, 51492, tr, normal, 1011, 51493, 02, normal, 1011, 51498, 1014,

normal, 1011, 51506, clear, normal, 1011, 51508, yellow, normal, 1011, 51514, neg, normal, 1011, 51516, 02, normal, 1011, 51519, none, normal, 1011, 50868, 16, normal, 979, 50882, 26, normal, 979, 50893, 83, abnormal, 979, 50902, 94, abnormal, 979, 50908, 101, abnormal, 979, 50910, 730, abnormal, 979, 50911, 74, abnormal, 979, 50912, 16, abnormal, 979, 50931, 492, abnormal, 979, 50960, 22, normal, 979, 50970, 34, normal, 979, 50971, 40, normal, 979, 50983, 132, abnormal, 979, 51003, 177, abnormal, 979, 51006, 36, abnormal, 979, 50868, 14, normal, 935, 50882, 30, normal, 935, 50893, 86, normal, 935, 50902, 100, normal, 935, 50908, 49, normal, 935, 50910, 590, abnormal, 935, 50911, 29, abnormal, 935, 50912, 18, abnormal, 935, 50931, 211, abnormal, 935, 50960, 24, normal, 935, 50970, 35, normal, 935, 50971, 42, normal, 935, 50983, 140, normal, 935, 51003, 301, abnormal, 935, 51006, 44, abnormal, 935, 51221, 276, abnormal, 935, 51222, 89, abnormal, 935, 51237, 12, abnormal, 935, 51248, 271, normal, 935, 51249, 325, normal, 935, 51250, 84, normal, 935, 51265, 320, normal, 935, 51274, 136, abnormal, 935, 51275, 256, normal, 935, 51277, 189, abnormal, 935, 51279, 330, abnormal, 935, 51301, 129, abnormal, 935, 50868, 15, normal, 889, 50882, 25, normal, 889, 50893, 83, abnormal, 889, 50902, 98, normal, 889, 50910, 324, abnormal, 889, 50911, 9, normal, 889, 50912, 18, abnormal, 889, 50931, 269, abnormal, 889, 50960, 24, normal, 889, 50970, 35, normal, 889, 50971, 44, normal, 889, 50983, 134, normal, 889, 51003, 187, abnormal, 889, 51006, 47, abnormal, 889, 50802, 7, normal, 869, 50804, 33, abnormal, 869, 50818, 42, normal, 869, 50820, 749, abnormal, 869, 50821, 76, abnormal, 869, 50910, 251, normal, 864, 50911, 6, normal, 864, 51003, 188, abnormal, 864, 50868, 17, normal, 834, 50882, 32, normal, 834, 50893, 90, normal, 834, 50902, 94, abnormal, 834, 50910, 181, normal, 834, 50911, 4, normal, 834, 50912, 19, abnormal, 834, 50931, 180, abnormal, 834, 50960, 24, normal, 834, 50970, 34, normal, 834, 50971, 31, abnormal, 834, 50983, 140, normal, 834, 51003, 225, abnormal, 834, 51006, 49, abnormal, 834, 51221, 275, abnormal, 834, 51222, 91, abnormal, 834, 51237, 13, abnormal, 834, 51248, 277, normal, 834, 51249, 330, normal, 834, 51250, 84, normal, 834, 51265, 295, normal, 834, 51274, 148, abnormal, 834, 51275, 338, normal, 834, 51277, 185, abnormal, 834, 51279, 328, abnormal, 834, 51301, 110, normal, 834, 50868, 17, normal, 793, 50882, 32, normal, 793, 50893, 91, normal, 793, 50902, 93, abnormal, 793, 50868, 19, normal, 091, 50882, 29, normal, 091, 50893, 90, normal, 091, 50902, 88, abnormal, 091, 50912, 26, abnormal, 091, 50931, 193, abnormal, 091, 50960, 29, abnormal, 091, 50970, 46, abnormal, 091, 50971, 45, normal, 091, 50983, 131, abnormal, 091, 51006, 139, abnormal, 091, 51221, 297, abnormal, 091, 51222, 94, abnormal, 091, 51248, 254, abnormal, 091, 51249, 315, normal, 091, 51250, 81, abnormal, 091, 51265, 375, normal, 091, 51277, 182, abnormal, 091, 51279, 368, abnormal, 091, 51301, 103, normal, 091, 50868, 16, normal, 035, 50882, 31, normal, 035, 50893, 91, normal, 035, 50902, 93, abnormal, 035, 50912, 22, abnormal, 035, 50931, 112, abnormal, 035, 50960, 30, abnormal,

