[Moderator] 09:53:42

Okay, so… This is the next slide. It's a box plot. You guys can go ahead.

[P14] 09:53:56

Hmm.

[P13] 09:54:02

Hello. Oh, no, actually, my mic stopped working for a second so Budget-wise.

[P14] 09:54:04

Hi, I'm Stu here.

[P14] 09:54:11

Oh.

[P13] 09:54:17

Okay, first of all the font is really bad like it's very small

[P13] 09:54:29

Is this revenue? Okay, let's Ravi and this is Jonas.

[P14] 09:54:48

It's very surprising I didn't see a category that stand out.

[P14] 09:54:59

Oh, it's the log scale okay so on the log scale

[P13] 09:55:00

That is true.

[P14] 09:55:09

I don't know it's because of the scaling or okay turn to this part of seven 10 to the power of 9, 10 to the power of 5.

[P13] 09:55:24

Yeah, so animation movies make what? Close to billion.

[P13] 09:55:30

Almost the maximum.

[P13] 09:55:40

Yeah no this graph like first of all the font is really small so the access the access points are very small so it's very hard to read.

[P14] 09:55:53

At first sight, it looks like there's no much difference between the Yaras And then I look at the scale, it's the log scale and the

[P13] 09:55:55

Thank you.

[P13] 09:56:03

Yeah.

[P14] 09:56:05

The documentary… the animation category is probably 10 times more than the documentary category, but it's really not that obvious in this graph.

[P14] 09:56:15

Because of the scale they're using.

[P13] 09:56:21

That's true. That's not.

[P14] 09:56:22

A TV movie, this category there is no it's probably no I don't know what's wrong with this category.

[P13] 09:56:31

I don't think there's anything in it. And also like if you look at like most movies like the maximum minimum and the median

[P13] 09:56:42

Is our intercordal range. It's always closing towards the maximum like the medians are also like towards the maximum I don't know.

[P13] 09:56:53

I think… I don't know how this plot was made.

[P14] 09:57:01

In TV movie, this category, probably there is only one point. That's why the this is the one bar.

[P13] 09:57:09

That's a bar. Oh, yeah, yeah. I thought there was like no entry on it.

[P14] 09:57:11

I think so. It's a bar, right?

[P14] 09:57:17

So the problem is that we don't know how many movies are in each And so obviously in TV movie, there's only one point. So it's better not using the box plot because box plot you really don't know how many points there are in each category. You probably can use some randomly scattered jittered points

[P14] 09:57:39

To replace the box part or put it on top of the box plot.

[P14] 09:57:45

And so we can know we can also know the samples. So this graph is not very informative. We need to know the sample size in each category.

[P13] 09:57:51

That's true. That's true.

[P14] 09:57:55

And the scale makes it really hard to tell the difference.

[P13] 09:58:00

Yeah, you're correct. I don't know what else. Yeah, this graph is throwing me off.

[P13] 09:58:06

I have no clue what data set or anything this is

[P13] 09:58:13

And… At least you need something in this.

[P13] 09:58:18

That's just a very weird plot. I don't know, maybe try what else is there?

[P14] 09:58:25

Also, on the right hand side there's a key and it says maximum there is an outlier.

[P14] 09:58:33

Outlier, so maximum and minimum we have maximum and minimum why we have an outlier That's interesting.

[P14] 09:58:41

I thought, I'll let you be within the minimum maximum

[P13] 09:58:42

Yeah. I think that, you know, in this just uh what do you say just give Yeah, and this just instead of just doing a box plot on all this, just put like a simple error bar the same maximum minimum and put like a marker for an average or median

[P13] 09:59:01

You don't need you know you don't need the entire interquartile range or anything it just makes it

[P13] 09:59:10

It's a pretty weird data set if you ask me.

[P13] 09:59:22

That would just have been easier just put it like minimum maximum and an average median bar.

[P13] 09:59:28

Instead of just using all of this

[P14] 09:59:44

I think they use logic skills because the difference within the category is very large so If you use the log scale probably will visualize better but it but it has its cost it masks the difference between the groups And…

[P14] 10:00:05

Yeah, that's basically everything I observed.

[P13] 10:00:12

Yeah, that's true.

[Moderator] 10:00:15

Okay, so we can go to the next slide.