

| 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  | rs1077      | Y         | 1.0000  | 1.0000 | 0.0000     | 6.5057  |
| oiii4959   | rs1077      | Y         | 0.4362  | 0.3195 | 0.8083     | 3.0213  |
| oiii5007   | rs1077      | Y         | 1.3808  | 0.9533 | 2.7028     | 8.7303  |
| o16300   | rs1077      | Y         | -0.1613 | 0.2319 | -3.8290    | -1.5703 |
| ni16548  | rs1077      | Y         | 0.1831  | 0.1700 | 0.4353     | 6.0593  |
| halpha   | rs1077      | Y         | 2.8600  | 2.7966 | 0.4947     | 22.3232 |
| ni16584  | rs1077      | Y         | 0.5487  | 0.5010 | 0.5236     | 6.0199  |
| sii16717   | rs1077      | Y         | 1.2515  | 1.5995 | -1.7030    | 6.1230  |
| sii16731   | rs1077      | Y         | 0.8148  | 1.2060 | -3.4338    | 7.1525  |

$\chi^2 = 6.3$

