### DRC07: Distribution of costs paid by payer.

This query is used to to provide summary statistics for costs paid by coinsurance (paid\_coinsurance) across all drug cost records: the mean, the standard deviation, the minimum, the 25th percentile, the median, the 75th percentile, the maximum and the number of missing values. No input is required for this query.

**Sample query:**

with tt as (

SELECT t.paid\_patient\_coinsurance AS stat\_value

FROM cost t

where t.paid\_patient\_coinsurance > 0

)

SELECT

min(tt.stat\_value) AS min\_value,

max(tt.stat\_value) AS max\_value,

avg(tt.stat\_value) AS avg\_value,

(round(stdDev(tt.stat\_value)) ) AS stdDev\_value ,

(select distinct PERCENTILE\_DISC(0.25) WITHIN GROUP(ORDER BY tt.stat\_value) OVER() from tt) AS percentile\_25,

(select distinct PERCENTILE\_DISC(0.5) WITHIN GROUP (ORDER BY tt.stat\_value) OVER() from tt) AS median\_value,

(select distinct PERCENTILE\_DISC(0.75) WITHIN GROUP (ORDER BY tt.stat\_value) OVER() from tt) AS percential\_75

FROM

tt;

**Input:**

None

**Output:**

|  |
| --- |
|  |
| **Field** | **Description** |
| min\_value | The portion of the drug expenses due to the cost charged by the manufacturer for the drug, typically a percentage of the Average Wholesale Price. |
| max\_value |  |
| avg\_value |  |
| stdDev\_value |  |

**Sample output record:**

|  |  |
| --- | --- |
| **Field** | **Description** |
| min\_value |  |
| max\_value |  |
| avg\_value |  |
| stdDev\_value |  |