

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   | rs0243      | Y         | 0.0000 | 0.1081 | 220.7936   | -0.0000  |
| oii3729   | rs0243      | Y         | 0.0000 | 0.1153 | 235.4582   | -0.0000  |
| neiii3869 | rs0243      | Y         | 0.0534 | 0.8722 | -190.0841  | 12.3847  |
| oiii4363  | rs0243      | Y         | 0.0037 | 0.0718 | -26.1817   | 1.4399   |
| hgamma    | rs0243      | Y         | 0.5161 | 0.4729 | 10.6902    | 127.7180 |
| hbeta     | rs0243      | Y         | 1.0000 | 1.0000 | 0.0000     | 175.6329 |
| oiii4959  | rs0243      | Y         | 0.2102 | 3.0468 | -816.2925  | 60.4913  |
| oiii5007  | rs0243      | Y         | 0.6535 | 9.0904 | -1758.3825 | 136.1981 |
| hei5875   | rs0243      | Y         | 0.0902 | 0.1109 | -5.8352    | 45.3558  |
| oi6300    | rs0243      | Y         | 0.0528 | 0.0067 | 24.8940    | 28.5424  |
| niI6548   | rs0243      | Y         | 0.3162 | 0.0046 | 181.8943   | 184.5843 |
| haipha    | rs0243      | Y         | 2.8600 | 2.7914 | 4.7244     | 196.9918 |
| niI6584   | rs0243      | Y         | 0.9509 | 0.0136 | 181.3910   | 184.0200 |
| sii6717   | rs0243      | Y         | 0.4513 | 0.0405 | 101.7256   | 111.7587 |
| sii6731   | rs0243      | Y         | 0.3299 | 0.0383 | 79.0282    | 89.4045  |
| ariii7136 | rs0243      | Y         | 0.0352 | 0.0759 | -21.5164   | 18.5904  |

$\chi^2 = 331923.8$

