

| 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_Std | Obs_S/N |
| oii3726  | rf0048      | Y         | 0.0000  | 1.3503 | 155.3897  | -0.0006 |
| oii3729  | rf0048      | Y         | 0.0000  | 1.8246 | 209.9733  | -0.0006 |
| neiii3869  | rf0048      | Y         | 0.0731  | 0.1713 | -2.2765   | 1.6962  |
| oiii4363   | rf0048      | Y         | -0.0624 | 0.0021 | -2.1852   | -2.1151 |
| hgamma   | rf0048      | Y         | 0.5278  | 0.4676 | 2.0268    | 17.7607 |
| hbeta  | rf0048      | Y         | 1.0000  | 1.0000 | 0.0000    | 33.0461 |
| oiii4959   | rf0048      | Y         | 0.5348  | 0.0971 | 15.7504   | 19.2445 |
| oiii5007   | rf0048      | Y         | 1.7718  | 0.2797 | 39.5900   | 47.0101 |
| heii5875   | rf0048      | Y         | 0.1187  | 0.1126 | 0.2644    | 5.1647  |
| oi6300   | rf0048      | Y         | 0.1150  | 0.0539 | 3.5565    | 6.6913  |
| nii6548  | rf0048      | Y         | 0.1211  | 0.1732 | -9.1796   | 21.3219 |
| halpha   | rf0048      | Y         | 2.8600  | 2.8827 | -0.6621   | 83.5406 |
| nii6584  | rf0048      | Y         | 0.3648  | 0.5101 | -8.4847   | 21.2966 |
| sii6717  | rf0048      | Y         | 0.6195  | 0.5780 | 1.8699    | 27.9205 |
| sii6731  | rf0048      | Y         | 0.4078  | 0.4312 | -1.2037   | 20.9690 |
| arii7136   | rf0048      | Y         | 0.0873  | 0.2770 | -9.3495   | 4.3055  |

$\chi^2 = 5409.7$

