

| Observed fluxes vs. model fluxes at the gridpoint defined by peaks of the 1D marginalised prior PDFs |             |           |        |        |            |         |
|--|-------------|-----------|--------|--------|------------|---------|
| Line   | Galaxy Name | In_lhood? | Obs    | Model  | Resid_Stds | Obs_S/N |
| hbeta  | rs0120      | Y         | 1.0000 | 1.0000 | 0.0000     | 33.5760 |
| oiii4959   | rs0120      | Y         | 0.2633 | 0.0484 | 7.9590     | 9.7531  |
| oiii5007   | rs0120      | Y         | 0.6150 | 0.1445 | 15.7054    | 20.5303 |
| o16300   | rs0120      | Y         | 0.1088 | 0.0191 | 4.2634     | 5.1692  |
| ni16548  | rs0120      | Y         | 0.2779 | 0.0090 | 27.0245    | 27.9276 |
| halpha   | rs0120      | Y         | 2.8600 | 2.8386 | 0.4961     | 66.2156 |
| ni16584  | rs0120      | Y         | 0.8351 | 0.0265 | 26.9428    | 27.8253 |
| sii16717   | rs0120      | Y         | 0.6735 | 0.1266 | 16.5346    | 20.3607 |
| sii16731   | rs0120      | Y         | 0.5973 | 0.0963 | 15.6220    | 18.6241 |

$\chi^2 = 383.7$

