

**eTable 3. Statistical results for each cortical volume, surface-area and thickness of the individual parcels within the frontal superparcel**

Frontal Superparcel	Measure	side	All-PTSD to HC comparison			Sub-group comparisons				
			Mean (SD)		t-test: <i>P</i> Value (Effect size <sup>^</sup> )	Mean (SD)		t-test: <i>P</i> Value (Effect size <sup>^</sup> )		
			All-PTSD (n=33)	HC (n=28)	All-PTSD vs. HC	DID-PTSD (n=17)	PTSD-only (n=16)	DID-PTSD vs. HC	DID-PTSD vs. PTSD-only	PTSD-only vs. HC
Caudal middle frontal	volume	left	6249 (1141)	6274 (1026)	0.88 (-0.02)	6200 (1089)	6301 (1227)	0.94 (-0.07)	0.68 (-0.09)	0.69 (0.02)
		right	5641 (972)	5854 (901)	0.72 (-0.23)	5517 (848)	5772 (1101)	0.36 (-0.39)	0.25 (-0.26)	0.69 (-0.08)
	surface-area	left	2243 (399)	2254 (355)	0.51 (-0.03)	2235 (378)	2253 (432)	0.71 (-0.05)	0.62 (-0.04)	0.38 (0.00)
		right	1972 (305)	2061 (322)	0.20 (-0.28)	1932 (273)	2015 (339)	0.16 (-0.43)	0.59 (-0.27)	0.48 (-0.14)
	thickness	left	2.49 (0.10)	2.49 (0.09)	0.73 (0.03)	2.48 (0.08)	2.49 (0.12)	0.96 (-0.01)	0.56 (-0.11)	0.49 (0.10)
		right	2.54 (0.14)	2.53 (0.11)	0.99 (-0.01)	2.53 (0.10)	2.54 (0.16)	0.80 (-0.07)	0.54 (-0.09)	0.66 (0.03)
Rostral middle frontal	volume	left	14076 (1887)	14632 (1288)	0.17 (-0.35)	14177 (1936)	13969 (1892)	0.51 (-0.28)	0.36 (0.11)	0.10 (-0.42)
		right	14919 (2289)	15421 (1588)	0.34 (-0.26)	14863 (2498)	14978 (2125)	0.47 (-0.27)	0.93 (-0.05)	0.42 (-0.24)
	surface-area	left	5359 (672)	5462 (506)	0.15 (-0.18)	5373 (704)	5344 (660)	0.44 (-0.15)	0.38 (0.04)	0.098 (-0.20)
		right	5694 (783)	5841 (634)	0.25 (-0.21)	5709 (788)	5679 (803)	0.51 (-0.19)	0.54 (0.04)	0.21 (-0.23)
	thickness	left	2.28 (0.11)	2.30 (0.14)	0.33 (-0.21)	2.28 (0.08)	2.27 (0.14)	0.61 (-0.18)	0.58 (0.13)	0.27 (-0.24)
		right	2.26 (0.13)	2.26 (0.15)	0.96 (-0.01)	2.24 (0.10)	2.27 (0.14)	0.74 (-0.13)	0.58 (-0.25)	0.78 (0.10)
Lateral orbito frontal	volume	left	7173 (850)	7638 (723)	<b>0.002*</b> (-0.59)	7013 (818)	7342 (877)	<b>0.002*</b> (-0.81)	0.26 (-0.39)	0.059 (-0.37)
		right	6347 (844)	6640 (586)	0.081 (-0.41)	6263 (904)	6436 (795)	0.074 (-0.51)	0.50 (-0.20)	0.30 (-0.30)
	surface-area	left	2585 (255)	2700 (256)	<b>0.014*</b> (-0.45)	2564 (283)	2606 (230)	<b>0.037*</b> (-0.50)	0.65 (-0.16)	<b>0.017*</b> (-0.39)
		right	2333 (272)	2491 (268)	<b>0.003*</b> (-0.58)	2324 (287)	2343 (263)	<b>0.018*</b> (-0.60)	0.59 (-0.07)	<b>0.007*</b> (-0.56)
	thickness	left	2.61 (0.15)	2.65 (0.16)	<b>0.041*</b> (-0.32)	2.57 (0.13)	2.64 (0.15)	<b>0.023*</b> (-0.57)	0.24 (-0.52)	0.37 (-0.08)
		right	2.47 (0.13)	2.44 (0.15)	0.57 (0.18)	2.45 (0.12)	2.48 (0.14)	0.85 (0.08)	0.54 (-0.24)	0.39 (0.28)

Abbreviations: DID=dissociative identity disorder; PTSD=postraumatic stress disorder; HC=healthy controls.

\* p-value<=0.05(uncorrected)

eTable 3 (cont.). Statistical results for each cortical volume, surface-area and thickness of the individual parcels within the frontal superparcel

Frontal Superparcel	Measure	side	All-PTSD to HC comparison			Sub-group comparisons				
			Mean (SD)		t-test: <i>P</i> Value (Effect size $\hat{\lambda}$ )	Mean (SD)		t-test: <i>P</i> Value (Effect size $\hat{\lambda}$ )		
			All-PTSD (n=33)	HC (n=28)	All-PTSD vs. HC	DID-PTSD (n=17)	PTSD-only (n=16)	DID-PTSD vs. HC	DID-PTSD vs. PTSD-only	PTSD-only vs. HC
Medial orbito frontal	volume	left	4795 (717)	5004 (619)	0.32 (-0.31)	4685 (714)	4912 (725)	0.20 (-0.48)	0.44 (-0.32)	0.68 (-0.14)
		right	4977 (714)	5238 (520)	0.095 (-0.42)	4876 (704)	5084 (731)	<b>0.047*</b> (-0.59)	0.25 (-0.29)	0.49 (-0.25)
	surface-area	left	1827 (285)	1850 (240)	0.36 (-0.09)	1802 (329)	1855 (237)	0.29 (-0.17)	0.70 (-0.19)	0.59 (0.02)
		right	1892 (230)	1979 (206)	<b>0.031*</b> (-0.40)	1884 (243)	1900 (224)	0.054 (-0.42)	0.88 (-0.07)	0.11 (-0.37)
	thickness	left	2.36 (0.16)	2.40 (0.13)	0.14 (-0.29)	2.35 (0.14)	2.37 (0.18)	0.22 (-0.35)	0.94 (-0.08)	0.22 (-0.23)
		right	2.33 (0.17)	2.34 (0.11)	0.75 (-0.09)	2.30 (0.16)	2.36 (0.19)	0.47 (-0.28)	0.41 (-0.30)	0.82 (0.09)
Pars opercularis	volume	left	4733 (1090)	5035 (833)	0.21 (-0.31)	4817 (1218)	4643 (967)	0.68 (-0.21)	0.23 (0.16)	0.089 (-0.44)
		right	3957 (673)	4224 (600)	0.14 (-0.42)	4092 (723)	3814 (605)	0.59 (-0.20)	0.20 (0.42)	0.059 (-0.68)
	surface-area	left	1625 (302)	1691 (254)	0.16 (-0.24)	1660 (303)	1588 (307)	0.52 (-0.11)	0.27 (0.24)	0.077 (-0.37)
		right	1364 (220)	1446 (200)	<b>0.032*</b> (-0.39)	1438 (216)	1286 (203)	0.46 (-0.04)	0.053 (0.72)	<b>0.006*</b> (-0.79)
	thickness	left	2.55 (0.14)	2.60 (0.11)	0.11 (-0.40)	2.51 (0.13)	2.58 (0.13)	<b>0.043*</b> (-0.69)	0.24 (-0.52)	0.52 (-0.11)
		right	2.61 (0.19)	2.61 (0.15)	0.67 (-0.04)	2.56 (0.17)	2.64 (0.19)	0.34 (-0.26)	0.24 (-0.41)	0.69 (0.18)
Pars orbitalis	volume	left	1976 (243)	2106 (348)	0.060 (-0.44)	1894 (216)	2063 (246)	<b>0.023*</b> (-0.75)	0.18 (-0.73)	0.43 (-0.14)
		right	2432 (348)	2667 (387)	<b>0.004*</b> (-0.63)	2380 (344)	2491 (354)	<b>0.007*</b> (-0.79)	0.50 (-0.32)	0.052 (-0.48)
	surface-area	left	597 (61)	616 (89)	0.25 (-0.25)	595 (68)	600 (55)	0.37 (-0.26)	0.84 (-0.08)	0.30 (-0.22)
		right	751 (91)	815 (122)	<b>0.004*</b> (-0.60)	737 (94)	766 (89)	<b>0.010*</b> (-0.72)	0.87 (-0.32)	<b>0.030*</b> (-0.46)
	thickness	left	2.61 (0.22)	2.70 (0.25)	<b>0.049*</b> (-0.40)	2.53 (0.17)	2.70 (0.22)	<b>0.013*</b> (-0.81)	0.15 (-0.83)	0.41 (-0.04)
		right	2.58 (0.19)	2.58 (0.22)	0.99 (-0.03)	2.56 (0.17)	2.60 (0.20)	0.83 (-0.14)	0.72 (-0.25)	0.84 (0.09)

