

| 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 |
| oii3726  | rs0945      | Y         | 0.0000  | 1.3503 | 34.8815    | -0.0000 |
| oii3729  | rs0945      | Y         | 0.0000  | 1.8246 | 47.1343    | -0.0000 |
| neiii3869  | rs0945      | Y         | -0.2688 | 0.1713 | -2.6007    | -1.5883 |
| oiii4363   | rs0945      | Y         | -0.4373 | 0.0021 | -3.9922    | -3.9734 |
| hgamma   | rs0945      | Y         | 0.5919  | 0.4676 | 1.1679     | 5.5605  |
| hbeta  | rs0945      | Y         | 1.0000  | 1.0000 | 0.0000     | 10.7302 |
| oiii4959   | rs0945      | Y         | 0.3084  | 0.0971 | 2.2277     | 3.2511  |
| oiii5007   | rs0945      | Y         | 0.6644  | 0.2797 | 4.0198     | 6.9420  |
| heis875  | rs0945      | Y         | 0.0044  | 0.1126 | -0.3177    | 0.9486  |
| oi6300   | rs0945      | Y         | 0.1450  | 0.0539 | 1.1712     | 1.8641  |
| nii6548  | rs0945      | Y         | 0.2833  | 0.1732 | 4.2596     | 10.9626 |
| halpha   | rs0945      | Y         | 2.8600  | 2.8827 | -0.2405    | 30.3391 |
| nii6584  | rs0945      | Y         | 0.8525  | 0.5101 | 4.3938     | 10.9386 |
| sii6717  | rs0945      | Y         | 0.8841  | 0.5780 | 2.9249     | 8.4481  |
| sii6731  | rs0945      | Y         | 0.5488  | 0.4312 | 1.2949     | 6.0463  |
| ariii7136  | rs0945      | Y         | -0.0225 | 0.2770 | -2.8624    | -0.2148 |

$\chi^2 = 272.4$

