

JLF Feb 11, 2009

Heteroscedastic Threshold Model with random effects both
on location and dispersion parameters

Example: ANALYSIS OF KOCH's RESPIRATORY DATA

Polychotomous response: 5 categories

Warm up: 10000

then 50000 + 20000 for DIC with Thin=3

	mean	sd	MC_error	val2.5pc	median	val97.5pc	start	sample
PPP	0.3044	0.4601	0.003206	0.0	0.0	1.0	10001	70000
alpha	1.87	0.4307	0.01524	1.092	1.84	2.799	10001	70000
beta[1]	1.448	0.4249	0.01644	0.6528	1.438	2.336	10001	70000
beta[2]	2.466	0.5204	0.02001	1.555	2.426	3.59	10001	70000
delta[1]	0.4186	0.1895	0.006792	0.05132	0.4144	0.7983	10001	70000
inter[1]	1.87	0.4307	0.01524	1.092	1.84	2.799	10001	70000
inter[2]	0.5863	0.3563	0.01309	-0.0725	0.5758	1.335	10001	70000
inter[3]	-1.349	0.3778	0.01427	-2.126	-1.331	-0.6306	10001	70000
inter[4]	-2.918	0.5036	0.01973	-4.005	-2.883	-2.038	10001	70000
sig.dis	0.5692	0.1202	0.002793	0.3469	0.5643	0.8207	10001	70000
sig.loc	1.833	0.2847	0.009182	1.346	1.808	2.463	10001	70000
var.dis	0.3384	0.1421	0.00323	0.1204	0.3184	0.6735	10001	70000
var.loc	3.441	1.094	0.03522	1.812	3.268	6.065	10001	70000

	Dbar	Dhat	DIC	pD
Y	481.9	348.7	615.1	133.2
total	481.9	348.7	615.1	133.2

Minimum deviance: 403.9