Abbreviations: DID=dissociative identity disorder; PTSD=posttraumatic stress disorder; HC=healthy controls.

\* p-value<=0.05(uncorrected)

eTable 3 (cont.). Statistical results for each cortical volume, surface-area and thickness of the individual parcels within the frontal superparcel

Frontal Superparcel	Measure	side	All-PTSD to HC comparison			Sub-group comparisons				
			Mean (SD)		t-test: P Value (Effect size $\hat{\lambda}$ )	Mean (SD)		t-test: P Value (Effect size $\hat{\lambda}$ )		
			All-PTSD (n=33)	HC (n=28)	All-PTSD vs. HC	DID-PTSD (n=17)	PTSD-only (n=16)	DID-PTSD vs. HC	DID-PTSD vs. PTSD-only	PTSD-only vs. HC
Pars triangularis	volume	left	3397 (586)	3694 (536)	<b>0.040*</b> (-0.53)	3321 (483)	3479 (685)	0.064 (-0.73)	0.83 (-0.27)	0.11 (-0.35)
		right	3891 (606)	4080 (763)	0.22 (-0.28)	3782 (609)	4006 (600)	0.17 (-0.43)	0.53 (-0.37)	0.52 (-0.11)
	surface-area	left	1224 (160)	1290 (161)	0.084 (-0.42)	1222 (143)	1225 (182)	0.24 (-0.45)	0.47 (-0.02)	0.067 (-0.38)
		right	1372 (188)	1445 (232)	0.12 (-0.35)	1355 (202)	1390 (177)	0.15 (-0.41)	0.99 (-0.18)	0.19 (-0.27)
	thickness	left	2.48 (0.19)	2.53 (0.15)	0.091 (-0.33)	2.42 (0.14)	2.53 (0.22)	<b>0.015* (-0.74)</b>	<b>0.049* (-0.60)</b>	0.89 (-0.01)
		right	2.50 (0.19)	2.48 (0.16)	0.70 (0.10)	2.44 (0.12)	2.55 (0.23)	0.62 (-0.24)	0.15 (-0.61)	0.26 (0.36)
Paracentral	volume	left	3205 (325)	3394 (412)	0.074 (-0.51)	3200 (335)	3211 (326)	0.16 (-0.52)	0.91 (-0.03)	0.13 (-0.50)
		right	3734 (644)	3875 (366)	0.65 (-0.28)	3676 (523)	3796 (764)	0.42 (-0.45)	0.40 (-0.19)	0.87 (-0.14)
	surface-area	left	1259 (152)	1300 (141)	0.31 (-0.28)	1288 (196)	1228 (78)	0.72 (-0.07)	0.37 (0.43)	0.19 (-0.65)
		right	1446 (260)	1448 (147)	0.94 (-0.01)	1454 (253)	1438 (276)	0.99 (0.03)	0.89 (0.06)	0.88 (-0.05)
	thickness	left	2.33 (0.18)	2.35 (0.12)	0.30 (-0.19)	2.28 (0.17)	2.37 (0.17)	0.11 (-0.50)	0.18 (-0.54)	0.98 (0.13)
		right	2.35 (0.17)	2.44 (0.11)	<b>0.011*</b> (-0.66)	2.31 (0.16)	2.39 (0.17)	<b>0.004* (-0.98)</b>	0.17 (-0.50)	0.21 (-0.36)
Precentral	volume	left	12896 (1199)	13209 (943)	0.49 (-0.29)	12480 (841)	13339 (1381)	0.068 (-0.82)	<b>0.025*</b> (-0.77)	0.45 (0.11)
		right	12601 (1453)	12970	0.48 (-0.28)	12349 (1236)	12869 (1652)	0.27 (-0.52)	0.34 (-0.36)	0.97 (-0.07)
	surface-area	left	4576 (417)	4618 (318)	0.73 (-0.11)	4477 (216)	4681 (546)	0.26 (-0.52)	0.15 (-0.53)	0.55 (0.15)
		right	4567 (406)	4674 (467)	0.27 (-0.24)	4544 (362)	4592 (459)	0.39 (-0.31)	0.57 (-0.12)	0.16 (-0.18)
	thickness	left	2.57 (0.15)	2.58 (0.11)	0.40 (-0.16)	2.54 (0.14)	2.59 (0.15)	0.30 (-0.33)	0.57 (-0.30)	0.72 (0.02)
		right	2.53 (0.14)	2.54 (0.11)	0.60 (-0.11)	2.50 (0.11)	2.56 (0.16)	0.33 (-0.39)	0.34 (-0.43)	0.89 (0.12)

Abbreviations: DID=dissociative identity disorder; PTSD=posttraumatic stress disorder; HC=healthy controls.  
\* p-value<=0.05(uncorrected)

eTable 3 (cont.). Statistical results for each cortical volume, surface-area and thickness of the individual parcels within the frontal superparcel

