Denomically Shofting CB Period WF Tuesday, August 6, 2024 9:05 AM

- initialize filet period as I year, (don't use filet full yr. of ROR's in WF)

- Compute weekly entropy -> annualize it

- make pot of entropy in year O.

and care stder of entropy

ASM. of entropy

> pooling alouen

bell curve

- Run pareun optimization (MCMC) on 100+ 600. day of year O.

- Compute entropy of RORS every week For unoten params

·D mean entlopy is an extreme value,

- if mean enthopy is an extreme value, (based on Some CI, w/ some &-level), we determine enough new noise was been instoduced to our data set. L>NEW PARAM OPTIMIZATION. - after new optimization our new pat for entlopy becomes: 5 day entropy from 1/1/ year 1 to day before palam optimization. L> continue w∫ dynamic period adjustment 6X·) | FNDX3 SOS (NODO) dutes ... 10/1/1982 NIA # FNOT day
of FNOX3
after stagger 12/1985 # CFIRST day of 1/2/1986 # -> get first 5 day entropy 117/86 (4:30911)

- now use pla (entropy)
for 1/2/1927 - 1/27/1927
to compare to new period. continue greacht date.

Take aways:

- The most frequent parameter optimization period will be once a week, but this will most likely rarely happen, because 1 week of RORs don't provide enough new noise.
- This approach allows us to use market noise as a means of updating our parameters during back tests.
- **Bottom Line:** Dynamic method, Uses computational power more efficiently.