Bioinformatics – Introduction to Scientific Computing Homework 0

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Due: 1.30.2023

IDEAS FOR POSSIBLE FIGURES:

Clustering Heatmap Idea

<https://bmccancer.biomedcentral.com/articles/10.1186/s12885-021-07887-5> figure 2 heatmap

<https://www.nature.com/articles/s41586-021-03850-3> figure 3 heatmap part

<https://www.biorxiv.org/content/10.1101/2022.12.23.521842v1> Figure 1a

Clustering ‘fingerprint’ Idea

<https://pubs.acs.org/doi/10.1021/acs.jproteome.9b00521> Figure 1

Curated bar graphs and tracer data combined with selected MRI/Histo figure:

<https://academic.oup.com/neuro-oncology/article/24/4/556/6369334> Figures 1 & 2

Other project idea: Automated script (presumably in R) of the steps that I manually do to analyze mouse xenograft radiation groups in Excel/GraphPad.