Frontal Superparcel	Measure	side	All-PTSD to HC comparison			Sub-group comparisons				
			Mean (SD)		t-test: P Value (Effect size <sup>^</sup> )	Mean (SD)		t-test: P Value (Effect size <sup>^</sup> )		
			All-PTSD (n=33)	HC (n=28)	All-PTSD vs. HC	DID-PTSD (n=17)	PTSD-only (n=16)	DID-PTSD vs. HC	DID-PTSD vs. PTSD-only	PTSD-only vs. HC
Superior frontal	volume	left	20749 (1886)	22144 (2035)	<b>0.001*</b> (-0.71)	20683 (1948)	20819 (1880)	<b>0.015*</b> (-0.73)	0.57 (-0.07)	<b>0.003*</b> (-0.68)
		right	20538 (2216)	21673 (2008)	<b>0.017*</b> (-0.54)	20744 (2322)	20319 (2151)	0.24 (-0.43)	0.089 (0.19)	<b>0.003*</b> (-0.65)
	surface-area	left	6793 (579)	7107 (610)	<b>0.009*</b> (-0.53)	6807 (667)	6777 (489)	0.052 (-0.47)	0.61 (0.05)	<b>0.021*</b> (-0.60)
		right	6670 (607)	6919 (596)	<b>0.007*</b> (-0.41)	6751 (728)	6583 (453)	0.13 (-0.25)	0.15 (0.28)	<b>0.004*</b> (-0.64)
	thickness	left	2.63 (2.64)	2.66 (0.14)	0.38 (-0.20)	2.61 (0.09)	2.65 (0.16)	0.30 (-0.38)	0.61 (-0.29)	0.69 (-0.05)
		right	2.64 (0.14)	2.67 (0.11)	0.23 (-0.30)	2.62 (0.10)	2.65 (0.18)	0.28 (-0.45)	0.95 (-0.16)	0.35 (-0.19)
Frontal pole	volume	left	684 (136)	2.67 (0.11)	0.25 (-0.33)	686 (142)	682 (133)	0.43 (-0.31)	0.75 (0.03)	0.26 (-0.36)
		right	904 (176)	725 (107)	0.065 (-0.41)	920 (208)	887 (138)	0.17 (-0.28)	0.75 (0.19)	0.096 (-0.58)
	surface-area	left	183 (38)	970 (147)	0.63 (-0.13)	184 (38)	182 (38)	0.79 (-0.10)	0.82 (0.06)	0.62 (-0.16)
		right	259 (52)	188 (33)	0.13 (-0.38)	261 (61)	256 (42)	0.28 (-0.30)	0.64 (0.09)	0.13 (-0.48)
	thickness	left	2.72 (0.23)	2.79 (0.23)	0.063 (-0.34)	2.68 (0.17)	2.65 (0.18)	0.065 (-0.53)	0.55 (-0.27)	0.28 (-0.19)
		right	2.64 (0.20)	2.63 (0.25)	0.75 (-0.02)	2.61 (0.21)	2.74 (0.27)	0.67 (-0.09)	0.74 (-0.17)	0.97 (0.06)
Caudal anterior cingulate	volume	left	1909 (432)	1938 (534)	0.65 (-0.06)	1912 (501)	1906 (361)	0.71 (-0.05)	0.98 (0.01)	0.74 (-0.07)
		right	1939 (541)	2287 (415)	<b>0.008*</b> (-0.73)	1938 (456)	1939 (633)	<b>0.034*</b> (-0.80)	0.91 (0.00)	<b>0.029*</b> (-0.66)
	surface-area	left	661 (130)	689 (167)	0.20 (-0.18)	687 (156)	634 (93)	0.67 (-0.01)	0.28 (0.42)	0.11 (-0.42)
		right	722 (170)	823 (132)	<b>0.009*</b> (-0.66)	733 (168)	711 (177)	0.058 (-0.60)	0.50 (0.13)	<b>0.015*</b> (-0.72)
	thickness	left	2.57 (0.22)	2.56 (0.20)	0.80 (0.05)	2.48 (0.20)	2.65 (0.19)	0.098 (-0.37)	<b>0.006*</b> (-0.90)	0.12 (0.53)
		right	2.42 (0.20)	2.47 (0.22)	0.34 (-0.25)	2.38 (0.12)	2.66 (0.19)	0.18 (-0.53)	0.26 (-0.42)	0.98 (-0.05)

Abbreviations: DID=dissociative identity disorder; PTSD=posttraumatic stress disorder; HC=healthy controls.

\* p-value<=0.05(uncorrected)

**eTable 3 (cont.). Statistical results for each cortical volume, surface-area and thickness of the individual parcels within the frontal superparcel**

Frontal Superparcel	Measure	side	All-PTSD to HC comparison			Sub-group comparisons				
			Mean (SD)		t-test: <i>P</i> Value (Effect size $\hat{\lambda}$ )	Mean (SD)		t-test: <i>P</i> Value (Effect size $\hat{\lambda}$ )		
			All-PTSD (n=33)	HC (n=28)	All-PTSD vs. HC	DID-PTSD (n=17)	PTSD-only (n=16)	DID-PTSD vs. HC	DID-PTSD vs. PTSD-only	PTSD-only vs. HC
Rostral anterior cingulate	volume	left	2660 (389)	2758 (542)	0.42 (-0.21)	2637 (393)	2684 (395)	0.48 (-0.26)	0.91 (-0.12)	0.57 (-0.16)
		right	2102 (529)	2205 (449)	0.67 (-0.21)	2026 (554)	2184 (506)	0.43 (-0.36)	0.42 (-0.30)	0.89 (-0.04)
	surface-area	left	837 (118)	880 (197)	0.16 (-0.28)	831 (139)	842 (96)	0.29 (-0.29)	0.99 (-0.09)	0.27 (-0.26)
		right	684 (156)	717 (141)	0.18 (-0.22)	669 (164)	701 (150)	0.18 (-0.32)	0.65 (-0.20)	0.48 (-0.11)
	thickness	left	2.82 (0.19)	2.80 (0.19)	0.98 (0.06)	2.82 (0.17)	2.46 (0.26)	0.88 (0.09)	0.79 (0.05)	0.88 (0.04)
		right	2.70 (0.21)	2.69 (0.16)	0.83 (0.01)	2.66 (0.22)	2.81 (0.20)	0.76 (-0.15)	0.33 (-0.30)	0.44 (0.09)

Abbreviations: DID=dissociative identity disorder; PTSD=posttraumatic stress disorder; HC=healthy controls.

\* p-value<=0.05(uncorrected)

**eTable 4. Statistical results for cortical volume, surface-area and thickness of the individual parcels within the parietal superparcel.**

Parietal Superparcel	Measure	side	All-PTSD to HC comparison			Sub-group comparisons				
			Mean (SD)		t-test: P Value (Effect size $\hat{\lambda}$ )	Mean (SD)		t-test: P Value (Effect size $\hat{\lambda}$ )		
			All-PTSD (n=33)	HC (n=28)	All-PTSD vs. HC	DID-PTSD (n=17)	PTSD-only (n=16)	DID-PTSD vs. HC	DID-PTSD vs. PTSD-only	PTSD-only vs. HC
Superior parietal	volume	left	13476 (1369)	13548 (1574)	0.89 (-0.05)	13663 (1140)	13277 (1590)	0.65 (0.08)	0.29 (0.28)	0.45 (-0.17)
		right	13539 (1171)	13153 (1313)	0.16 (0.31)	13694 (1336)	13375 (984)	0.069 (0.41)	0.21 (0.28)	0.69 (0.19)
	surface-area	left	5277 (585)	5191 (633)	0.80 (0.14)	5354 (455)	5196 (703)	0.52 (0.30)	0.39 (0.27)	0.71 (0.01)
		right	5331 (526)	5158 (492)	0.22 (0.34)	5363 (573)	5298 (488)	0.22 (0.38)	0.66 (0.12)	0.52 (0.28)
	thickness	left	2.28 (0.88)	2.31 (0.12)	0.24 (-0.32)	2.26 (0.07)	2.28 (0.09)	0.19 (-0.42)	0.56 (-0.18)	0.55 (-0.24)
		right	2.24 (0.10)	2.24 (0.13)	0.99 (0.02)	2.25 (0.11)	2.23 (0.09)	0.76 (0.09)	0.58 (0.18)	0.74 (-0.07)
Inferior parietal	volume	left	12154 (1574)	12980 (1706)	0.063 (-0.50)	11304 (1314)	13057 (1325)	<b>0.002*</b> (-1.11)	<b>0.005*</b> (-1.33)	0.97 (0.05)
		right	14428 (1503)	15176 (1792)	0.22 (-0.45)	14193 (1639)	14677 (1350)	0.15 (-0.57)	0.44 (-0.32)	0.58 (-0.32)
	surface-area	left	4338 (516)	4468 (456)	0.14 (-0.27)	4098 (447)	4594 (469)	<b>0.005*</b> (-0.82)	<b>0.004*</b> (-1.08)	0.49 (0.27)
		right	5068 (470)	5254 (592)	0.17 (-0.35)	5022 (508)	5118 (436)	0.15 (-0.42)	0.60 (-0.20)	0.47 (-0.26)
	thickness	left	2.49 (0.11)	2.55 (0.13)	<b>0.038*</b> (-0.55)	2.44 (0.08)	2.52 (0.12)	<b>0.007*</b> (-0.98)	0.090 (-0.76)	0.47 (-0.21)
		right	2.52 (0.12)	2.53 (0.15)	0.50 (-0.12)	2.49 (0.10)	2.54 (0.13)	0.31 (-0.30)	0.40 (-0.39)	0.99 (0.06)
Postcentral	volume	left	9513 (1296)	10058 (1080)	0.13 (-0.46)	9328 (1427)	9709 (1154)	0.11 (-0.58)	0.57 (-0.30)	0.35 (-0.31)
		right	8980 (1153)	9360 (893)	0.21 (-0.37)	8786 (967)	9187 (1324)	0.10 (-0.62)	0.26 (-0.35)	0.71 (-0.16)
	surface-area	left	3850 (365)	3984 (382)	0.14 (-0.36)	3830 (374)	3872 (367)	0.18 (-0.41)	0.87 (-0.11)	0.16 (-0.30)
		right	3735 (371)	3818 (337)	0.30 (-0.23)	3679 (242)	3796 (472)	0.22 (-0.48)	0.71 (-0.33)	0.48 (-0.06)
	thickness	left	2.15 (0.14)	2.19 (0.12)	0.19 (-0.31)	2.12 (0.15)	2.18 (0.12)	0.089 (-0.52)	0.33 (-0.48)	0.59 (-0.05)
		right	2.14 (0.13)	2.16 (0.13)	0.48 (-0.17)	2.13 (0.15)	2.15 (0.11)	0.46 (-0.22)	0.78 (-0.17)	0.69 (-0.07)

