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create temporary table selfharm\_snomed as

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--Temporary table of ICD-9/ICD-10 concept\_id that map to SNOMED self-harm terms

create temporary table selfharm\_mapped\_icd as

select

 distinct concept\_id\_1 as concept\_id from concept\_relationship

where

 relationship\_id = 'Maps to' and

 concept\_id\_1 in (select concept\_id from selfharm\_icd) and

 concept\_id\_2 in (select concept\_id from selfharm\_snomed);

--Temporary table of ICD-9/ICD-10 concept\_id that DO NOT map to SNOMED self-harm terms

create temporary table selfharm\_unmapped\_icd as

select \* from selfharm\_icd where selfharm\_icd.concept\_id not in (select \* from selfharm\_mapped\_icd);

--Output all of the ICD codes that do not have a SNOMED self-harm mapping and all of their 'Maps to' concept\_relationship records

create temporary table selfharm\_problems as

select selfharm\_unmapped\_icd.\*,

 concept\_relationship.concept\_id\_1,

 concept\_relationship.relationship\_id,

 concept\_relationship.concept\_id\_2,

 concept.concept\_id as mapped\_concept\_id,

 concept.concept\_name as mapped\_concept\_name

from

 selfharm\_unmapped\_icd

left join

 concept\_relationship on selfharm\_unmapped\_icd.concept\_id = concept\_relationship.concept\_id\_1 and concept\_relationship.relationship\_id='Maps to'

left join

 concept on concept.concept\_id = concept\_relationship.concept\_id\_2

ORDER by concept\_relationship.concept\_id\_1;

\COPY (select \* from selfharm\_problems) to 'selfharm\_problems.txt' WITH DELIMITER E'\t' CSV HEADER QUOTE E'\b';