

| Observed fluxes vs. model fluxes at the gridpoint defined by peaks of the 1D marginalised prior PDFs |             |          |         |        |           |         |
|--|-------------|----------|---------|--------|-----------|---------|
| Line   | Galaxy Name | In_hood? | Obs     | Model  | Resid_Std | Obs_S/N |
| oii3726  | rs0585      | Y        | 0.0000  | 1.3503 | 65.1134   | -0.0000 |
| oii3729  | rs0585      | Y        | 0.0000  | 1.8246 | 87.9858   | -0.0000 |
| neiii3869  | rs0585      | Y        | 0.3338  | 0.1713 | 1.7534    | 3.6017  |
| oiii4363   | rs0585      | Y        | -0.1621 | 0.0021 | -2.8291   | -2.7935 |
| hgamma   | rs0585      | Y        | 0.5864  | 0.4676 | 1.9620    | 9.6801  |
| hbeta  | rs0585      | Y        | 1.0000  | 1.0000 | 0.0000    | 20.2114 |
| oiii4959   | rs0585      | Y        | 0.4192  | 0.0971 | 6.7369    | 8.7678  |
| oiii5007   | rs0585      | Y        | 1.2991  | 0.2797 | 18.0400   | 22.9092 |
| heii5875   | rs0585      | Y        | 0.0985  | 0.1126 | -0.2869   | 2.0048  |
| oi6300   | rs0585      | Y        | 0.0786  | 0.0539 | 0.6964    | 2.2172  |
| nii6548  | rs0585      | Y        | 0.1719  | 0.1732 | -0.1132   | 14.5556 |
| halpha   | rs0585      | Y        | 2.8600  | 2.8827 | -0.4564   | 57.5844 |
| nii6584  | rs0585      | Y        | 0.5163  | 0.5101 | 0.1757    | 14.4975 |
| sii6717  | rs0585      | Y        | 0.9153  | 0.5780 | 8.1414    | 22.0911 |
| sii6731  | rs0585      | Y        | 0.7701  | 0.4312 | 1.6636    | 3.7805  |
| ariii7136  | rs0585      | Y        | 3.9407  | 0.2770 | 2.6319    | 2.8309  |

$\chi^2=957.2$

