Daily submissions give us how long a submission window? 24 hours? And I know you want to talk about automation, but none of it is appealing to me without knowing the context of how staking and rounds would work. (My computing needs are onerous.) Same target horizon of 20 days? Would a round be ending every day or folded together into some kind of weekly average? (If the former how would that overlap work? You'd have to cap daily payouts at 1/20th). etc etc i.e. is there additional (or fasted paced) reward for the additional burden? (Even if automated I don't care what anybody says, it will still be a much bigger burden and possibly with a significant actual dollar cost.) And you know…what if I just don't wanna do it and will only submit once or twice a week? I would imagine you'll get a lot of such gaps (even if automated pipelines break and there won't be much time to recover) so the daily metamodel may become quite "choppy" with models dropping in and out all the time.

As far as automation, my models take hours to run a set of predictions on live (on a very well-provisioned local machine). I'm capable of automated the pipeline locally (or remotely) without any help from Numerai, but if local that's hours of development time lost every day while the computer is spitting out new predictions (I typically have it churning away on some new experiment practically 24/7), and if I want to avoid that and use the cloud that would cost me $3-$8 daily probably (rough estimate) because I'd have to have a lot of cores to run it in reasonable time. (For the cloud, I'd probably get a Linode or similar with 32-56 cores and would need to run it for 1-3 hours/day maybe at roughly $1-$3/hr depending on the setup – would have to experiment with different levels and see how fast they really are. I could also cost much more – just guessing at the moment based on the rates I'm browsing.)