Industry level: include all jl files and set parallel environment

validus\_path\_define ()

main\_Validus ()

step1: generate\_factors (): get total months and separate them per 100 months to get the separated parts.

Generate PDfile ()

Check if PD\_forward\_Part.jld exist or not;

If not, check if econ’ PD\_all\_forward\_Part exist or not;

If false, get\_country\_PD\_forward (): generate econ’s firm\_list and econ’s PD\_all\_forward\_Part 🡺 distributed

All econ’ PD\_all\_forward\_Part file have been generated:

load\_data\_PD(); generate\_data\_PD() (consider to merge with load\_data)🡺 PD\_forward\_Part.jld

Transform the PD matrice from domain [0, 1] to the whole set of real numbers:

transdataMtrxPD = @. Log (-log (1 - dataMtrxPD))

extract\_industry\_factors() to get median of global Forward PD for 10 industries

🡺 fac.jld includes industryFacsPD, dateVctr.

Step2: generate\_SME\_info():