Input Data

PHQ9 Table
Description: A history of all patients PHQ9s

Required Column Names	patient_id	patient_DOB	encounter_id	encounter_datetime	total_score
Basic Descriptions	Unique Patient Identifier: - (YES duplicates allowed) - (Must be related to other Patient IDs)	Patients' Date of Birth to determine age at time of PHQ9 encounter	Unique Identifier Per administered PHQ9 - (NO duplicates allowed)	Date PHQ9 was administered	Total Score of PHQ9
	1001	7/15/1985	5001	1/10/2023	5
	1001	7/15/1985	5002	8/12/2023	10
	1002	3/22/1992	5003	5/18/2022	8
	1002	3/22/1992	5004	12/5/2022	12
	1003	9/30/1978	5005	2/14/2023	15
	1003	9/30/1978	5006	9/1/2023	18
	1004	6/10/2000	5007	7/21/2022	3
	1004	6/10/2000	5008	3/2/2023	7
	1005	11/5/1995	5009	9/15/2021	20
	1005	11/5/1995	5010	5/20/2022	16

Diagnosis Table
Description: All the diagnoses patients have received.

Required Column Names	patient_id	encounter_datetime	diagnosis
Basic Descriptions	Unique Patient Identifier: - (YES duplicates allowed) - (Must be related to other Patient IDs)	Any date at which patients had any diagnosis	ICD10 Codes to determine whether patients are excluded from the measure
	1001	1/10/2023	F32.0
	1001	8/12/2023	F33.1
	1002	5/18/2022	F41.1
	1002	12/5/2022	F32.1
	1003	2/14/2023	F33.2
	1003	9/1/2023	F32.9
	1004	7/21/2022	F40.10
	1004	3/2/2023	F41.9
	1005	9/15/2021	F32.2
	1005	5/20/2022	F33.3

Demographic Table
Description: Patients' race and ethnical background for stratification

Required Column Names	patient_id	race	ethnicity
Basic Descriptions	Unique Patient Identifier: - (NO duplicates allowed) - (Must be related to other Patient IDs)	Patients Race	Patients ethnicity
	1001	White	Not Hispanic/Latino
	1002	Black or African Amer	Hispanic/Latino
	1003	Asian	Not Hispanic/Latino
	1004	Native American	Not Hispanic/Latino
	1005	Other	Hispanic/Latino

Insurance Table
Description: A history of patients' insurances

Required Column Names	patient_id	insurance	start_datetime	end_datetime
Basic Descriptions	Unique Patient Identifier: - (YES duplicates allowed) - (Must be related to other Patient IDs)	Insurance Name. - Will only be classified as Medicaid if "medicaid" in name	Start Date of Insurance	End Date of Insurance. - (Blanks fill be filled with today)
	1001	Medicaid	1/1/2022	12/31/2024
	1002	Medicaid	6/15/2021	6/14/2023
	1003	Private	3/1/2023	2/28/2025
	1004	Uninsured	8/10/2022	8/9/2023
	1005	Medicaid	11/20/2020	11/19/2024

Output Data

Depression Remission Numerator and Denominator
Table Name: DEP_REM_sub_1

Required Column Names	patient_id	patient_measurement_year_id	encounter_id	age	medicaid	numerator	numerator_reason	delta_phq9
Basic Descriptions	Unique Patient Identifier: - (YES duplicates allowed) - (Must be related to other Patient IDs)	An ID created to match patients to the year in which their index visit occurred. Since a patient can have multiple index vists.	Unique Identifier for the PHQ9 administered at the index visit. This is kept so that there's still an option to connect back to the encounter in which it occurred for more info.	Whether the patient was a child or adult at the time of PHQ9 Administration.	Whether the patient was on Medicaid only at the time of the index visit	Whether they satisfied the conditions to be included in the numerator	An explanation of the numerator. For example, "No Remission" or " No PHQ-9 Follow Up"	The difference between the patient's index PHQ-9 and the last PHQ-9 in the remission period. If the last PHQ-9 is higher, the delta will be negative.
	1001	1001-2023	5002	18+	TRUE	FALSE	No Remission	
	1002	1002-2022	5004	18+	TRUE	FALSE	No Remission	
	1003	1003-2023	5005	18+	FALSE	FALSE	No Remission	
	1005	1005-2021	5009	18+	TRUE	FALSE	No Remission	
	1005	1005-2022	5010	18+	TRUE	FALSE	No Remission	

Depression Remission Stratification
Table Name: DEP_REM_sub_1_stratification

Required Column Names	patient_id	ethnicity	race
Basic Descriptions	Unique Patient Identifier: - (NO duplicates allowed) - (Must be related to other Patient IDs)	Patients' ethnicity	Patients' race
	1001	White	Not Hispanic/Latino
	1002	Black or African American	Hispanic/Latino
	1003	Asian	Not Hispanic/Latino
	1004	Native American	Not Hispanic/Latino
	1005	Other	Hispanic/Latino