

Table 1: southpeak

Parameters	Median	-1 Sigma	+1 Sigma	Best Fit	Mode Mean	Mode Sigma	Mode Maximum
h2den1	3.4344	3.1191	5.5192	3.2380	3.2945	0.1447	3.2380
tkin1	2.1615	1.3219	2.5274	2.5001	2.3435	0.1966	2.5001
cdmol1	19.2303	18.7559	19.5954	19.6003	19.4603	0.2272	19.6003
ff1	-1.4176	-1.6758	-0.8396	-1.7022	-1.5830	0.1561	-1.7022
xmol1	-1.7000	-1.7000	-1.7000	-1.7000	-1.7000	nan	-1.7000
lum1	2.8451	2.8451	2.8451	2.8451	2.8451	nan	2.8451
press1	5.7266	5.4626	6.8674	5.7381	5.6381	0.1721	5.7381
bacd1	17.8786	17.7708	17.9994	17.8980	17.8773	0.0871	17.8980
k1mol0	2.6984	2.5518	2.8561	2.7671	2.7476	0.0888	2.7671
k2mol0	2.3747	2.2893	2.4646	2.3146	2.3475	0.0536	2.3146
k3mol0	2.0889	1.9907	2.1866	2.0942	2.1003	0.0660	2.0942
k1mol1	0.1737	0.1469	0.1988	0.1723	0.1733	0.0180	0.1723
k2mol1	0.3440	0.2700	0.4384	0.3331	0.3314	0.0484	0.3331
k3mol1	0.2836	0.1966	0.4373	0.2851	0.2759	0.0666	0.2851
mass1	8.4773	8.3696	8.5981	8.4968	8.4761	0.0871	8.4968