

| 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  | rs0172      | Y         | 1.0000 | 1.0000 | 0.0000     | 24.9038 |
| oiii4959   | rs0172      | Y         | 0.2215 | 0.0484 | 4.9537     | 6.3404  |
| oiii5007   | rs0172      | Y         | 0.5707 | 0.1445 | 10.9235    | 14.6288 |
| oi6300   | rs0172      | Y         | 0.1726 | 0.0191 | 5.2000     | 5.8458  |
| ni16548  | rs0172      | Y         | 0.2418 | 0.0090 | 23.3341    | 24.2347 |
| halpha   | rs0172      | Y         | 2.8600 | 2.8386 | 0.4890     | 65.2635 |
| ni16584  | rs0172      | Y         | 0.7281 | 0.0265 | 23.3162    | 24.1964 |
| sii6717  | rs0172      | Y         | 0.9261 | 0.1266 | 18.7770    | 21.7494 |
| sii6731  | rs0172      | Y         | 0.6004 | 0.0963 | 16.0326    | 19.0945 |

$\chi^2 = 311.5$