Abbreviations: DID=dissociative identity disorder; PTSD=posttraumatic stress disorder; HC=healthy controls.

\* p-value<=0.05(uncorrected)

**eTable 4. (cont.) Statistical results for cortical volume, surface-area and thickness of the individual parcels within the parietal superparcel**

Parietal Superparcel	Measure	side	All-PTSD to HC comparison			Sub-group comparisons				
			Mean (SD)		t-test: P Value (Effect size $\hat{\lambda}$ )	Mean (SD)		t-test: P Value (Effect size $\hat{\lambda}$ )		
			All-PTSD (n=33)	HC (n=28)	All-PTSD vs. HC	DID-PTSD (n=17)	PTSD-only (n=16)	DID-PTSD vs. HC	DID-PTSD vs. PTSD-only	PTSD-only vs. HC
Precuneus	volume	left	9558 (864)	9800 (1007)	0.36 (-0.26)	9462 (782)	9659 (959)	0.36 (-0.38)	0.79 (-0.23)	0.55 (-0.14)
		right	9546 (935)	9971 (1083)	0.10 (-0.42)	9468 (767)	9628 (1106)	0.14 (-0.54)	0.83 (-0.17)	0.22 (-0.31)
	surface-area	left	3694 (366)	3725 (412)	0.57 (-0.08)	3634 (361)	3758 (371)	0.34 (-0.24)	0.47 (-0.34)	0.95 (0.08)
		right	3783 (426)	3855 (469)	0.35 (-0.16)	3778 (455)	3788 (409)	0.41 (-0.17)	0.99 (-0.02)	0.45 (0.15)
	thickness	left	2.40 (0.12)	2.42 (0.12)	0.50 (-0.19)	2.40 (0.10)	2.39 (0.14)	0.76 (-0.16)	0.58 (0.07)	0.37 (-0.20)
		right	2.33 (0.13)	2.38 (0.10)	0.15 (-0.44)	2.31 (0.13)	2.34 (0.11)	0.11 (-0.55)	0.56 (-0.22)	0.39 (-0.34)
Supramarginal	volume	left	10642 (1599)	10779 (1531)	0.99 (-0.09)	10746 (1699)	10532 (1533)	0.68 (-0.02)	0.46 (0.13)	0.67 (-0.16)
		right	10019 (1166)	10336 (1431)	0.21 (-0.24)	9949 (1246)	10094 (1111)	0.34 (-0.29)	0.83 (-0.12)	0.25 (-0.19)
	surface-area	left	3653 (479)	3636 (473)	0.80 (0.03)	3695 (507)	3607 (460)	0.79 (0.12)	0.29 (0.18)	0.36 (-0.06)
		right	3489 (351)	3574 (507)	0.18 (-0.20)	3481 (373)	3498 (339)	0.27 (-0.21)	0.98 (-0.05)	0.31 (-0.18)
	thickness	left	2.59 (0.13)	2.62 (0.16)	0.24 (-0.26)	2.58 (0.11)	2.60 (0.14)	0.34 (-0.32)	0.92 (-0.18)	0.31 (-0.13)
		right	2.60 (0.15)	2.59 (0.16)	0.95 (0.02)	2.58 (0.13)	2.61 (0.17)	0.96 (-0.06)	0.96 (-0.16)	0.99 (0.10)
Isthmus cingulate	volume	left	2456 (381)	2501 (468)	0.90 (-0.10)	2515 (390)	2394 (374)	0.51 (0.03)	0.17 (0.32)	0.38 (-0.25)
		right	2233 (362)	2291 (467)	0.61 (-0.14)	2208 (371)	2260 (363)	0.65 (-0.20)	0.97 (-0.14)	0.69 (-0.07)
	surface-area	left	937 (138)	913 (155)	0.57 (0.16)	965 (140)	908 (133)	0.25 (0.35)	0.19 (0.42)	0.67 (-0.04)
		right	878 (136)	862 (162)	0.75 (0.11)	878 (135)	878 (143)	0.79 (0.11)	0.94 (0.00)	0.87 (0.11)
	thickness	left	2.46 (0.17)	2.56 (0.20)	<b>0.019*</b> (-0.56)	2.45 (0.17)	2.49 (0.21)	0.063 (-0.56)	0.87 (-0.18)	0.11 (-0.34)
		right	2.41 (0.22)	2.47 (0.21)	0.14 (-0.32)	2.38 (0.16)	2.45 (0.25)	0.12 (-0.49)	0.47 (-0.32)	0.49 (-0.11)

Abbreviations: DID=dissociative identity disorder; PTSD=posttraumatic stress disorder; HC=healthy controls.

\* p-value<=0.05(uncorrected)

**eTable 4. (cont.) Statistical results for cortical volume, surface-area and thickness of the individual parcels within the parietal superparcel**

Parietal Superparcel	Measure	side	All-PTSD to HC comparison			Sub-group comparisons				
			Mean (SD)		t-test: <i>P</i> Value (Effect size $\hat{\lambda}$ )	Mean (SD)		t-test: <i>P</i> Value (Effect size $\hat{\lambda}$ )		
			All-PTSD (n=33)	HC (n=28)	All-PTSD vs. HC	DID-PTSD (n=17)	PTSD-only (n=16)	DID-PTSD vs. HC	DID-PTSD vs. PTSD-only	PTSD-only vs. HC
Posterior cingulate	volume	left	3070 (574)	3351 (527)	<b>0.039*</b> (-0.51)	3000 (620)	3144 (530)	<b>0.034*</b> (-0.61)	0.43 (-0.25)	0.21 (-0.39)
		right	3081 (610)	3209 (314)	0.59 (-0.28)	3101 (632)	3059 (605)	0.85 (-0.23)	0.63 (0.07)	0.48 (-0.33)
	surface-area	left	1137 (166)	1211 (171)	<b>0.039*</b> (-0.44)	1126 (196)	1148 (133)	0.070 (-0.46)	0.98 (-0.13)	0.095 (-0.41)
		right	1167 (204)	1172 (132)	0.81 (-0.03)	1202 (221)	1131 (184)	0.53 (0.17)	0.43 (0.35)	0.76 (-0.26)
	thickness	left	2.47 (0.16)	2.53 (0.16)	<b>0.043*</b> (-0.43)	2.43 (0.16)	2.52 (0.18)	<b>0.034*</b> (-0.60)	0.19 (-0.51)	0.56 (-0.05)
		right	2.41 (0.18)	2.48 (0.17)	0.12 (-0.43)	2.35 (0.14)	2.46 (0.20)	<b>0.031*</b> (-0.77)	0.12 (-0.62)	0.73 (-0.08)

Abbreviations: DID=dissociative identity disorder; PTSD=posttraumatic stress disorder; HC=healthy controls.

