

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   | rs1120      | Y         | 142065.5890 | 0.1081 | 39.9012   | 39.9012  |
| oii3729   | rs1120      | Y         | -162.2853   | 0.1153 | -52.4277  | -52.3905 |
| neiii3869 | rs1120      | Y         | 0.6765      | 0.8722 | -12.8441  | 44.3931  |
| oiii4363  | rs1120      | Y         | 0.3756      | 0.0718 | 28.1705   | 34.8326  |
| hgamma    | rs1120      | Y         | 0.8070      | 0.4729 | 30.6995   | 74.1534  |
| hbeta     | rs1120      | Y         | 1.0000      | 1.0000 | 0.0000    | 100.1306 |
| oiii4959  | rs1120      | Y         | 0.0591      | 3.0468 | -328.5872 | 6.5036   |
| oiii5007  | rs1120      | Y         | 0.2168      | 9.0904 | -957.4356 | 23.3910  |
| heii5875  | rs1120      | Y         | 0.1041      | 0.1109 | -0.7289   | 11.1659  |
| oi6300    | rs1120      | Y         | 0.0458      | 0.0067 | 5.2398    | 6.1454   |
| niI6548   | rs1120      | Y         | 0.3461      | 0.0046 | 105.0973  | 106.5159 |
| halpha    | rs1120      | Y         | 2.8600      | 2.7914 | 5.2309    | 218.1093 |
| niI6584   | rs1120      | Y         | 1.0304      | 0.0136 | 103.7593  | 105.1457 |
| sii6717   | rs1120      | Y         | 0.5151      | 0.0405 | 42.4497   | 46.0735  |
| sii6731   | rs1120      | Y         | 0.3613      | 0.0383 | 34.7412   | 38.8592  |
| arIII7136 | rs1120      | Y         | 0.0179      | 0.0759 | -6.1873   | 1.9084   |

$\chi^2 = 87984.0$

