

Hi Andrey,

Yes I think what you're saying makes sense. I think this is a limitation in the Distribution platform currently and it would be good for us to have this functionality (it seems to me one of the should-be-native Axis "transform" options which we haven't implemented).

Would it be possible or you to submit this feature request to the JMP Wishlist? (community.jmp.com/WISHLIST)

Our product management team will pick it up this way and communicate with software r&d to decide whether or not to consider it (and when) for the development pipeline.

Thank you so much for surfacing this one.

Cheers,
Patrick

From: Andrey Soukhojak
Sent: Monday, March 13, 2023 5:29 AM
To: Patrick Giuliano
Subject: only Count axis labels changed to log(Count), not the desired axis scaling

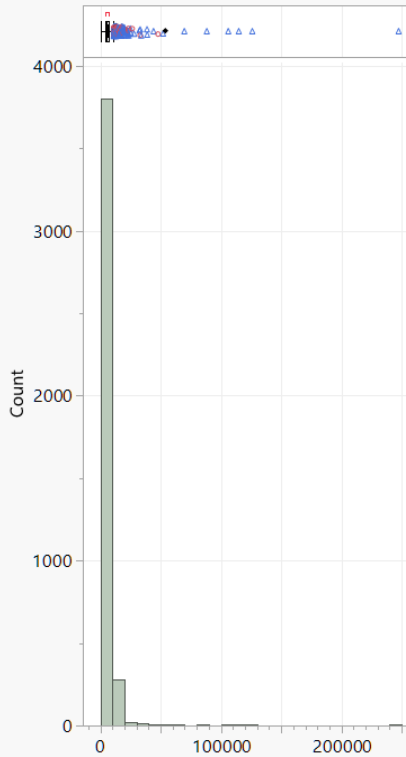
Patrick,

Thank you for the video guide. Unfortunately, your trick only changes the tick **labels** to log(Count) values, while not changing the axis **scaling**.

E.g. in two graphs below only the tick labels changed, while the histogram remained exactly the same with a huge disparity of bar heights I am trying to mitigate by showing the Count axis in log scale. If you save a histogram as a table with a new column "Count" and plot the Count axis in log scale in Graph Builder, you'll see what I am trying to display in the Distributions platform. I know $\log(0)$ is not defined, so a histogram bar with log scale of the Count axis should just be absent, if the Count=0. Makes sense?

Distributions

Mean(r)



Quantiles

| | | |
|--------|----------|-----------|
| 100.0% | maximum | 247379.35 |
| 99.5% | | 25346.546 |
| 97.5% | | 14324.386 |
| 90.0% | | 9073.2421 |
| 75.0% | quartile | 6762.6327 |
| 50.0% | median | 5250.7914 |
| 25.0% | quartile | 3900.9505 |
| 10.0% | | 2016.7568 |
| 2.5% | | 1129.3711 |
| 0.5% | | 717.6212 |
| 0.0% | minimum | 352.9285 |

Summary Statistics

| | |
|----------------|-----------|
| Mean | 5879.8933 |
| Std Dev | 6223.7664 |
| Std Err Mean | 97.139688 |
| Upper 95% Mean | 6070.3398 |
| Lower 95% Mean | 5689.4469 |
| N | 4105 |
| CV | 105.84829 |
| N Unique | 3873 |
| Minimum | 352.9285 |
| Maximum | 247379.35 |

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Regards,

Andrey