

| 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      |
| oii3726  | rs0062      | Y         | 0.0000 | 1.3503 | 847.5219  | -0.0000  |
| oii3729  | rs0062      | Y         | 0.0000 | 1.8246 | 1145.2302 | -0.0000  |
| neiii3869  | rs0062      | Y         | 0.1489 | 0.1713 | -2.0291   | 13.4500  |
| oiii4363   | rs0062      | Y         | 0.0321 | 0.0021 | 4.4274    | 4.7320   |
| hgamma   | rs0062      | Y         | 0.4945 | 0.4676 | 3.3263    | 60.9930  |
| hbeta  | rs0062      | Y         | 1.0000 | 1.0000 | 0.0000    | 107.4350 |
| oiii4959   | rs0062      | Y         | 0.6507 | 0.0971 | 65.7290   | 77.2570  |
| oiii5007   | rs0062      | Y         | 2.0657 | 0.2797 | 120.7357  | 139.6410 |
| heii5875   | rs0062      | Y         | 0.1030 | 0.1126 | -1.3930   | 16.3690  |
| oi6300   | rs0062      | Y         | 0.1041 | 0.0539 | 10.8168   | 22.4270  |
| nii6548  | rs0062      | Y         | 0.1127 | 0.1732 | -34.8363  | 64.8160  |
| halpha   | rs0062      | Y         | 2.8600 | 2.8827 | -1.3654   | 172.2810 |
| nii6584  | rs0062      | Y         | 0.3386 | 0.5101 | -32.7025  | 64.5920  |
| sii6717  | rs0062      | Y         | 0.4866 | 0.5700 | -12.3730  | 65.8960  |
| sii6731  | rs0062      | Y         | 0.3410 | 0.4312 | -15.5946  | 58.9700  |
| ariii7136  | rs0062      | Y         | 0.0705 | 0.2770 | -44.0887  | 15.0600  |

$\chi^2 = 157963.2$

