Checking Lab Range

MS Registry DQ Work

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# Summary

This is to examine the MS lab and imaging data and help make a decision where some variables might have ambiguous “standard units”.

# Variables

## Lymphocytes

Here’s a summary of the results recorded for Lymphocytes.

|  | min | Q1 | median | Q3 | max | mean | sd | n | missing |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | 0.1 | 16.4 | 23.8 | 31.325 | 4924 | 29.11593 | 97.28971 | 6836 | 28 |

Here, only 34 observations out of 6864 is over 100, which accounts for 0.5%.

| category | n | percentage |
| --- | --- | --- |
| Over 100 | 34 | 0.50 |
| Under or Equal to 100 | 6802 | 99.10 |
| NA | 28 | 0.41 |

| category | n | percentage |
| --- | --- | --- |
| 0 to 10 | 695 | 10.13 |
| 10 to 65 | 6088 | 88.69 |
| 65 to 100 | 19 | 0.28 |
| Over 100 | 34 | 0.50 |
| NA | 28 | 0.41 |

Setting a lower bound of range check to be 10% means we will see 695 observations in the report, which accounts for 10.1252914% of the observations.

# Session Information