# PyCorrFit: data analysis software for fluorescence correlation spectroscopy (FCS)

“[...] PyCorrFit is a general-purpose FCS evaluation software that, amongst other formats, supports the established Zeiss ConfoCor3 ~.fcs file format. PyCorrFit comes with several built-in model functions, covering a wide range of applications in standard confocal FCS. In addition, it contains equations dealing with different excitation geometries like total internal reflection (TIR).”

http://pycorrfit.craban.de/

GitHub:https://github.com/paulmueller/PyCorrFit

PyCorrFit does support the PicoQuant t3r file format (currently only '`*.pt3`')
https://github.com/paulmueller/PyCorrFit/issues/69
An enhancement request for implementing '`*.ptu`' file format support is existing.
https://github.com/paulmueller/PyCorrFit/issues/84

PyCorrFit is described in: Müller, P., Schwille, P., and Weidemann, T. PyCorrFit - generic data evaluation for fluorescence correlation spectroscopy. Bioinformatics 2014. http://dx.doi.org/10.1093/bioinformatics/btu328

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