

**Jung, Yoonsung**

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**From:** [REDACTED]  
**Sent:** Monday, November 25, 2024 1:02 PM  
**To:** Jung, Yoonsung  
**Cc:** [REDACTED]  
**Subject:** Re: Typeform: New response for SCC Consulting Form  
**Attachments:** ABS\_LongCountData.csv; EphyraLongData.csv; CalyxLongData.csv; Samples\_qPCR.xlsx; Data Consultation Background.docx

Good afternoon, Dr. Jung,

[REDACTED] I have attached my raw datafiles. I have one for the count data, one for the polyp widths, one for the ephyra widths, and one with Cq values from my qPCR. I have also attached a document that summarizes what I have done so far with them.

I am trying to determine which statistics are appropriate for determining if there are significant differences seen between the treatment groups. The count data has a temporal aspect, but the polyp widths I am only concerned with start and end time points. For the ephyra width data, I am concerned with comparing the total number of ephyra produced and the average size of ephyra between treatment conditions. I'm not sure what types of statistics are appropriate for the qPCR data. To generate the relative abundance, I normalized to the lowest sample and calculated  $2^{(-\Delta Cq)}$ .

[REDACTED]

[REDACTED]

[REDACTED]

Best,

[REDACTED]

On Sun, Nov 24, 2024 at 11:27 PM [REDACTED] wrote:

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From: **Jung, Yoonsung** <[yojung@exchange.tamu.edu](mailto:yojung@exchange.tamu.edu)>

Date: Fri, Nov 22, 2024, 10:12 AM