\* p-value<=0.05(uncorrected)

**eTable 5. Statistical results for cortical volume, surface-area and thickness of the individual parcels within the temporal superparcel**

Temporal Superparcel	Measure	side	All-PTSD to HC comparison			Sub-group comparisons				
			Mean (SD)		t-test: P Value (Effect size $\hat{\lambda}$ )	Mean (SD)		t-test: P Value (Effect size $\hat{\lambda}$ )		
			All-PTSD (n=33)	HC (n=28)	All-PTSD vs. HC	DID-PTSD (n=17)	PTSD-only (n=16)	DID-PTSD vs. HC	DID-PTSD vs. PTSD-only	PTSD-only vs. HC
Superior temporal	volume	left	11537 (1364)	12051 (1184)	0.099 (-0.40)	11627 (1373)	11442 (1393)	0.54 (-0.33)	0.13 (0.13)	<b>0.027*</b> (-0.47)
		right	11246 (1329)	11446 (1129)	0.60 (-0.16)	11014 (1302)	11493 (1355)	0.43 (-0.36)	0.56 (-0.36)	0.89 (0.04)
	surface-area	left	3588 (336)	3698 (421)	0.23 (-0.29)	3639 (306)	3533 (367)	0.67 (-0.16)	0.22 (0.31)	0.082 (-0.42)
		right	3461 (304)	3482 (321)	0.35 (-0.07)	3452 (284)	3471 (332)	0.50 (-0.10)	0.78 (-0.06)	0.36 (-0.03)
	thickness	left	2.79 (0.14)	2.84 (0.15)	0.082 (-0.37)	2.76 (0.14)	2.81 (0.12)	0.087 (-0.48)	0.70 (-0.36)	0.23 (-0.18)
		right	2.83 (0.15)	2.86 (0.16)	0.29 (-0.24)	2.78 (0.16)	2.89 (0.12)	0.083 (-0.51)	0.12 (-0.76)	0.95 (0.18)
Middle temporal	volume	left	10206 (1329)	10823 (1402)	0.11 (-0.45)	10438 (1613)	9960 (932)	0.59 (-0.26)	0.13 (0.38)	<b>0.030*</b> (-0.74)
		right	11483 (1289)	11755 (1424)	0.44 (-0.20)	11628 (1583)	11329 (908)	0.91 (-0.08)	0.16 (0.24)	0.14 (-0.37)
	surface-area	left	3040 (385)	3101 (330)	0.35 (-0.17)	3110 (450)	2965 (298)	0.93 (0.02)	0.13 (0.39)	0.11 (-0.43)
		right	3341 (345)	3389 (353)	0.21 (-0.14)	3409 (400)	3269 (270)	0.84 (0.05)	0.14 (0.42)	0.071 (-0.38)
	thickness	left	2.78 (0.16)	2.85 (0.15)	<b>0.041*</b> (-0.47)	2.79 (0.17)	2.77 (0.14)	0.11 (-0.39)	0.78 (0.08)	0.074 (-0.52)
		right	2.88 (0.16)	2.89 (0.18)	0.72 (-0.07)	2.86 (0.16)	2.90 (0.14)	0.63 (-0.16)	0.78 (-0.26)	0.88 (0.08)
Inferior temporal	volume	left	9679 (1166)	10013 (1381)	0.30 (-0.26)	9533 (1124)	9834 (1225)	0.27 (-0.38)	0.66 (-0.26)	0.56 (-0.14)
		right	9622 (1245)	10446 (1201)	<b>0.013*</b> (-0.67)	9482 (1213)	9772 (1301)	<b>0.016*</b> (-0.80)	0.49 (-0.23)	0.10 (-0.54)
	surface-area	left	3248 (406)	3254 (444)	0.51 (-0.01)	3236 (405)	3260 (420)	0.75 (-0.04)	0.66 (-0.06)	0.43 (0.02)
		right	3060 (423)	3227 (400)	<b>0.034*</b> (-0.41)	3052 (411)	3068 (448)	0.14 (-0.43)	0.48 (-0.04)	<b>0.035*</b> (-0.37)
	thickness	left	2.57 (0.11)	2.61 (0.12)	0.079 (-0.38)	2.55 (0.11)	2.58 (0.11)	0.089 (-0.47)	0.56 (-0.26)	0.34 (-0.22)
		right	2.74 (0.13)	2.78 (0.13)	0.26 (-0.28)	2.72 (0.12)	2.77 (0.12)	0.12 (-0.50)	0.31 (-0.45)	0.73 (-0.06)

Abbreviations: DID=dissociative identity disorder; PTSD=posttraumatic stress disorder; HC=healthy controls.

\* p-value<=0.05(uncorrected)

**eTable 5. (cont.) Statistical results for cortical volume, surface-area and thickness of the individual parcels within the temporal superparcel**

Temporal Superparcel	Measure	side	All-PTSD to HC comparison			Sub-group comparisons				
			Mean (SD)		t-test: <i>P</i> Value (Effect size $\hat{\lambda}$ )	Mean (SD)		t-test: <i>P</i> Value (Effect size $\hat{\lambda}$ )		
			All-PTSD (n=33)	HC (n=28)	All-PTSD vs. HC	DID-PTSD (n=17)	PTSD-only (n=16)	DID-PTSD vs. HC	DID-PTSD vs. PTSD-only	PTSD-only vs. HC
Temporal pole	volume	left	2305 (308)	2472 (383)	0.073 (-0.48)	2257 (258)	2355 (355)	0.087 (-0.67)	0.75 (-0.32)	0.18 (-0.32)
		right	2128 (240)	2170 (298)	0.80 (-0.15)	2084 (226)	2175 (254)	0.47 (-0.33)	0.35 (-0.38)	0.72 (0.02)
	surface-area	left	451 (66)	457 (68)	0.46 (-0.08)	443 (52)	460 (80)	0.48 (-0.24)	0.88 (-0.27)	0.42 (0.05)
		right	407 (64)	415 (53)	0.49 (-0.13)	405 (70)	410 (59)	0.67 (-0.16)	0.75 (-0.06)	0.46 (-0.10)
	thickness	left	3.69 (0.19)	3.78 (0.25)	0.071 (-0.44)	3.68 (0.11)	3.71 (0.25)	0.10 (-0.58)	0.63 (-0.19)	0.31 (-0.29)
		right	3.73 (0.32)	3.77 (0.31)	0.45 (-0.15)	3.70 (0.33)	3.75 (0.28)	0.39 (-0.22)	0.66 (-0.15)	0.75 (-0.08)
Transverse temporal	volume	left	1076 (191)	1184 (202)	0.068 (-0.55)	1079 (211)	1073 (175)	0.22 (-0.51)	0.56 (0.03)	0.071 (-0.59)
		right	845 (161)	877 (155)	0.54 (-0.20)	849 (172)	841 (154)	0.83 (-0.17)	0.59 (0.05)	0.42 (-0.23)
	surface-area	left	439 (79)	447 (86)	0.60 (-0.10)	433 (70)	444 (89)	0.66 (-0.17)	0.86 (-0.14)	0.55 (-0.03)
		right	325 (56)	338 (56)	0.30 (-0.23)	326 (51)	325 (62)	0.561 (-0.23)	0.48 (0.02)	0.20 (-0.23)
	thickness	left	2.25 (0.23)	2.38 (0.27)	<b>0.044*</b> (-0.53)	2.24 (0.24)	2.21 (0.24)	0.10 (-0.52)	0.76 (0.11)	0.062 (-0.62)
		right	2.30 (0.29)	2.32 (0.28)	0.89 (-0.09)	2.28 (0.33)	2.29 (0.24)	0.80 (-0.12)	0.89 (-0.04)	0.94 (-0.10)
STS banks	volume	left	2422 (407)	2700 (403)	<b>0.005*</b> (-0.68)	2356 (339)	2493 (470)	<b>0.006*</b> (-0.93)	0.40 (-0.34)	0.071 (-0.47)
		right	2417 (327)	2450 (386)	0.94 (-0.09)	2374 (309)	2463 (349)	0.78 (-0.22)	0.71 (-0.27)	0.89 (0.04)
	surface-area	left	969 (137)	1040 (168)	<b>0.044*</b> (-0.46)	942 (123)	997 (148)	<b>0.026*</b> (-0.67)	0.37 (-0.41)	0.29 (-0.27)
		right	940 (93)	952 (118)	0.41 (-0.11)	942 (93)	939 (97)	0.84 (-0.10)	0.23 (0.20)	0.13 (-0.12)
	thickness	left	2.49 (0.14)	2.58 (0.17)	<b>0.006*</b> (-0.61)	2.50 (0.11)	2.47 (0.17)	0.074 (-0.53)	0.27 (0.21)	<b>0.005*</b> (-0.62)
		right	2.62 (0.20)	2.62 (0.19)	0.86 (0.00)	2.58 (0.18)	2.68 (0.21)	0.67 (-0.23)	0.32 (-0.51)	0.49 (0.28)

Abbreviations: DID=dissociative identity disorder; PTSD=posttraumatic stress disorder; HC=healthy controls.

