

### Alternative Section for Project 2 Proposal:

This replaces the Dataset Overview section with a “Data Wrangling” section

<b>Dataset Overview</b> Before processing through QIIME2, you should describe how to plan to change/update the metadata and/or manifest to fit your research question. More importantly, why completing this will contribute to your research project.						10 pts
	<b>10 to &gt;8.0 pts</b> <b>Clearly meets expectations. Few, if any problems</b>	<b>8 to &gt;6.0 pts</b> <b>Moderately meets expectations</b>	<b>6 to &gt;4.0 pts</b> <b>Acceptable but definite weaknesses</b>	<b>4 to &gt;2.0 pts</b> <b>Poorly meets expectations</b>	<b>2 to &gt;0 pts</b> <b>Significant weaknesses or failed to include</b>	

### Project 2 Proposal Dataset Wrangling Checklist:

- ☐ Cite the origin of your dataset(s)
- ☐ Explain why you need to data wrangling (eg. to combine datasets, to defining the metadata categories, to remove samples).
- ☐ Explain any wrangling parameters (eg. which columns you plan to combine or why you are re-annotating an existing or new column)
- ☐ Do you plan to use every single sample in your analysis? (yes/no) If no, how do you plan to filter your data? What samples do you want to include or exclude from downstream analysis? Why are you filtering those samples out?

☐ If you are combining datasets, include the following table:

	Single or Paired-end	Variable regions sequenced	Sample size	Original Publication
Dataset 1				
Dataset 2				

☐ If you are redefining a column (eg. converting a numerical column to categorical), how are you redefining it? Where did you get the specific parameters? Is the criteria based on the literature or based on sample sizes? Define the number of samples per category. You can use a table if you want.