

Table A1. Summary of Data regarding Individual Variability used for our Studies

Type of Individual Variability	Chemical	Object	Distribution	Source
Exposure	Methylmercury	Via fish	LN GSD = 1.5	Shirai (1988)
	Organophosphorus termiticides	Occupational (termite control)	LNd GSD = 2.9	Gamo (1995)
	Chlordane	Via indoor air	LN GSD = 3.8	Gamo (1995)
	Benzene	Ppersonal	LN GSD = 3.4	Gamo (2000)
	Toluene	Personal	LN GSD = 4.7	Gamo (2000)
	Xylene	Personal	LN GSD = 3.5	Gamo (2000)
Metabolizing rate	General substances	Half life	LN GSD = 1.4	Masuyama(1977)
	Methylmercury	Half life	N CV = 23.4%	Nordberg(1976)
Body Burden	Dioxins	Breast milk	LN GSD = 1.5	Tada(1998)
	PCB	Breast milk	LN GSD = 2.2	Masuyama(1976)
	Methylmercury	Hair	LN GSD = 1.7	Masuyama(1976)
	Methylmercury	Urine	LN GSD = 1.6	Shirai (1988)
	Cadmium	Urine	LN GSD = 2	Gamo (2000)
Sensitivity	Dioxins	NOAEL in fetus	LN GSD = 1.7	Nakanishi(2000)
	Methylmercury	NOAEL	LN GSD = 2.7	Nordberg(1976)

BB= Body burden LN=Lognormal N=Normal, CV=Coefficient of variation  
GSD= Geometric Standard Deviation