**To change in seapipe**

* **SLEEPSTAT**

project\_name.macro\_dataset(xml\_dir = None,

out\_dir = None,

rater = None,

subs = 'all',

sessions = 'all',

outfile = True)

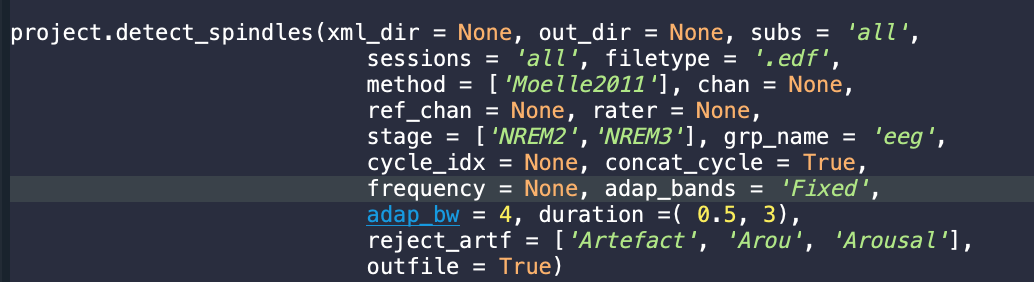
* Remove rater as not needed in ﻿sleepstats\_from\_csvs function either
* Add cycle to extract sleepstat per cycle (default = False)
* Warning – panda update:

^[[38;20m2024-08-01 22:23:57 - Export macro stats - Extracting macro stats from sub-CBTi6133, ses-V2 ^[[0m

/home/aap/projects/def-ttdangvu/CBTi/script/seapipe/seapipe/stats/sleepstats.py:228: FutureWarning: Setting an item of incompatible dtype is deprecated and will raise in a future error of pandas>

df.loc['ses', sub] = ses

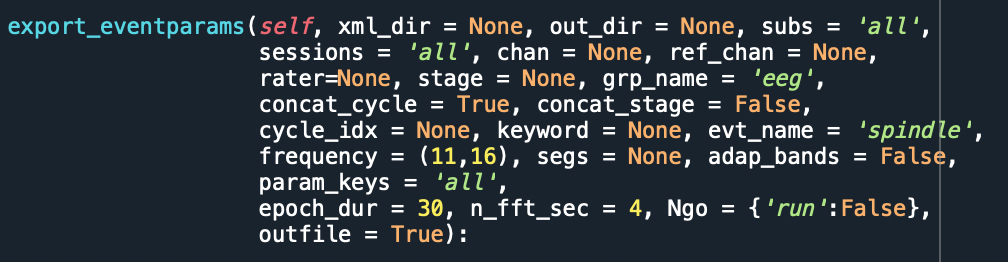
* **SO**
* Warning message saying no input .xml but work anyway
* **SPINDLE**



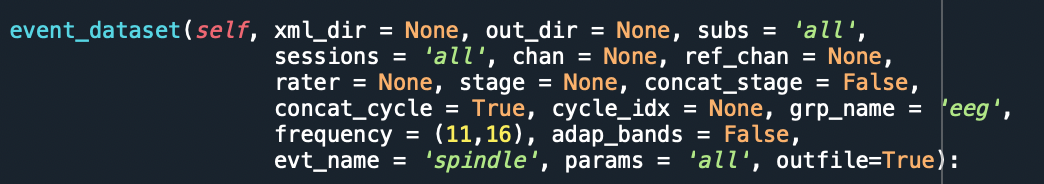
concat\_cycle = default should be false (detect per stage and per cycle separately. Versus SO detection = contact stage and cycle

Export\_detect\_spindle

ERROR: when adap\_bands = Auto (or Manual), it creates the event\_adap but also create en event (without adap)



* make sure reject poor and artefact is not in the second function and just in the detection
* rater not needed
* ERROR: do not see event named XX\_adap so can’t extract it
* Why default = (11,16)? Eg for SO (what is detection range of SO detect?)
* Do we really need grp\_name? WE DO!!!



* rater not needed
* frequency not needed
* ref\_chan not needed
* find a way to have chan pointing to the tracking file (column chanset\_rename)
* can you give a message when done (so far nothing say if error or not)
* **FOOF**
* Create a function that can extract and combine in a dataset all the peaks selected for spindle detection (for now using R script)