qens_fit_class.qens_fit

bg : float
devf
elim : NoneType
gamma
k
leastsq : bool
ml
optbgpeakratio
out
quiet : bool
showplot : bool
tf
x_df
x_tf
y_df
y_tf

afteroptimize(out, s_sq, variables, figname)
check_generated_samples(x, data)
check_spectra()
checkdata()
convlore(f, gamma, x)
convloreorg(f, gamma, x)
correction()
decorrection()
fun_lore(x, gamma)
generate_data(idevf, itf, check, rebin)
get_data(infile)
get_hdata(infile)
get_icorrdata(icorrfile)
get_idata(infile)
get_sdata(infile)
icorr()
interpolate()
kde_hist(kvariables, hvariables)
kde_hist_sub(tf, devf, kde, variables)
limit(x, y, mergin)
limit2(x, y, elim)
multii(idevf, itf)
optimize(variables, figname)
preprocess(doicorr)
preprocessh(doicorr)
preprocessnoi(doicorr)
preprocesss(doicorr)
rebin_generated_samples(x, data, num, shift)
reconstruct(elim, check, idevf, itf)
res(coeffs, x, d, t)
res_icorr(coeffs, x, t)
save_generated_data(x, data, savefile)
save_result()
testconv()

qens_class_fort_mpi.qens

M : int
WinFunc : str
datadir
dataset
de
figname : str
odata : bool
qsel : bool
quiet : bool
save_file
selected_energy
selected_spectra : ndarray
shift
showplot : bool
tin
tin_real : ndarray
winparam : int
xvec : ndarray
xvec_real : ndarray
y : tuple

add_shift()
add_shift_de()
calc_sskernel_f90()
calc_ssvkernel_f90(WinFuncNo)
get_xvec()
plotter()
run_ssvkernel(num, isnovariablebw)
save_output(output_file)
save_outputs(output_file)
select_spectra()

qens_fit_class_hist_noidata.runhistnoidata

alpha
devf
elim
elimw
leastsq : bool
ml
numcycle : int
outall : list, ndarray
outfile
tf
x
yd

check_out(cyidx, _out)
correction(x, yd, yt)
cycle()
decorrection(x, yd, yt)
generate_data(idata)
get_xmlyd()
loadfile()
modify_out(cyidx, out)
optimize(x, yd, yt, variables)
output()
plot_distribution(binwidth1, binwidth2)
plot_distribution_single(binwidth1, show)
preprocess()
reconstruct(x, yd, out)
res(coeffs, x, d, t)
savefile()

qens_fit_class_kde.runkdenoidata

M : int
WinFunc : str
alpha
de
devf
dt
elim
elimw
leastsq : bool
ml
numcycle : int
outall : list
outfile
rank
selected_energy
selected_spectra
tf
tin
tin_real : ndarray
winparam : int
x
y : tuple
y_hist
yd

Gauss(x, w)
baloon_estimator()
cycle()
get_xmlyd()
hist()
kde(x, y, M, winparam, num, WinFunc, isnovariablebw)
kde_baloon(x, y)
preprocess()
run_ssvkernel_notused()