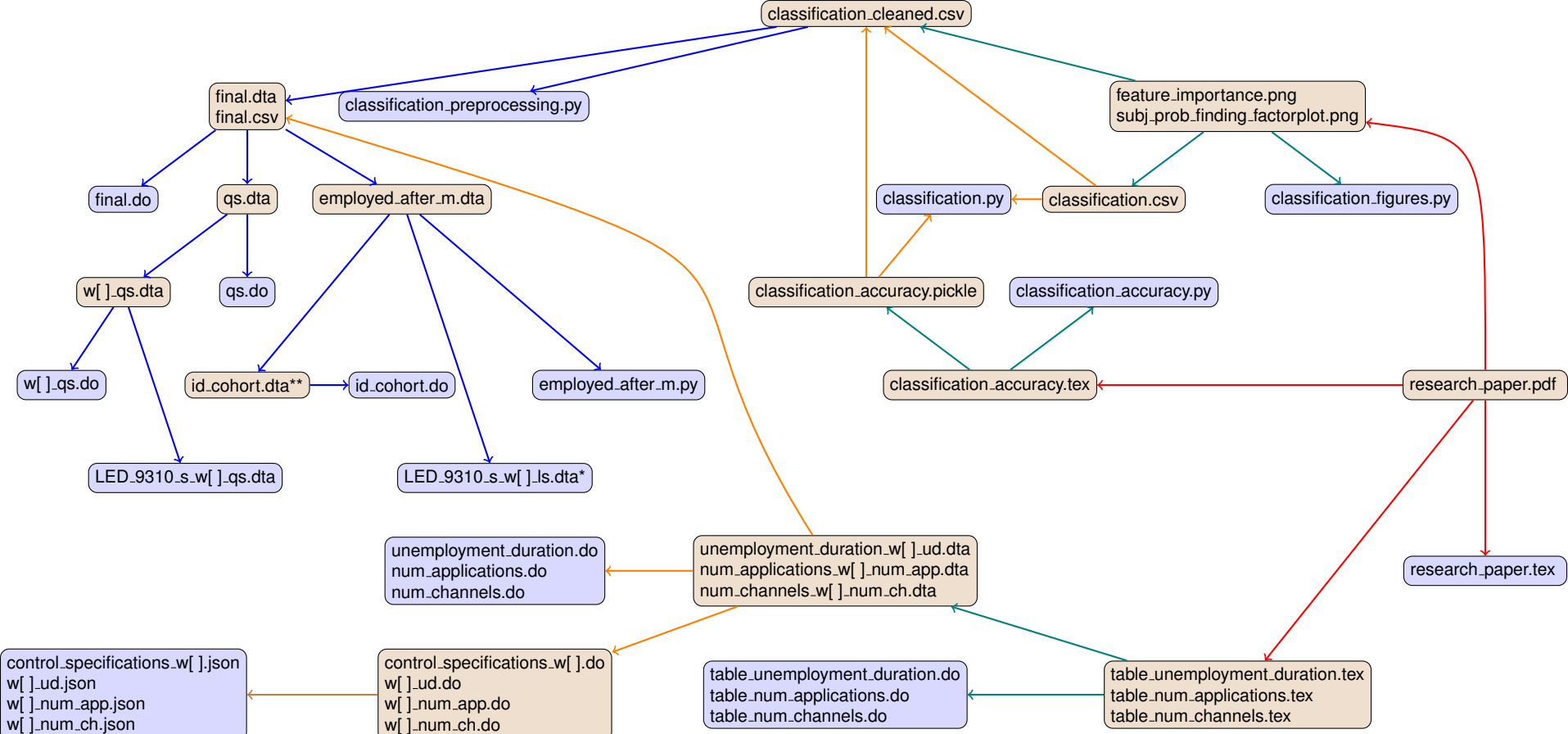

w[ ] stands for wave 1, 2, 3 and i
* there is no wave i for the longitudinal part of the data
** only wave 1 is used