

| 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                                                                                                | rs0568      | Y         | 1.0000 | 1.0000 | 0.0000     | 19.6194 |
| oiii4959                                                                                             | rs0568      | Y         | 0.2616 | 0.0295 | 5.1534     | 5.8091  |
| oiii5007                                                                                             | rs0568      | Y         | 1.0311 | 0.0851 | 16.8682    | 18.3847 |
| o16300                                                                                               | rs0568      | Y         | 0.1671 | 0.0117 | 4.4644     | 4.8000  |
| ni16548                                                                                              | rs0568      | Y         | 0.1785 | 0.0086 | 14.0062    | 14.7470 |
| halpha                                                                                               | rs0568      | Y         | 2.8600 | 2.9210 | -1.1384    | 53.3754 |
| ni16584                                                                                              | rs0568      | Y         | 0.5129 | 0.0252 | 13.9841    | 14.7072 |
| sii6717                                                                                              | rs0568      | Y         | 0.7947 | 0.0789 | 15.3873    | 17.0839 |
| sii6731                                                                                              | rs0568      | Y         | 0.5183 | 0.0588 | 12.2143    | 13.7763 |

$\chi^2 = 185.0$

