**Responses to Per’s questions:**

1. **From where come the p-values you use?**
2. Calculated using the Cronus-Earth Online calculators (https://hess.ess.washington.edu/) based on Balco et al. (2008) <https://www.sciencedirect.com/science/article/pii/S1871101407000647>
3. **How have they been corrected to SLHL?**

I am not sure. Please see Balco et al. (2008)

1. **What are considered the best p –values “on the market”**
2. Values from Balco (2017) <https://www.sciencedirect.com/science/article/pii/S1871101416301649>
3. See also, Nørgaard et al. (2023) https://www.sciencedirect.com/science/article/pii/S1871101422001686
4. **What are the uncertainties?**

Of p-values? Cronus online calculators do not provide uncertainties, but I use 10%.

1. **Why do you use combined muons and not separate fast and slow?**

Because I did not calculate them, but just grabbed them from the Cronus calculators.

1. **When using the simple burial method…how do you calculate the uncertainty that you quote in your data sheet?**

I use equation 22 in Granger (2014) if doing it on a spreadsheet. It provides a first order estimation. If I needed to publish simple burial ages I would use MATLAB code from Blard et al. (2019) <https://www.sciencedirect.com/science/article/pii/S0012821X19301475>

1. **Why are your MIN values not identical to the result of the Simple Method?**
2. **How do you calculate the uncertainties for MAX**
3. **For MAX ..do you solve the equations by iteration as I do?**

I had not calculated the Min/Max ages properly on a spreadsheet at the time of sending to you. I haven’t had a chance to re-do that since. Perhaps we can discuss again at a later stage and do it together.