\* p-value<=0.05(uncorrected)

**eTable 5. (cont.) Statistical results for cortical volume, surface-area and thickness of the individual parcels within the temporal superparcel**

Temporal Superparcel	Measure	side	All-PTSD to HC comparison			Sub-group comparisons				
			Mean (SD)		t-test: P Value (Effect size ^)	Mean (SD)		t-test: P Value (Effect size ^)		
			All-PTSD (n=33)	HC (n=28)	All-PTSD vs. HC	DID-PTSD (n=17)	PTSD-only (n=16)	DID-PTSD vs. HC	DID-PTSD vs. PTSD-only	PTSD-only vs. HC
Parahippocampal	volume	left	2169 (294)	2294 (401)	0.17 (-0.36)	2207 (287)	2129 (305)	0.39 (-0.25)	0.59 (0.26)	0.16 (-0.47)
		right	2146 (394)	2208 (390)	0.51 (-0.16)	2128 (370)	2165 (430)	0.49 (-0.21)	0.74 (-0.09)	0.75 (-0.10)
	surface-area	left	715 (105)	721 (110)	0.71 (-0.06)	735 (105)	694 (104)	0.61 (0.12)	0.13 (0.39)	0.22 (-0.26)
		right	692 (141)	690 (120)	0.98 (0.02)	687 (140)	697 (147)	0.87 (-0.02)	0.54 (-0.07)	0.59 (0.06)
	thickness	left	2.68 (0.25)	2.75 (0.36)	0.51 (-0.21)	2.68 (0.19)	2.70 (0.29)	0.54 (-0.25)	0.83 (-0.08)	0.73 (-0.15)
		right	2.74 (0.20)	2.82 (0.27)	0.33 (-0.35)	2.74 (0.19)	2.76 (0.23)	0.39 (-0.34)	0.70 (-0.09)	0.69 (-0.25)
Entorhinal	volume	left	1748 (304)	1925 (371)	0.067 (-0.52)	1777 (347)	1717 (259)	0.23 (-0.41)	0.54 (0.20)	0.071 (-0.66)
		right	1646 (287)	1802 (435)	0.19 (-0.43)	1570 (275)	1726 (286)	0.099 (-0.65)	0.30 (-0.56)	0.63 (-0.21)
	surface-area	left	416 (71)	451 (87)	<b>0.039*</b> (-0.43)	410 (78)	422 (65)	0.073 (-0.49)	0.84 (-0.17)	0.16 (-0.37)
		right	361 (86)	396 (107)	0.21 (-0.35)	347 (87)	377 (85)	0.22 (-0.50)	0.92 (-0.36)	0.32 (-0.19)
	thickness	left	3.33 (0.32)	3.29 (0.28)	0.67 (0.11)	3.44 (0.29)	3.21 (0.29)	0.11 (0.50)	<b>0.040*</b> (0.76)	0.42 (-0.27)
		right	3.48 (0.31)	3.47 (0.40)	0.89 (0.00)	3.43 (0.35)	3.50 (0.25)	0.63 (-0.11)	0.56 (-0.23)	0.85 (0.08)
Fusiform	volume	left	9520 (1275)	9744	0.68 (-0.19)	9392 (1462)	9656 (1072)	0.64 (-0.27)	0.84 (-0.21)	0.81 (-0.08)
		right	8984 (1121)	9489	0.13 (-0.45)	8982 (1246)	8986 (1012)	0.29 (-0.43)	0.69 (0.00)	0.14 (-0.47)
	surface-area	left	3214 (398)	3237 (314)	0.61 (-0.06)	3208 (409)	3219 (400)	0.88 (-0.08)	0.48 (-0.03)	0.36 (-0.05)
		right	3022 (374)	3172 (332)	0.060 (-0.42)	3034 (431)	3009 (318)	0.20 (-0.36)	0.47 (0.07)	0.055 (-0.50)
	thickness	left	2.64 (0.14)	2.67 (0.13)	0.19 (-0.27)	2.62 (0.13)	2.65 (0.14)	0.22 (-0.35)	0.75 (-0.20)	0.41 (-0.14)
		right	2.68 (0.15)	2.70 (0.12)	0.57 (-0.13)	2.67 (0.14)	2.70 (0.16)	0.42 (-0.22)	0.43 (-0.19)	0.92 (-0.01)

Abbreviations: DID=dissociative identity disorder; PTSD=posttraumatic stress disorder; HC=healthy controls.

\* p-value<=0.05(uncorrected)

**eTable 6. Statistical results for cortical volume, surface-area and thickness of the individual parcels within the occipital superparcel**

Occipital Superparcel	Measure	side	All-PTSD to HC comparison			Sub-group comparisons				
			Mean (SD)		t-test: P Value (Effect size ^)	Mean (SD)		t-test: P Value (Effect size ^)		
			All-PTSD (n=33)	HC (n=28)	All-PTSD vs. HC	DID-PTSD (n=17)	PTSD-only (n=16)	DID-PTSD vs. HC	DID-PTSD vs. PTSD-only	PTSD-only vs. HC
Lateral occipital	volume	left	11065 (1401)	11297	0.85 (-0.16)	11165 (1475)	10959 (1359)	0.68 (-0.09)	0.28 (0.15)	0.41 (-0.24)
		right	10636 (1467)	11013	0.40 (-0.26)	10635 (1394)	10638 (1587)	0.66 (-0.27)	0.61 (0.00)	0.32 (-0.25)
	surface-area	left	4564 (481)	4569 (644)	0.75 (-0.01)	4609 (495)	4516 (476)	0.88 (0.07)	0.41 (0.19)	0.44 (-0.10)
		right	4391 (539)	4420 (644)	0.62 (-0.05)	4421 (519)	4360 (576)	0.86 (0.00)	0.60 (0.11)	0.45 (-0.10)
	thickness	left	2.17 (0.13)	2.21 (0.12)	0.18 (-0.37)	2.17 (0.13)	2.16 (0.11)	0.33 (-0.31)	0.73 (0.09)	0.20 (-0.43)
		right	2.17 (0.13)	2.23 (0.14)	0.18 (-0.39)	2.17 (0.12)	2.18 (0.16)	0.26 (-0.44)	0.95 (-0.05)	0.32 (-0.34)
Cuneus	volume	left	2832 (504)	2930 (355)	0.72 (-0.23)	2907 (666)	2752 (236)	0.59 (-0.04)	0.13 (0.34)	0.24 (-0.60)
		right	2962 (368)	3109 (501)	0.35 (-0.34)	3017 (441)	2904 (272)	0.81 (-0.20)	0.31 (0.32)	0.17 (-0.53)
	surface-area	left	1448 (221)	1452 (192)	0.88 (-0.02)	1477 (289)	1416 (112)	0.69 (0.11)	0.29 (0.30)	0.41 (-0.23)
		right	1479 (161)	1530 (243)	0.31 (-0.25)	1493 (189)	1464 (131)	0.56 (-0.17)	0.59 (0.18)	0.26 (-0.35)
	thickness	left	1.83 (0.11)	1.89 (0.10)	<b>0.050*</b> (-0.56)	1.83 (0.13)	1.82 (0.07)	0.13 (-0.47)	0.69 (0.14)	0.065 (-0.78)
		right	1.85 (0.14)	1.87 (0.10)	0.49 (-0.22)	1.86 (0.15)	1.83 (0.11)	0.93 (-0.05)	0.42 (0.28)	0.33 (-0.39)
Lingual	volume	left	5911 (872)	6331 (961)	0.073 (-0.46)	5895 (869)	5928 (904)	0.12 (-0.48)	0.92 (-0.04)	0.16 (-0.43)
		right	6180 (814)	6338 (860)	0.50 (-0.19)	6154 (704)	6208 (941)	0.49 (-0.24)	0.74 (-0.07)	0.72 (-0.14)
	surface-area	left	2859 (382)	2951 (396)	0.35 (-0.24)	2876 (351)	2841 (423)	0.49 (-0.20)	0.40 (0.09)	0.49 (-0.27)
		right	2900 (358)	2920 (400)	0.66 (-0.05)	2913 (348)	2886 (378)	0.81 (-0.02)	0.79 (0.08)	0.60 (-0.09)
	thickness	left	1.94 (0.13)	2.00 (0.11)	<b>0.043*</b> (-0.58)	1.93 (0.15)	1.95 (0.09)	0.11 (-0.52)	0.93 (-0.09)	0.11 (-0.56)
		right	1.99 (0.13)	2.02 (0.12)	0.35 (-0.28)	1.98 (0.12)	2.01 (0.12)	0.35 (-0.37)	0.85 (-0.23)	0.50 (-0.13)

