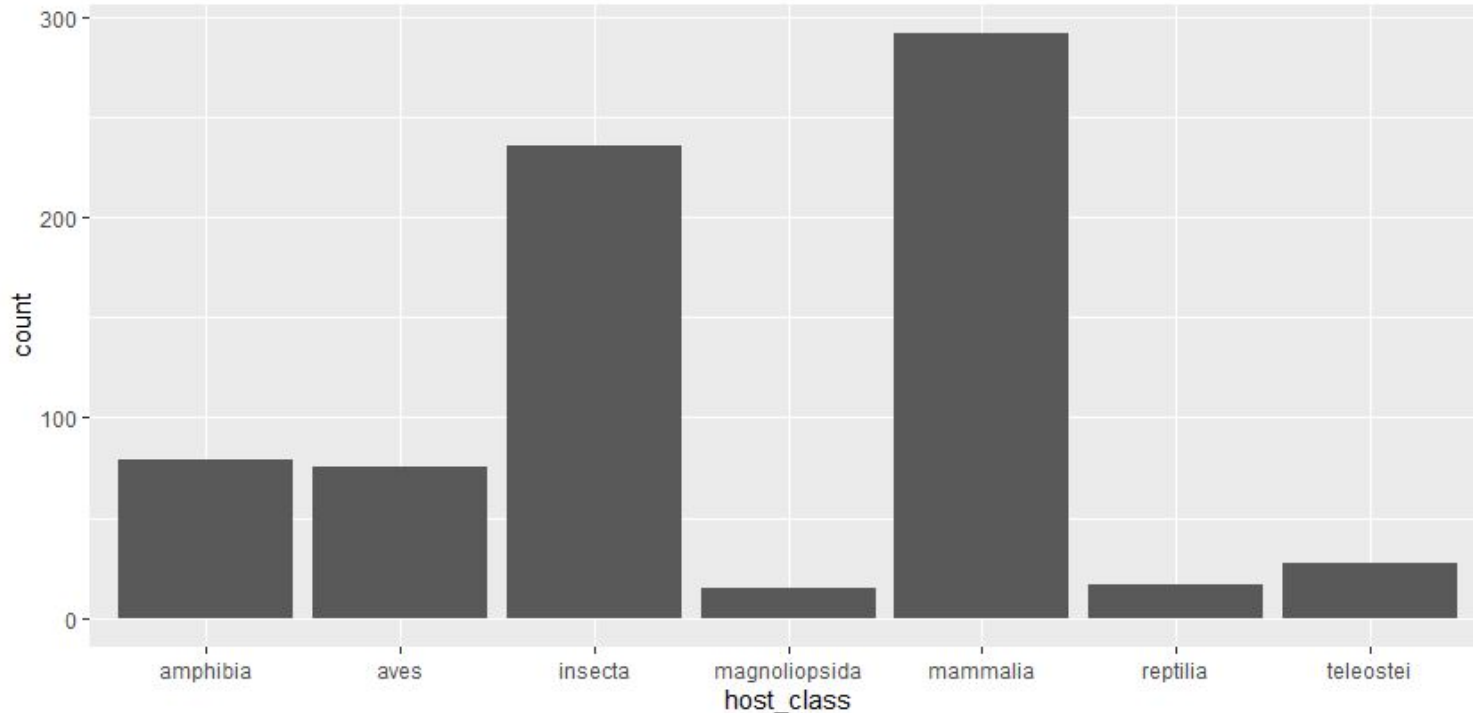
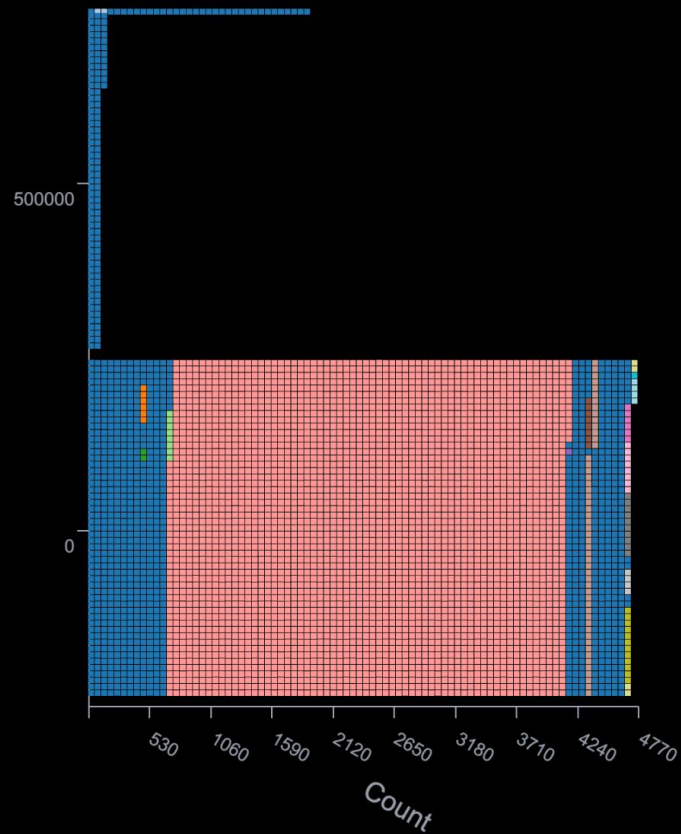


