Couchii muscle results summary (very superficial)

IC50:

C4P:

* Slight positive correlation between LD50 and time to max force change according to both pearson and kendall, fairly certain that doesn’t mean anything in practice but it is a result
* Also between LD50 and time to 10 percent
* Other things have positive correlations based on different metrics
  + Max contraction amplitude (Pearson)
  + F max rate of change (Pearson)
  + F min rate of change (Pearson)
* Makes sense that these would be correlated
* Linear regression shows no relationships at all, highest r^2 is a whopping 0.03

Tetanus:

* Linear regression also shows no relations, highest r^2 is 0.05

Rheobase:

* linear regression shows no relationship, highest r^2 is 0.14 (which I guess isn’t terrible)
  + this is based on different characteristics of the response to a given pulse length
* correlation tests not currently working, not going to spend time figuring that out right now because I think the highest priority for these is that I:
* haven’t figured out how to integrate analyses across pulse lengths, need to find the paper bobby gave me that summarizes how this is supposed to work