

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 Stds | Obs S/N  |
|-----------|-------------|-----------|-------------|--------|------------|----------|
| oii3726   | rs0247      | Y         | 0.0000      | 0.1081 | 37.7286    | -0.0000  |
| oii3729   | rs0247      | Y         | -60202.1530 | 0.1153 | -0.4834    | -0.4834  |
| neiii3869 | rs0247      | Y         | 0.2956      | 0.8722 | -35.7663   | 18.3312  |
| oii4363   | rs0247      | Y         | 0.0696      | 0.0718 | -0.2433    | 7.4251   |
| hgamma    | rs0247      | Y         | 0.4814      | 0.4729 | 0.7459     | 42.2946  |
| hbeta     | rs0247      | Y         | 1.0000      | 1.0000 | 0.0000     | 75.9914  |
| oiii4959  | rs0247      | Y         | 1.1105      | 3.0468 | -136.8969  | 78.5142  |
| oiii5007  | rs0247      | Y         | 3.3488      | 9.0904 | -220.3537  | 128.5242 |
| hei5875   | rs0247      | Y         | 0.1117      | 0.1109 | 0.1002     | 12.9665  |
| oi6300    | rs0247      | Y         | 0.0675      | 0.0067 | 9.9922     | 11.1013  |
| niI6548   | rs0247      | Y         | 0.0504      | 0.0046 | 23.6823    | 26.0649  |
| halpha    | rs0247      | Y         | 2.8600      | 2.7914 | 3.1715     | 132.2408 |
| niI6584   | rs0247      | Y         | 0.1517      | 0.0136 | 23.6784    | 26.0069  |
| sii6717   | rs0247      | Y         | 0.2685      | 0.0405 | 26.8253    | 31.5919  |
| sii6731   | rs0247      | Y         | 0.2271      | 0.0383 | 25.6589    | 30.8602  |
| arIII7136 | rs0247      | Y         | 0.0759      | 0.0759 | 0.0020     | 10.9106  |

$\chi^2 = 6050.8$

