

## 5. Statistical Wonderland

*(Winter Wonderland)*

*Sampling, all the data,  
Stratified, and clustered later.  
A beautiful sight,  
Number crunching tonight,  
Walking in a statistical wonderland.*

*Gone away is the confusion,  
Here to stay is my conclusion.  
With graphs that we plot,  
And insights we've got,  
Walking in a statistical wonderland.*

*In the middle we can find the median,  
Add them and divide, that is the mean.  
Take the bottom from the top for the range,  
And the mode is the most popular in town.*

*Later on, we'll find an outlier,  
Further out than we'd desire.  
Use the data we've got,  
To draw a box plot,  
Walking in a statistical wonderland.*

*In the middle we can find the median,  
Add them and divide, that is the mean.  
Find the upper and the lower quartiles,  
The interquartile range is what's between.*

*Histograms, aren't they thrilling?  
But you feel, there's something missing?  
Since  $\mu$  went away, it feels mean to stay..  
Walking in a statistical wonderland.*