Dear stakeholders,

We have **shared with you** “matching slices” *(slices that are similar in structure)* across the 3 stains for all the 107 cases for annotation. Below are the details of this dataset:

There were 106 cases in the spreadsheet, “*clincal data sheet for scoring.xlsx*”. However, we found one additional case in the data *(H2114163 from Sheffield)*, which we have mentioned as Case0 in our processed data that we have shared with you.

There were:

1. 84 cases, where we found at least 1 set of slices across the 3 stains *(h&e, melan-A, and sox-10)* that were similar in shape and structure. Out of these 84 cases:
   1. For 60 cases, we have exactly one set of matching slices across the 3 stains
   2. For 14 cases, we have two sets of matching slices across the 3 stains
   3. For 6 cases, we have three sets of matching slices across the 3 stains
   4. For 3 cases, we have four sets of matching slices across the 3 stains
   5. For 1 case, we have seven sets of matching slices across the 3 stains
2. 19 cases, where we found matching slices across 2 stains, but the corresponding slice in the 3rd stain was relatively more different in structure.
3. 4 cases, where slices across all the 3 stains were very different from each other in structure.

The details of matching for each case can be seen [hereLinks to an external site.](https://docs.google.com/spreadsheets/d/1PbV0faD_WGmLEbrY93mQF5ofhO98hy-TQmh41uGPCxc/edit?usp=sharing" \t "_blank). For annotating slices with *benign / low-grade / high-grade*CMIL regions, I think we can prioritize the slices that have at least one “good match”, i.e., the 84 cases.

For 14 cases, we had to downsample the image resolution by a factor ranging from 1.1 – 7.0, depending on the size of the image. Some slices have a much larger size than others, which I believe indicates that they have a much higher resolution than others, and thus lowering their resolution shouldn’t make the resolution too low to annotate.

Please let me know if you will be **free for a meeting** sometime this week or next week. We can discuss:

1. How many and which slices will you annotate and share back with us for model training? You will want to keep some slices with you for testing our model.
2. Our next steps during the time period you are annotating the slices.

Best,

Krish.