Abbreviations: DID=dissociative identity disorder; PTSD=posttraumatic stress disorder; HC=healthy controls.

\* p-value<=0.05(uncorrected)

**eTable 6 (cont.). Statistical results for cortical volume, surface-area and thickness of the individual parcels within the occipital superparcel**

Occipital Superparcel	Measure	side	All-PTSD to HC comparison			Sub-group comparisons				
			Mean (SD)		t-test: <i>P</i> Value (Effect size $\hat{\lambda}$ )	Mean (SD)		t-test: <i>P</i> Value (Effect size $\hat{\lambda}$ )		
			All-PTSD (n=33)	HC (n=28)	All-PTSD vs. HC	DID-PTSD (n=17)	PTSD-only (n=16)	DID-PTSD vs. HC	DID-PTSD vs. PTSD-only	PTSD-only vs. HC
Peri-calcarine	volume	left	1929 (316)	1992 (333)	0.65 (-0.19)	1931 (345)	1928 (292)	0.65 (-0.18)	0.83 (0.01)	0.83 (-0.21)
		right	2191 (328)	2327 (366)	0.22 (-0.39)	2179 (302)	2204 (363)	0.23 (-0.44)	0.73 (-0.07)	0.43 (-0.34)
	surface-area	left	1336 (206)	1340 (220)	0.80(-0.02)	1335 (213)	1337 (204)	0.24 (-0.02)	0.75 (-0.01)	0.16 (-0.01)
		right	1421 (208)	1483 (233)	0.16 (-0.28)	1407 (190)	1436 (230)	0.34 (-0.36)	0.47 (-0.14)	0.95 (-0.20)
	thickness	left	1.58 (0.09)	1.62 (0.13)	0.24 (-0.40)	1.56 (0.09)	1.58 (0.09)	0.16 (-0.48)	0.41 (-0.22)	0.67 (-0.32)
		right	1.64 (0.12)	1.67 (0.12)	0.40 (-0.28)	1.64 (0.10)	1.63 (0.11)	0.49 (-0.26)	0.98 (0.08)	0.50 (-0.32)

Abbreviations: DID=dissociative identity disorder; PTSD=posttraumatic stress disorder; HC=healthy controls.

\* p-value<=0.05(uncorrected)

**eTable 7. Statistical results for cortical volume, surface-area and thickness of the insula superparcel**

Insula Superparcel	Measure	side	All-PTSD to HC comparison			Sub-group comparisons				
			Mean (SD)		t-test: <i>P</i> Value (Effect size $\hat{\lambda}$ )	Mean (SD)		t-test: <i>P</i> Value (Effect size $\hat{\lambda}$ )		
			All-PTSD (n=33)	HC (n=28)	All-PTSD vs. HC	DID-PTSD (n=17)	PTSD-only (n=16)	DID-PTSD vs. HC	DID-PTSD vs. PTSD-only	PTSD-only vs. HC
Insula	volume	left	6374 (544)	6999 (446)	<b>&lt;0.001**</b> (-1.26)	6373 (579)	6376 (523)	<b>&lt;0.001**</b> (-1.22)	0.66 (-0.01)	<b>&lt;0.001**</b> (-
		right	6803 (586)	7048 (704)	0.23 (-0.38)	6792 (526)	6816 (661)	0.51 (-0.42)	0.41 (-0.04)	0.12 (-0.34)
	surface-area	left	2142 (143)	2304 (185)	<b>&lt;0.001**</b> (-0.99)	2162 (173)	2120 (104)	<b>0.005**</b> (-0.79)	0.39 (-0.30)	<b>0.001**</b> (-0.48)
		right	2282 (173)	2288 (230)	0.71 (-0.03)	2279 (131)	2286 (214)	0.99 (-0.05)	0.38 (-0.04)	0.32 (-0.01)
	thickness	left	2.94 (0.15)	3.00 (0.19)	0.31 (-0.34)	2.90 (0.14)	2.98 (0.14)	0.13 (-0.55)	0.26 (-0.53)	0.85 (-0.08)
		right	2.95 (0.16)	3.02 (0.17)	0.11 (-0.42)	2.93 (0.17)	2.97 (0.15)	0.13 (-0.50)	0.92 (-0.21)	0.19 (-0.32)

Abbreviations: DID=dissociative identity disorder; PTSD=posttraumatic stress disorder; HC=healthy controls.

\*\* Corrected for multiple comparison

eTable 8. Statistical results for cortical volume (mm<sup>3</sup>) after excluding DID patients with a history of using typical antipsychotics.

