To ensure compliance with PEP8 standards, we manually edit each module with the help of tollowing python libraries; pylint, pycodestyle, and autopep8. All of the BioSANS modules have no more errors in pycodestyle and on the average have around 9.51 pylint score. The tabulation of each individual score are shown in the following table.

|  |  |  |  |
| --- | --- | --- | --- |
| **Table 1. Pylint scores of python files in BioSANS2020 package** | | | |
| Python Files | Pylint score | Python Files | Pylint score |
| sample\_points.py | 10.00 | mytauleap.py | 9.58 |
| prepare\_canvas.py | 10.00 | analytical\_sol.py | 9.53 |
| scrollable\_text.py | 10.00 | my\_mcem.py | 9.42 |
| new\_file.py | 10.00 | law\_of\_localization.py | 9.42 |
| topology\_view.py | 10.00 | runge\_kutta4.py | 9.41 |
| mglobals.py | 10.00 | param\_slider.py | 9.40 |
| proc\_global.py | 10.00 | plot\_traj.py | 9.40 |
| \_\_main\_\_.py | 10.00 | mystiffcle.py | 9.38 |
| transform\_data.py | 9.87 | process.py | 9.36 |
| processes\_hub.py | 9.85 | euler\_mod.py | 9.31 |
| convtopotosbml.py | 9.84 | BioSANS.py | 9.28 |
| ode\_extract.py | 9.80 | lna\_approx.py | 9.27 |
| draw\_figure.py | 9.76 | tau\_leaping2.py | 9.25 |
| ssl\_calls.py | 9.73 | lna\_function\_of\_time.py | 9.19 |
| lna\_approx2.py | 9.72 | ode\_int.py | 9.19 |
| create\_wxmaxima\_command.py | 9.72 | gillespie\_ssa.py | 9.09 |
| param\_estimate.py | 9.69 | recalculate\_globals.py | 9.04 |
| sbml\_math.py | 9.68 | BioSSL.py | 8.99 |
| process\_sbml.py | 9.63 | propensity.py | 8.87 |
| tau\_leaping.py | 9.62 | RunBioSANS.py | 7.27 |