

| Observed fluxes vs. model fluxes at the gridpoint defined by peaks of the 1D marginalised prior PDFs |             |            |         |        |           |         |
|--|-------------|------------|---------|--------|-----------|---------|
| Line   | Galaxy Name | In_lhhood? | Obs     | Model  | Resid_Std | Obs_S/N |
| oii3726  | rs0130      | Y          | 0.0000  | 1.3503 | 58.4776   | -0.0000 |
| oii3729  | rs0130      | Y          | 0.0000  | 1.8246 | 79.0190   | -0.0000 |
| neiii3869  | rs0130      | Y          | 0.1959  | 0.1713 | 0.1133    | 0.9033  |
| oiii4363   | rs0130      | Y          | -0.3101 | 0.0021 | -2.5602   | -2.5432 |
| hgamma   | rs0130      | Y          | 0.4184  | 0.4676 | -0.3909   | 3.3248  |
| hbeta  | rs0130      | Y          | 1.0000  | 1.0000 | 0.0000    | 10.1378 |
| oiii4959   | rs0130      | Y          | 0.5178  | 0.0971 | 4.5229    | 5.5669  |
| oiii5007   | rs0130      | Y          | 1.8177  | 0.2797 | 13.7441   | 16.2433 |
| heii5875   | rs0130      | Y          | 0.1285  | 0.1126 | 0.1969    | 1.5098  |
| oi6300   | rs0130      | Y          | 0.1300  | 0.0539 | 1.2584    | 2.1497  |
| nii6548  | rs0130      | Y          | 0.1357  | 0.1732 | -1.9791   | 7.1565  |
| halpha   | rs0130      | Y          | 2.8600  | 2.8827 | -0.2792   | 35.2275 |
| nii6584  | rs0130      | Y          | 0.4088  | 0.5101 | -1.7707   | 7.1492  |
| sii6717  | rs0130      | Y          | 0.7726  | 0.5780 | 2.9773    | 11.8193 |
| sii6731  | rs0130      | Y          | 0.5213  | 0.4312 | 1.1025    | 6.3804  |
| ariii7136  | rs0130      | Y          | 0.1117  | 0.2770 | -2.0879   | 1.4114  |

$\chi^2 = 761.8$

