CURRENT ORDER
1. fibre pos 2. any sys
2. any sjs
3. filore dir
4 pca offset = inj time
Issue: -> fibre pos: depends on inj time
s in the depends on Gibre dine
1) Sibre val funct:
Calc fitted light & fibre pes
for given fibre
-> check if bell, plate fibre  (20 fibres), just text list I  pos is overwritten
pos is out writer
method: spors through hits: applies cuts
applies cuts

counts passed hits -> cheks if PMT in direct come or reflected cone: if < PMT => light < 48 (24° app.) if < PMT & fibre < 20 =D refl. calculates occupancies -> divides into cold/not groups -> find beamspots centre(s). Centre 2. take reighted any around offinate 3. 2D gard fit around weighted got = ROSSULT: dir & refl lightfrots
positions 2) = cialité aug sys of TELLIE Method:

-> get resid time (hit -Tof sudet)

-> get Initial light rector = calc

-> plot & fit time VS angle Sibre directions @ Colc Method: load fib per from RATOB

load fitted dir light spoljm1 use LPC: Calc By Position (Horn pos, Dirly hPos, E,/oc) narts fibres that are v. diff Calc injection times for each fishe Method: -> loads fit div s loads any ext ralso does basic ourrieu of ruh: PIN, Nhit, delap, etc... s loops through events -s yets resid time: hit -Tof-budget scuts few 20% - s fits gaw sooms peak, fits again 5 Final JSON fable scousse pos, dir, argszi, pca-offel -s upload ratals table