• There is 650 values to compute. Is there a way to not do that all by hand?

Yes, because you are a COMPUTATIONAL linguist. Get familiar with the notion of loop in programming. You can do it in any programming language.

• How do I do a loop in bash/java/python...?

When you get stuck in programming in general I recommand to search for an example. Try to google "loop example in bash" for instance.