CE16: Distribution of condition era length, stratified by condition and condition type

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| This query is used to provide summary statistics for the condition era length across all condition era records stratified by condition (condition\_concept\_id) and condition type (condition\_type\_concept\_id, in CDM V2 condition\_occurrence\_type): the mean, the standard deviation, the minimum, the 25th percentile, the median, the 75th percentile, the maximum and the number of missing values. The length of an era is defined as the difference between the start date and the end date. The input to the query is a value (or a comma-separated list of values) of a condition\_concept\_id and a condition\_type\_concept\_id. If the input is omitted, all existing value combinations are summarized.  **Input:**   |  |  |  |  | | --- | --- | --- | --- | | **Parameter** | **Example** | **Mandatory** | **Notes** | | condition\_concept\_id |  | No |  | | condition\_type\_concept\_id |  | No |  |   **Sample query run:** The following is a sample run of the query. The input parameters are highlighted in **blue**  SELECT  condition\_concept\_id,  MIN( condition\_occurrence\_count ) AS min ,  max( condition\_occurrence\_count ) AS max,  avg( condition\_occurrence\_count ) AS average ,  round( stdDev( condition\_occurrence\_count ) ) AS stdDev,  percentile\_25,  median,  percentile\_75  FROM (  select  condition\_concept\_id,  condition\_occurrence\_count,  PERCENTILE\_DISC(0.25) WITHIN GROUP (ORDER BY condition\_occurrence\_count) over() AS percentile\_25,  PERCENTILE\_DISC(0.5) WITHIN GROUP (ORDER BY condition\_occurrence\_count) over() AS median ,  PERCENTILE\_DISC(0.75) WITHIN GROUP (ORDER BY condition\_occurrence\_count) over() AS percentile\_75  from condition\_era  WHERE condition\_concept\_id IN( **254761, 257011, 320128, 432867, 25297** )  )  GROUP BY  condition\_concept\_id,  percentile\_25,  median,  percentile\_75  ;  **Output:** Output field list:   |  |  | | --- | --- | | **Field** | **Description** | | condition\_concept\_id | A foreign key that refers to a standard condition concept identifier in the vocabulary. | | min |  | | max |  | | avg |  | | stdDev |  | | percentile\_25 |  | | median |  | | percential\_75 |  |   Sample output record:   |  |  | | --- | --- | | **Field** | **Description** | | condition\_concept\_id |  | | min |  | | max |  | | avg |  | | stdDev |  | | percentile\_25 |  | | median |  | | percential\_75 |  | |