

Line	Galaxy Name	In_hood?	Obs	Model	Resid_Stds	Obs_S/N
oii3726	rs1242	Y	-2.4656e+06	0.1081	-0.6726	-0.6726
oii3729	rs1242	Y	0.4787e+02	0.1153	1.1995	1.1998
neiii3869	rs1242	Y	2.0925e-01	0.8722	-1.8361	0.5795
oii4363	rs1242	Y	-5.2686e-01	0.0718	-2.5897	-2.2790
gamma	rs1242	Y	3.2614e-01	0.4729	-0.7040	1.5646
hbeta	rs1242	Y	1.0000e+00	1.0000	0.0000	5.4233
oiii4959	rs1242	Y	2.2600e-01	3.0468	-15.0681	1.2072
oii15007	rs1242	Y	1.2187e+00	0.9904	-38.1763	5.9107
hii5875	rs1242	Y	0.9346e-02	0.1109	-0.1119	0.4641
oi6300	rs1242	Y	0.9288e-02	0.0607	0.5468	0.5896
ni6548	rs1242	Y	5.6658e-01	0.0046	9.6670	9.7463
halpha	rs1242	Y	2.8600e+00	2.7914	0.3832	15.9783
ni6584	rs1242	Y	1.7064e+00	0.0136	9.6545	9.7320
psi6717	rs1242	Y	0.9540e-01	0.0405	4.5386	4.7512
psi6731	rs1242	Y	2.5572e-01	0.0383	1.2382	1.4562
arii1736	rs1242	Y	1.3447e-01	0.0759	0.2990	0.6863

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	rs1242	Y	-2.4656e+06	0.1081	-0.6726	-0.6726
oii3729	rs1242	Y	4.0787e+02	0.1153	1.1905	1.1908
neiii3869	rs1242	Y	2.0925e-01	0.8722	-1.8361	0.5795
oiii4363	rs1242	Y	-5.2686e-01	0.0718	-2.5897	-2.2790
hgamma	rs1242	Y	3.2614e-01	0.4729	-0.7040	1.5646
hbeta	rs1242	Y	1.0000e+00	1.0000	0.0000	5.4233
oiii4959	rs1242	Y	2.2600e-01	3.0468	-15.0681	1.2072
oiii5007	rs1242	Y	1.2187e+00	9.0904	-38.1763	5.9107
hei5875	rs1242	Y	8.9346e-02	0.1109	-0.1119	0.4641
oii6300	rs1242	Y	9.2888e-02	0.0067	0.5468	0.5896
nii6548	rs1242	Y	5.6658e-01	0.0046	9.6670	9.7463
halpha	rs1242	Y	2.8600e+00	2.7914	0.3832	15.9783
nii6584	rs1242	Y	1.7064e+00	0.0136	9.6545	9.7320
siii6717	rs1242	Y	9.0540e-01	0.0405	4.5386	4.7512
siii6731	rs1242	Y	2.5572e-01	0.0383	1.2382	1.4562
ariii17136	rs1242	Y	1.3447e-01	0.0759	0.2990	0.6863

$\chi^2 = 158.9$

Legend:

- Peak of 1D marginalised PDF (dashed red line)
- Model defined by peaks of 1D PDFs (red circle)
- Peak of 2D marginalised PDF (blue triangle)
- Projected peak of full nD PDF (yellow square)