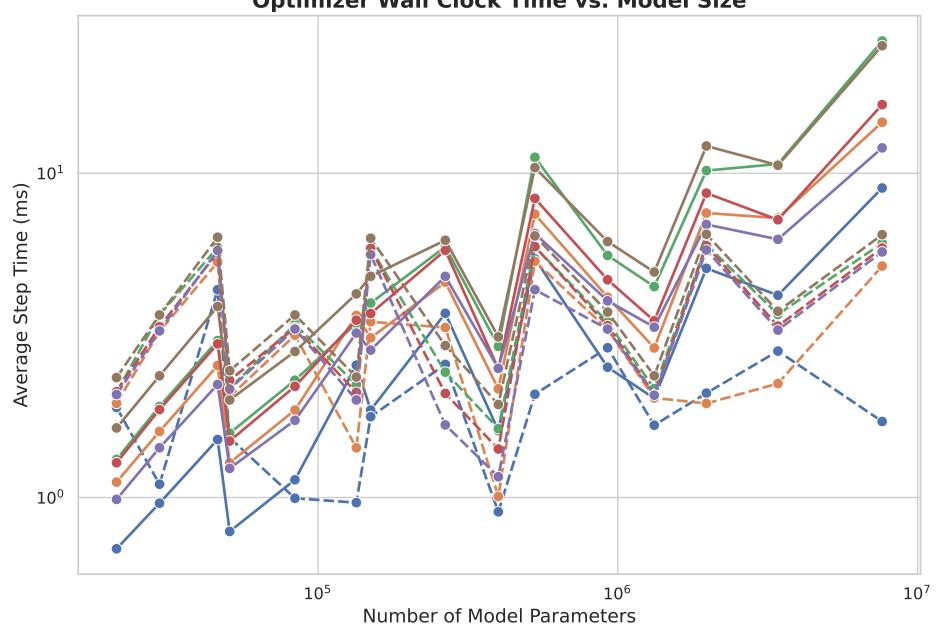
**Optimizer Wall Clock Time vs. Model Size** 



Optimizer | Device optimizer

**---** sgd

**−●−** adam

--- pulsegrad adabelief

**--** lion

**--** adan device

**–** cpu

**-●-** cuda