Checking Lab Range

MS Registry DQ Work

Ziyu Huang

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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%.

# A tibble: 3 × 3  
 category n percentage  
 <chr> <int> <dbl>  
1 Over 100 34 0.495  
2 Under or Equal to 100 6802 99.1   
3 <NA> 28 0.408

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

# A tibble: 5 × 3  
 category n percentage  
 <chr> <int> <dbl>  
1 0 to 10 695 10.1   
2 10 to 65 6088 88.7   
3 65 to 100 19 0.277  
4 Over 100 34 0.495  
5 <NA> 28 0.408

| 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 |

# Session Information