Tapered Gutenberg-Richter Frequency-Magnitude Distributions by Plate Boundary Class:
Monte Carlo set #1 of subcatalogs

(All ranges are 95%-confidence limits.)

Abbreviation	**CCB**	**CTF**	**CRB**	**OSR**		**OTF**			**OCB**	**SUB**	**INT**
Class	Continental Convergent Boundary	Continental Transform Fault	Contin-ental Rift Boundary	Oceanic Spreading Ridge		Oceanic Transform Fault, by plate velocity, mm/a:			Oceanic Convergent Boundary	SUB-duction zone	plate INTerior
				normal	other	3-39	40-68	69-263			
	Harvard CMT catalog (1977.01.01-2002.09.30)										
threshold, m_t	5.66	5.66	5.33	5.33	5.33	5.50	5.50	5.50	5.66	5.66	5.66
all earthquakes*	313*	288*	345*	464*	101*	420*	435*	397*	144*	2734*	535*
excluding orogens	242	205	283	427	83	393	402	367	129	2056	199
slope, β	.61 ±.10	.65 ±.12	.62 ±.10	.87 .55-1	.83 .61-1	.63 ±.08	.65 ±.11	.75 ±.11	.55 ±.13	.64 ±.04	.69 ±.13
corner magnitude, m_c	7.49 7.18-**?**	8.02 7.50-**?**	7.52 7.10-**?**	5.83 5.68-6.03	7.44 6.72-**?**	7.98 7.42-**?**	6.57 6.4-6.82	6.83 6.59-7.67	7.78 7.42-**?**	8.22 7.97-9.13	8.23 7.60-**?**
	Pacheco & Sykes [1992] catalog (1900-1975) + *Ekström & Nettles* [1997] catalog (1976): $M_S \geq 7$										
threshold, m_t	7.10	7.10	7.10	7.10		7.10	7.10	7.10	7.10	7.10	7.10
all earthquakes*	31*	43*	11*	2*		4*	3*	3*	20*	275*	77*
excluding orogens	20	39	9	2		4	3	3	18	216	14(3?)
	three catalogs merged (1900-2002): $M_S \geq 7$										
threshold, m_t	7.10	7.10	7.10			7.10			7.10	7.10	
all earthquakes*	42*	54*	13*			6*			29*	387*	
slope, β	[.61]	[.65]	[.62]			[.63]			[.55]	[.64]	
corner magnitude, m_c	8.53* 8.16-**?**	7.97* 7.77-8.37	7.60* 7.37-8.19			8.22* 7.73-**?**			8.07* 7.83-8.66	9.57* 9.13-**?**	

*including earthquakes in the 13 orogens.

[] copied from CMT results