

On-Line Table 1: DC—quantitative analysis (n = 42) ^a								
TR	CBF _{DC}		CBV _{DC}		MTT _{DC}		TTD _{DC}	
	2-second	1-second	2-second	1-second	2-second	1-second	2-second	1-second
GM absolute values								
Median (range)	74 (71–77)	66 (61–68)	3.9 (3.7–4.1)	3.5 (3.3–3.7)	3.2 (3.1–3.3)	3.3 (3.1–3.4)	3.6 (3.4–3.8)	3.6 (3.3–3.8)
Difference		+13% ^b		+13% ^b		–2% ^c		–1% ^d
WM absolute values								
Median (range)	36 (33–38)	30 (28–32)	2.0 (1.9–2.2)	1.8 (1.7–2.0)	3.8 (3.4–3.9)	4.0 (3.6–4.3)	4.8 (4.2–5.1)	4.8 (4.3–5.3)
Difference		+17% ^b		+11% ^b		–6% ^b		0% ^d
Penumbra absolute values								
Median (range)	35 (28–42)	27 (23–36)	3.2 (2.8–3.7)	2.8 (2.5–3.3)	7.6 (5.2–8.7)	8.1 (5.8–9.4)	10.7 (8.7–12.3)	11.0 (9.2–12.7)
Difference		+30% ^{b,e}		+12% ^b		–6% ^b		–3% ^b
Core absolute values								
Median (range)	12 (11–18)	11 (9–14)	1.2 (0.8–1.5)	1.1 (0.8–1.4)	6.2 (5.2–7.4)	6.8 (5.7–7.9)	12.8 (11.3–15.0)	13.7 (12.2–15.2)
Difference		+15% ^b		+10% ^c		–9% ^c		–6% ^c
Penumbra relative values								
Median (range)	.49 (.41–.60)	.47 (.39–.60)	.91 (.78–1.0)	.93 (.83–1.0)	2.4 (1.7–2.6)	2.5 (1.8–2.8)	2.9 (2.3–3.4)	3.0 (2.2–3.6)
Difference		–.01 ^c		–.02 ^b		–0.10 ^b		–.11 ^c
Core relative values								
Median (range)	.19 (.16–.28)	.19 (.15–.26)	.34 (.24–.45)	.38 (.28–.44)	2.0 (1.5–2.3)	2.1 (1.8–2.4)	3.7 (2.9–4.2)	3.9 (2.9–4.4)
Difference		–.01 ^d		–.04 ^c		–.14 ^c		–.20 ^c

^a All values are given as median (interquartile range). Units are CBF (mL/100 g/min), CBV (mL/100 g), temporal parameters (second). Difference of 2-second and 1-second TR are given as relative difference of 2-second and 1-second ROI value medians.

^b $P < .001$.

^c $P < .05$.

^d No statistically significant difference.

^e Differences likely to be of diagnostic or therapeutic relevance. Statistical significance of differences was tested using the Wilcoxon signed rank test for paired samples.

On-Line Table 2: MS—quantitative analysis (n = 42) ^a							
TR	CBF _{MS}		CBV _{MS}		TTP _{MS}		
	2-second	1-second	2-second	1-second	2-second	1-second	
GM absolute values							
Median (range)	61 (58–63)	61 (59–62)	3.6 (3.5–3.8)	3.6 (3.5–3.7)	8.6 (7.7–9.5)	7.7 (6.7–9.0)	
Difference		0% ^d		+2% ^c		+12% ^b	
WM absolute values							
Median (range)	29 (28–30)	29 (28–30)	1.8 (1.7–1.9)	1.9 (1.8–2.0)	9.6 (8.4–10.8)	8.6 (7.8–10.4)	
Difference		+1% ^d		–5% ^b		+12% ^c	
Penumbra absolute values							
Median (range)	33 (29–40)	32 (28–37)	2.4 (2.2–2.8)	2.6 (2.5–2.9)	13.5 (12.2–14.7)	13.2 (11.5–15.0)	
Difference		+4% ^c		–9% ^b		+3% ^d	
Core absolute values							
Median (range)	6 (5–11)	9 (6–12)	0.5 (0.4–0.9)	0.9 (0.7–1.1)	14.3 (11.8–16.1)	14.6 (12.2–16.5)	
Difference		–27%		–38% ^{b,e}		–2% ^d	
Penumbra relative values							
Median (range)	.57 (.48–.72)	.59 (.48–.66)	.74 (.66–.83)	.81 (.75–.85)	1.6 (1.3–1.7)	1.8 (1.4–1.9)	
Difference		–.02 ^d		–.07 ^b		–0.17 ^b	
Core relative values							
Median (range)	.12 (.08–.21)	.17 (.12–.23)	.17 (.13–.29)	0.29 (.21–.37)	1.6 (1.4–1.8)	1.8 (1.6–2.2)	
Difference		–.04 ^d		–.12 ^{b,e}		–0.12 ^b	

^a All values are given as median (interquartile range). Units are CBF (mL/100 g/min), CBV (mL/100 g), temporal parameters (second). Differences of 2-second and 1-second TR are given as relative difference of 2-second and 1-second ROI value medians.

^b $P < .001$.

^c $P < .05$.

^d No statistically significant difference.

^e Differences likely to be of diagnostic or therapeutic relevance. Statistical significance of differences was tested using the Wilcoxon signed rank test for paired samples.