

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   | rs0451      | Y         | 5.8315 | 0.1081 | 105.2150  | 107.2028 |
| oii3729   | rs0451      | Y         | 3.4819 | 0.1153 | 123.2059  | 127.4259 |
| neiii3869 | rs0451      | Y         | 0.0896 | 0.8722 | -89.2375  | 10.2230  |
| oii4363   | rs0451      | Y         | 0.3830 | 0.0718 | 37.3196   | 45.9343  |
| hgamma    | rs0451      | Y         | 0.7295 | 0.4729 | 34.2439   | 97.3456  |
| hbeta     | rs0451      | Y         | 1.0000 | 1.0000 | 0.0000    | 121.4350 |
| oiii4959  | rs0451      | Y         | 0.4533 | 3.0468 | -300.8149 | 52.5803  |
| oiii5007  | rs0451      | Y         | 1.2568 | 9.0904 | -846.7541 | 135.8496 |
| heii5875  | rs0451      | Y         | 0.0666 | 0.1109 | -5.2316   | 7.8651   |
| oi6300    | rs0451      | Y         | 0.2119 | 0.0067 | 21.5817   | 22.2916  |
| niii6548  | rs0451      | Y         | 0.6243 | 0.0046 | 149.9490  | 151.0641 |
| halpha    | rs0451      | Y         | 2.8600 | 2.7914 | 4.9270    | 205.4397 |
| niii6584  | rs0451      | Y         | 1.8644 | 0.0136 | 148.4678  | 149.5577 |
| siii6717  | rs0451      | Y         | 0.8877 | 0.0405 | 72.7336   | 76.2119  |
| siii6731  | rs0451      | Y         | 0.5757 | 0.0383 | 48.1372   | 51.5662  |
| ariii7136 | rs0451      | Y         | 0.0510 | 0.0759 | -2.2791   | 4.6569   |

$\chi^2 = 74743.2$

