

MEAN GM VOLUME [cm ³]	Total LR	AntGenu LR	Lib LR	Cons LR	Total L	Total R	AntGenu L	AntGenu R	Lib L	Lib R	Cons L	Cons R	AntGenu %	Lib %	Cons %
Human	512.7 (55.0)	77.2 (11.1)	131.0 (15.5)	105.2 (13.2)	253.2 (28.1)	259.5 (27.8)	37.7 (5.7)	39.5 (5.8)	64.8 (7.7)	66.2 (8.0)	52.0 (6.5)	53.3 (6.9)	15%	26%	21%
Chimp	133.5 (12.9)	18.5 (2.6)		23.2 (2.4)	67.3 (6.5)	66.2 (6.5)	9.2 (1.3)	9.3 (1.4)			11.5 (1.2)	11.7 (1.3)	14%		17%
Macaque	34.4 (2.9)	3.3 (0.5)	4.8 (0.6)	4.4 (0.5)	17.2 (1.5)	17.1 (1.5)	1.6 (0.2)	1.7 (0.3)	2.3 (0.3)	2.5 (0.3)	2.1 (0.2)	2.2 (0.3)	10%	14%	13%
MEAN SURF. AREA [cm ²]	Total LR	AntGenu LR	Lib LR	Cons LR	Total L	Total R	AntGenu L	AntGenu R	Lib L	Lib R	Cons L	Cons R	AntGenu %	Lib %	Cons %
Human	1,842.6 (195.9)	287.0 (40.1)	460.7 (55.2)	377.1 (48.0)	917.3 (97.8)	925.3 (98.4)	140.9 (20.0)	146.1 (21.0)	229.5 (27.2)	231.2 (28.2)	187.7 (23.4)	189.4 (24.9)	16%	25%	20%
Chimp	599.4 (53.1)	71.9 (10.2)		84.9 (8.2)	301.1 (26.0)	298.3 (27.2)	35.5 (5.1)	36.4 (5.4)			41.7 (4.0)	43.1 (4.3)	12%		14%
Macaque	193.3 (13.2)	19.1 (2.3)	25.7 (2.4)	22.8 (2.1)	96.7 (6.7)	96.7 (6.6)	9.4 (1.2)	9.7 (1.2)	12.3 (1.1)	13.4 (1.2)	10.9 (1.0)	11.8 (1.1)	10%	13%	12%
MEAN THICKNESS [mm]	Total LR	AntGenu LR	Lib LR	Cons LR	Total L	Total R	AntGenu L	AntGenu R	Lib L	Lib R	Cons L	Cons R			
Human	2.7 (0.1)	2.7 (0.1)	2.8 (0.1)	2.7 (0.1)	2.7 (0.1)	2.7 (0.1)	2.7 (0.1)	2.8 (0.1)	2.8 (0.1)	2.8 (0.1)	2.7 (0.1)	2.8 (0.1)			
Chimp	2.6 (0.1)	3.4 (0.1)		3.3 (0.1)	2.6 (0.1)	2.6 (0.1)	3.4 (0.1)	3.4 (0.1)			3.4 (0.1)	3.3 (0.1)			
Macaque	2.0 (0.1)	2.3 (0.1)	2.2 (0.1)	2.3 (0.1)	2.0 (0.1)	2.0 (0.1)	2.3 (0.1)	2.3 (0.1)	2.3 (0.1)	2.2 (0.1)	2.3 (0.1)	2.2 (0.1)			

MEAN WM VOLUME [cm ³]	Total LR	AntGenu LR	Total L	Total R	AntGenu L	AntGenu R	AntGenu %
Human	442.9 (61.7)	52.3 (10.2)	219.7 (30.6)	223.2 (31.2)	26.0 (5.1)	25.4 (5.3)	12%
Chimp	119.4 (12.0)	8.5 (1.9)	59.9 (6.1)	59.5 (6.0)	4.2 (0.9)	4.3 (1.0)	7%
Macaque	21.8 (2.5)	1.1 (0.2)	10.9 (1.2)	11.0 (1.3)	0.5 (0.1)	0.6 (0.1)	5%

MEAN V1 GM VOL. [cm ³]	Total LR	Total L	Total R	Area V1 %
Human	14.0 (2.0)	7.0 (1.0)	7.0 (1.1)	3%
Chimp	7.5 (0.8)	3.8 (0.4)	3.7 (0.4)	6%
Macaque	3.3 (0.4)	1.7 (0.2)	1.7 (0.2)	10%
MEAN V1 SURF AREA [cm ²]	Total LR	Total L	Total R	Area V1 %
Human	69.7 (9.4)	34.9 (4.9)	34.9 (5.0)	4%
Chimp	47.2 (4.7)	23.8 (2.3)	23.4 (2.5)	8%
Macaque	21.6 (1.8)	10.8 (0.9)	10.9 (0.9)	11%
MEAN V1 THICKNESS [mm]	Total LR	Total L	Total R	
Human	2.0 (0.1)	2.0 (0.1)	2.0 (0.1)	
Chimp	2.0 (0.2)	2.0 (0.2)	2.0 (0.2)	
Macaque	1.8 (0.1)	1.8 (0.1)	1.8 (0.1)	

MEAN 4 GM VOL. [cm ³]	Total LR	Total L	Total R	Area 4 %
Human	11.2 (1.6)	5.8 (1.0)	5.4 (0.8)	2.2%
Chimp	8.1 (1.2)	4.3 (0.6)	3.8 (0.6)	6.0%
Macaque	1.4 (0.2)	0.6 (0.1)	0.8 (0.1)	4.0%
MEAN 4 SURF AREA [cm ²]	Total LR	Total L	Total R	Area 4 %
Human	39.4 (5.4)	20.4 (3.2)	19.1 (2.6)	2.1%
Chimp	25.6 (3.1)	13.0 (1.6)	12.6 (1.5)	4.3%
Macaque	5.3 (0.5)	2.5 (0.2)	2.8 (0.3)	2.7%
MEAN 4 THICKNESS [mm]	Total LR	Total L	Total R	
Human	2.8 (0.1)	2.8 (0.2)	2.8 (0.1)	
Chimp	2.6 (0.2)	2.7 (0.2)	2.6 (0.2)	
Macaque	2.9 (0.1)	2.9 (0.1)	2.9 (0.1)	

MEAN FEF/45b GM VOL. [cm ³]	Total LR	Total L	Total R	Area FEF/45b %
Human	2.7 (0.6)	1.2 (0.3)	1.5 (0.4)	0.52%
Macaque	0.2 (0.02)	0.09 (0.01)	0.07 (0.01)	0.47%
MEAN FEF/45b SURF AREA [cm ²]	Total LR	Total L	Total R	Area FEF/45b %
Human	9.9 (2.2)	4.5 (1.2)	5.4 (1.5)	0.54%
Macaque	0.8 (0.1)	0.5 (0.06)	0.4 (0.05)	0.42%
MEAN FEF/45b THICKNESS [mm]	Total LR	Total L	Total R	
Human	2.7 (0.1)	2.7 (0.2)	2.7 (0.2)	
Macaque	2.2 (0.09)	2.3 (0.13)	2.2 (0.09)	

Values are averaged over individual subjects (60 humans; 29 chimpanzees; 19 macaques). Standard deviations are provided in parentheses next to the average values. Provided percentages are of total cortex per measure.