035, 50970, 44, normal, 035, 50971, 41, normal, 035, 50983, 136, normal, 035, 51006, 130, abnormal, 035, 51221, 286, abnormal, 035, 51222, 91, abnormal, 035, 51248, 256, abnormal, 035, 51249, 319, normal, 035, 51250, 80, abnormal, 035, 51265, 363, normal, 035, 51277, 183, abnormal, 035, 51279, 357, abnormal, 035, 51301, 99, normal, 035, 51491, 60, normal, 007, 51498, 1008, normal, 007, 50912, 20, abnormal, 793, 50931, 241, abnormal, 793, 50960, 25, normal, 793, 50970, 34, normal, 793, 50971, 37, normal, 793, 50983, 138, normal, 793, 51006, 52, abnormal, 793, 51275, 353, abnormal, 793, 51275, 528, abnormal, 759, 50868, 16, normal, 735, 50882, 34, abnormal, 735, 50893, 93, normal, 735, 50902, 95, abnormal, 735, 50910, 91, normal, 735, 50911, 3, normal, 735, 50912, 19, abnormal, 735, 50931, 128, abnormal, 735, 50960, 26, normal, 735, 50970, 32, normal, 735, 50971, 34, normal, 735, 50983, 142, normal, 735, 51003, 315, abnormal, 735, 51006, 55, abnormal, 735, 51221, 275, abnormal, 735, 51222, 90, abnormal, 735, 51237, 12, abnormal, 735, 51248, 274, normal, 735, 51249, 329, normal, 735, 51250, 83, normal, 735, 51265, 296, normal, 735, 51274, 137, abnormal, 735, 51275, 493, abnormal, 735, 51277, 182, abnormal, 735, 51279, 330, abnormal, 735, 51301, 98, normal, 735, 50868, 17, normal, 68, 50882, 34, abnormal, 68, 50893, 93, normal, 68, 50902, 92, abnormal, 68, 50912, 22, abnormal, 68, 50931, 301, abnormal, 68, 50960, 27, abnormal, 68, 50970, 39, normal, 68, 50971, 43, normal, 68, 50983, 139, normal, 68, 51006, 66, abnormal, 68, 50868, 18, normal, 643, 50882, 34, abnormal, 643, 50893, 94, normal, 643, 50902, 93, abnormal, 643, 50912, 20, abnormal, 643, 50931, 153, abnormal, 643, 50960, 28, abnormal, 643, 50970, 40, normal, 643, 50971, 44, normal, 643, 50983, 141, normal, 643, 51006, 68, abnormal, 643, 51221, 303, abnormal, 643, 51222, 100, abnormal, 643, 51248, 276, normal, 643, 51249, 331, normal, 643, 51250, 83, normal, 643, 51265, 369, normal, 643, 51277, 180, abnormal, 643, 51279, 365, abnormal, 643, 51301, 84, normal, 643, 50868, 17, normal, 59, 50882, 37, abnormal, 59, 50893, 98, normal, 59, 50902, 88, abnormal, 59, 50912, 26, abnormal, 59, 50931, 195, abnormal, 59, 50960, 28, abnormal, 59, 50970, 45, normal, 59, 50971, 41, normal, 59, 50983, 138, normal, 59, 51006, 79, abnormal, 59, 50868, 17, normal, 532, 50882, 37, abnormal, 532, 50893, 97, normal, 532, 50902, 90, abnormal, 532, 50912, 23, abnormal, 532, 50931, 181, abnormal, 532, 50960, 31, abnormal, 532, 50970, 41, normal, 532, 50971, 38, normal, 532, 50983, 140, normal, 532, 51006, 85, abnormal, 532, 51221, 315, abnormal, 532, 51222, 99, abnormal, 532, 51237, 12, abnormal, 532, 51248, 257, abnormal, 532, 51249, 315, normal, 532, 51250, 82, normal, 532, 51265, 392, normal, 532, 51274, 136, abnormal, 532, 51275, 257, normal, 532, 51277, 177, abnormal, 532, 51279, 387, abnormal, 532, 51301, 101, normal, 532, 50868, 19, normal, 497, 50882, 37, abnormal, 497, 50893, 98, normal, 497, 50902, 85, abnormal, 497, 50912, 28, abnormal, 497, 50931, 258, abnormal, 497, 50960, 29, abnormal, 497, 50970, 38, normal, 497, 50971, 45, normal, 497, 50983, 136, normal, 497, 51006, 87, abnormal, 497, 50868, 19, normal, 434, 50882,

32, normal, 434, 50893, 95, normal, 434, 50902, 90, abnormal, 434, 50912, 27, abnormal,
434, 50931, 145, abnormal, 434, 50960, 28, abnormal, 434, 50970, 42, normal, 434, 50971,
39, normal, 434, 50983, 137, normal, 434, 51006, 98, abnormal, 434, 51221, 301, abnormal,
434, 51222, 94, abnormal, 434, 51248, 257, abnormal, 434, 51249, 313, normal, 434]'