First day progress (Team 6)

- Downloaded metadata and OTU table for animal internal microbiomes (n=741 from 204 species)
- Unsupervised clustering, based on OTU counts, using multiple approaches



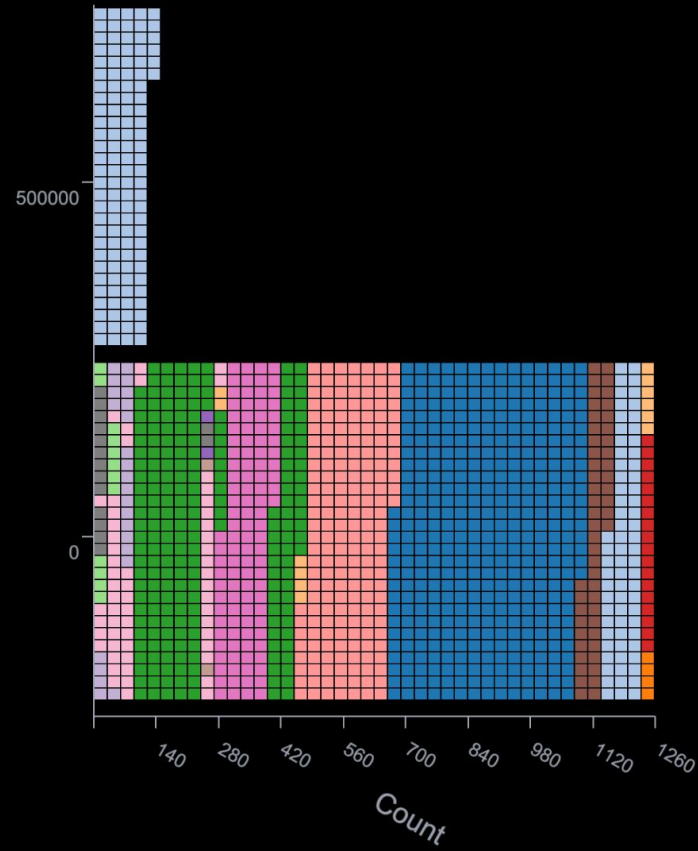
5-1_AdultBodyMass_g



host_scientific_name

- other
- apis mellifera
- artibeus lituratus
- carollia sowelli
- chlamyphorus tru...
- glossophaga sori...
- gopherus polyphe...
- homo sapiens
- lophostoma evotis
- micronycteris mic...
- myotis elegans
- myrmecophaga tr...
- priodontes maximus
- pteronotus davyi
- pteronotus parnellii
- saccopteryx biline...
- sturnira lilium
- trachops cirrhosus
- vampyressa thione
- zaedyus pichiy

5-1_AdultBodyMass_g



host_family

- atelidae
- bovidae
- cervidae
- chlamyphoridae
- cricetidae
- emballonuridae
- feliformia
- lemuridae
- molossidae
- mormoopidae
- myrmecophagidae
- noctilionidae
- ochotonidae
- phyllostomidae
- vespertilionidae

Goals for tomorrow

- Finish clustering by tomorrow
- Analyze clusters in the context of metadata
 - Host taxonomy/phylogeny
 - Diet
 - Gut length
 - Absorption potential
 - Life stage
 - Metabolic rate
 - Mass/weight