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| **Category: (points)** | **Criteria: Blog:**  [**http://grochaccbiology.blogspot.com/**](http://grochaccbiology.blogspot.com/) **Assignment Instructions:**  [**http://www.grochbiology.org/BioinformaticsLab-KristinTran.doc**](http://www.grochbiology.org/BioinformaticsLab-KristinTran.doc) **(personal typed reflection due on date on calendar)** |
| **Title (1-4)** | * Title appropriately addresses activity (IV/DV obvious) |
| **Introduction: (1-4)** | * The introduction has a properly stated version of the question you are addressing. * The introduction provides some information as to why this question is interesting. |
| **Methods: (1-4)** | * Your method is explained in short, concise sentences. * The analytical process you used is described especially for your part III choice. |
| **Results: (1-4)x2** | * Distance matrices and Phylogenetic tree from part III are visible on blog * The results are described fully. |
| **Discussion: (1-4)x2** | * The results of your analysis are compared to primary/professional source literature (articles, reputable websites, & textbooks). * The meaning of the tree is explained ([how to read a phylogenetic tree](http://epidemic.bio.ed.ac.uk/how_to_read_a_phylogeny)) * At least two additional sources of evidence that could be considered in addition to the evidence you used are discussed, and justified on sound scientific grounds. |
| **References (1-4)** | * The article contains at least two references to professional literature. Citations are used. * Any websites or programs that are used in the analysis are included in the articles as hyperlinks (hyperlink to the website where the program lives if you use programs). * The data sources that are used in the analysis are referenced and citations are present within the discussion, introduction, etc. * All references to professional literature are included at the end of the article and cited in-text in the APA format. |
| **Aesthetics:  (1-4)** | * The article is properly structured. * The article uses appropriate language that is not needlessly simplistic or overly complex. * The article has no noticeable grammatical, syntactical, or spelling errors. |
| **Length: (1-4)** | * The article is at least 750 words in length (for reference, this document is 400 or so words in length). * The article is long enough to thoroughly address the requirements of the project, but not so long as to be needlessly boring. |
| **Posting: (1-4)** | * The article is posted to the blog on time. * The article is posted as either the body of a post, or as an embedded (not linked) google doc, according to the instructions demonstrated on this video:  <http://goo.gl/YKKbQ> * The article’s post has the labels “article”, “bioinformatics”, and any others that you feel are appropriate |
| **Readership (1-4)** | * You have left two comments on two other posts that indicate that you have read the articles, and that offer constructive feedback or informed questions. * You have responded to all comments on your own article in a timely fashion (within 48 hours). |