covidtest

hospcore - hospital admissions patient_id covid_test_result sample_collection_date patient id admit date diagnosis code 1 diagnosis code 20 1001 Positve 2021-03-05 1001 2021-03-08 U071 .. 1001 Negative 2021-03-06 1001 2021-04-03 J128 1001 Positive 2021-03-08 [filter] [filter] admit_date within period of study covid test result = Positive patient id <> B00000000 patient id <> B00000000 a Covid-related ICD code present in any diagnosis code column sample_collection_date within period of study [transpose] [transpose] day_k day_1 day_4 day_k day_1 day_4 patient id day_2 day_3 patient id day_2 day_3 (2021-03-05) (2021-03-05) (2021-03-08) (2021-04-03)(2021-03-08) (2021-04-03) 0 1001 0 0 0 2 0 1 0 1 0 1001 0 [merge] combine rows with the same patient_id by summing up the columns day_1 day_4 day_k day_2 day_3 patient_id (2021-03-05) (2021-03-08)(2021-04-03) 3 1001 1 0 0 0 2 [transform] 4-step process the goal is for each patient journey to have at most one capture and one recapture obs a day_k day_1 day_4 day_3 patient_id day_2 (2021-03-05) (2021-03-08)(2021-04-03) h_2 1001 0 0 0 obs_b [transform] 2s to 1s day k day_1 day 4 day_3 patient_id day_2 (2021-03-05) (2021-03-08)(2021-04-03) h

0

0

1

1

1001

0

0