

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   | rs0423      | Y         | 1.2247  | 0.1081 | 0.3778    | 0.4143  |
| oii3729   | rs0423      | Y         | 1.6884  | 0.1153 | 3.3375    | 3.5822  |
| neiii3869 | rs0423      | Y         | 0.4251  | 0.8722 | -1.9364   | 1.8415  |
| oiii4363  | rs0423      | Y         | -0.0275 | 0.0718 | -0.7359   | -0.2035 |
| hgamma    | rs0423      | Y         | 0.7856  | 0.4729 | 1.6320    | 4.9486  |
| hbeta     | rs0423      | Y         | 1.0000  | 1.0000 | 0.0000    | 8.5393  |
| oiii4959  | rs0423      | Y         | 0.4252  | 3.0468 | -24.6944  | 4.0049  |
| oiii5007  | rs0423      | Y         | 1.2136  | 9.0904 | -70.4397  | 10.8524 |
| hei5075   | rs0423      | Y         | 0.2230  | 0.1109 | 1.2267    | 2.4403  |
| oi6300    | rs0423      | Y         | 0.0304  | 0.0067 | 0.3564    | 0.4581  |
| nii6548   | rs0423      | Y         | 0.1021  | 0.0046 | 5.0221    | 5.2596  |
| halpha    | rs0423      | Y         | 2.8600  | 2.7914 | 0.7805    | 32.5441 |
| nii6584   | rs0423      | Y         | 0.3076  | 0.0136 | 5.0217    | 5.2538  |
| sii6717   | rs0423      | Y         | 0.6859  | 0.0405 | 8.3140    | 8.8359  |
| siii6731  | rs0423      | Y         | 0.6082  | 0.0383 | 7.3934    | 7.8900  |
| ariii7136 | rs0423      | Y         | 0.0382  | 0.0759 | -0.5148   | 0.5217  |

$\chi^2 = 480.5$

