McKeeley Stansberry: Project Part 6

Results described on last page

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ANCOM Plots below 🡪

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The taxa bar plot shows a visual representation of the relative abundance of each taxa at levels 1 through 7. The y-axis shows relative frequency, and the x-axis shows sample metadata/taxonomic abundance. More bacteria types can be seen at levels 6 and 7. When sorted by body site, we can see more similarities between ear canal and axilla samples and also groin and interdigital samples. When samples were sorted by allergic vs not allergic, there were no differences seen at any taxonomic levels. The most abundant taxa present in my samples is k\_\_Bacteria. Other taxa that showed up a lot as well was p\_\_Firmicutes and c\_\_Bacilli. There was no specific differential abundant taxa across body site and allergic but more k\_\_Bacteria;p\_\_Firmicutes;c\_\_Bacilli teneded to show up more in the groin and interdigital samples. Additionally, when running the ANCOM analysis there was no significant differences found between body site and allergic.