
So we're going to demonstrate how to take partial interval data using Cecilia as our student. And so what we're going to do is we're going to observe her as she's doing an independent task. And we are going to be recording whether she is engaging in a stereotypic behavior, pen flicking, during her independent activity.

And so every 10 seconds-- that's the length of our interval-- I'm going to be recording if that behavior of pen flicking happened at any time during that 10-second interval. If it happened at any time during that interval, then I'm going to indicate a plus within my first interval box. If the behavior did not occur at all during that interval, then I'm going to indicate a minus. OK?

So let's go ahead, and I'm going to observe her in 10-second intervals and take the data accordingly. OK? Let's get started. And go.

OK. So our first 10-second interval occurred. The behavior did not happen, so I'm going to put a minus in the box indicating that the behavior did not occur. Let's do the next 10-second interval.

OK. So we can see right away that the behavior did happen during that 10-second interval. And I go ahead and give her a plus. And as soon as that 10 seconds is up, I move on to the next interval.

OK. So at the end of that interval, the behavior occurred again, so I'm going to give her another plus.

OK. So the behavior did not occur during that 10-second interval. I'm giving her a minus.

And the behavior did occur. OK. Thank you for demonstrating. So if we were to then look at calculating this into data that maybe has a little bit more meaning, out of our five intervals, Cecilia engaged in the behavior in three of those intervals. So in three of the total intervals out of the five, she engaged in that behavior.

If I were to convert that into a percentage, again, I want to convert the number of intervals that it happened over the total number of intervals or opportunities, which is $3/5$. And if I calculate that into a percentage, that is basically 60%. So I can say that Cecilia engaged in pen flicking during 60% of the observed intervals. OK?