Superparcel	side	All-PTSD to HC comparison			Sub-group comparisons				
		Mean (SD)		t-test: P Value (Effect size <sup>^</sup> )	Mean (SD)		t-test: P Value (Effect size <sup>^</sup> )		
		All-PTSD (n=30)	HC (n=28)	All-PTSD vs. HC	DID-PTSD (n=14)	PTSD-only (n=16)	DID-PTSD vs. HC	DID-PTSD vs. PTSD-only	PTSD-only vs. HC
Whole-brain	total	446615 (34383)	468430 (28543)	<b>&lt;0.001**</b> (-0.69)	440081 (30933)	452332 (37169)	<b>0.003**</b> (-0.95)	0.82 (-0.36)	<b>0.004**</b> (-0.49)
	left	222904 (17072)	234336 (14676)	<b>&lt;0.001**</b> (-0.72)	219661 (15302)	225741 (18497)	<b>0.002**</b> (-0.98)	0.93 (-0.36)	<b>0.001**</b> (-0.52)
	right	223711 (17436)	234094 (14003)	<b>0.001**</b> (-0.66)	220419 (15737)	226591 (18820)	<b>0.007**</b> (-0.92)	0.073 (-0.36)	<b>0.013**</b> (-0.46)
Frontal	total	167325 (15715)	176665 (10572)	<b>0.001**</b> (-0.71)	164339 (13083)	169937 (17707)	<b>0.002**</b> (-1.04)	0.60 (-0.36)	<b>0.007**</b> (-0.48)
	left	83989 (7478)	88555 (5548)	<b>&lt;0.001**</b> (-0.70)	82428 (5991)	85356 (8528)	<b>0.003**</b> (-1.06)	0.66 (-0.40)	<b>0.006**</b> (-0.45)
	right	83335 (8309)	88110 (5173)	<b>0.001**</b> (-0.71)	81910 (7151)	84581 (9253)	<b>0.003**</b> (-1.01)	0.57 (-0.33)	<b>0.012**</b> (-0.49)
Parietal	total	122574 (8170)	126517 (9795)	0.14 (-0.44)	120879 (7742)	124058 (8490)	0.22 (-0.64)	0.88 (-0.39)	0.26 (-0.27)
	left	60850 (4360)	63019 (5287)	0.11 (-0.45)	59793 (3786)	61775 (4731)	0.15 (-0.71)	0.73 (-0.47)	0.26 (-0.25)
	right	61724 (3995)	63497 (4702)	0.22 (-0.41)	61085 (4122)	62283 (3926)	0.36 (-0.55)	0.94 (-0.30)	0.29 (-0.28)
Temporal	total	100327 (8416)	105858 (7498)	<b>0.001**</b> (-0.70)	98852 (8690)	101619 (8226)	<b>0.009**</b> (-0.87)	0.84 (-0.33)	<b>0.010**</b> (-0.54)
	left	50209 (4184)	53209 (3967)	<b>0.001**</b> (-0.74)	49689 (4456)	50664 (4021)	<b>0.013**</b> (-0.84)	0.78 (-0.23)	<b>0.003**</b> (-0.64)
	right	50118 (4314)	52648 (3719)	<b>0.006**</b> (-0.63)	49162 (4264)	50955 (4315)	<b>0.011**</b> (-0.87)	0.50 (-0.42)	0.051 (-0.42)
Occipital	total	43292 (4096)	45340 (4850)	0.17 (-0.46)	43026 (3864)	43524 (4401)	0.42 (-0.53)	0.68 (-0.12)	0.18 (-0.39)
	left	21512 (2156)	22552 (2541)	0.21 (-0.44)	21447 (2330)	21569 (2068)	0.52 (-0.45)	0.17 (-0.06)	0.52 (-0.43)
	right	21779 (2088)	22788 (2513)	0.19 (-0.44)	21578 (1650)	21955 (2449)	0.37 (-0.58)	0.85 (-0.18)	0.24 (-0.34)
Insula	total	13095 (968)	14047 (1042)	<b>0.001**</b> (-0.95)	12984 (866)	13192 (1068)	<b>0.016**</b> (-1.11)	0.51 (-0.21)	<b>0.001**</b> (-0.81)

left	6342 (465)	6999 (446)	<b>&lt;0.001**</b> (-1.44)	6303 (404)	6376 (523)	<b>&lt;0.001**</b> (-1.64)	0.63 (-0.16)	<b>&lt;0.001**</b> (-1.29)
right	6753 (588)	7048 (704)	0.18 (-0.46)	6681 (506)	6816 (661)	0.50 (-0.61)	0.51 (-0.23)	0.14 (-0.34)

\*\* Corrected for multiple comparison

\* Uncorrected for multiple comparisons (p-value<=0.05)

^ Cohen's d effect size

**eTable 9. Statistical results for cortical surface-area (mm<sup>2</sup>) after excluding DID patients with a history of using typical antipsychotics.**

Superparcel	side	All-PTSD to HC comparison			Sub-group comparisons				
		Mean (SD)		t-test: P Value (Effect size <sup>^</sup> )	Mean (SD)		t-test: P Value (Effect size <sup>^</sup> )		
		All-PTSD (n=30)	HC (n=28)	All-PTSD vs. HC	DID-PTSD (n=14)	PTSD-only (n=16)	DID-PTSD vs. HC	DID-PTSD vs. PTSD-only	PTSD-only vs. HC
Whole-brain	total	161460 (11156)	166157 (11612)	<b>0.027*</b> (-0.41)	160479 (10637)	162318 (11870)	0.071 (-0.51)	0.77 (-0.16)	<b>0.040*</b> (-0.33)
	left	80636 (5608)	82813 (5722)	<b>0.035*</b> (-0.38)	80062 (5388)	81138 (5922)	0.075 (-0.50)	0.82 (-0.19)	<b>0.050*</b> (-0.29)
	right	80824 (5575)	83344 (5917)	<b>0.022*</b> (-0.44)	80417 (5287)	81180 (5965)	0.069 (-0.52)	0.73 (-0.14)	<b>0.033*</b> (-0.36)
Frontal	total	59082 (4851)	61592 (4019)	<b>0.004*</b> (-0.57)	58619 (4691)	59487(5105)	<b>0.018**</b> (-0.68)	0.77 (-0.18)	<b>0.009**</b> (-0.46)
	left	29575 (2386)	30652 (2013)	<b>0.010*</b> (-0.49)	29294 (2378)	29820 (2443)	<b>0.029*</b> (-0.62)	0.90 (-0.22)	<b>0.024*</b> (-0.37)
	right	29506 (2488)	30939 (2039)	<b>0.002**</b> (-0.63)	29324 (2338)	29666 (2678)	<b>0.013**</b> (-0.74)	0.65 (-0.14)	<b>0.004**</b> (-0.54)
Parietal	total	46326 (2938)	46828 (3688)	0.33 (-0.15)	46018 (2826)	46595 (3098)	0.32 (-0.25)	0.85 (-0.19)	0.45 (-0.07)
	left	22880 (1495)	23132 (1855)	0.27 (-0.15)	22645 (1356)	23085 (1622)	0.22 (-0.30)	0.74 (-0.30)	0.41 (-0.03)
	right	23445 (1503)	23695 (1893)	0.42 (-0.15)	23372 (1511)	23509 (1542)	0.46 (-0.19)	0.97 (-0.09)	0.50 (-0.11)
Temporal	total	31428 (2451)	32474 (2418)	<b>0.029*</b> (-0.43)	31266 (2345)	31570 (2608)	0.13 (-0.51)	0.44 (-0.12)	<b>0.022*</b> (-0.36)
	left	15937 (1282)	16409 (1268)	0.071 (-0.37)	15867 (1168)	15999 (1409)	0.24 (-0.44)	0.43 (-0.10)	<b>0.044*</b> (-0.31)
	right	15490 (1209)	16065 (1199)	<b>0.014*</b> (-0.48)	15399 (1216)	15570 (1237)	0.079 (-0.55)	0.49 (-0.14)	<b>0.014**</b> (-0.41)
Occipital	total	20225 (1715)	20669 (2489)	0.32 (-0.21)	20188 (1527)	20258 (1914)	0.39 (-0.24)	0.84 (-0.04)	0.29 (-0.19)
	left	10116 (916)	10314 (1270)	0.41 (-0.18)	10121 (913)	10111 (948)	0.53 (-0.18)	0.75 (0.01)	0.33 (-0.18)
	right	10109 (854)	10354 (1278)	0.26 (-0.23)	10066 (686)	10147 (999)	0.31 (-0.29)	0.93 (-0.10)	0.28 (-0.18)

Insula	total	4397 (239)	4593 (366)	<b>0.012*</b> (-0.65)	4386 (226)	4406 (257)	0.051 (-0.70)	0.57 (-0.08)	<b>0.013**</b> (-0.60)
	left	2126 (111)	2304 (185)	<b>&lt;0.001**</b> (-1.20)	2133 (123)	2120 (104)	<b>0.001**</b> (-1.11)	0.63 (0.11)	<b>&lt;0.001**</b> (-1.27)
	right	2271 (177)	2288 (230)	0.64 (-0.09)	2253 (129)	2286 (214)	0.70 (-0.19)	0.61 (-0.19)	0.34 (-0.01)

\*\* Corrected for multiple comparison

\* Uncorrected for multiple comparisons (p-value<=0.05)

^ Cohen's d effect size

**eTable 10. Statistical results for cortical thickness (mm) after excluding DID patients with a history of using typical antipsychotics.**

Superparcel	side	All-PTSD to HC comparison			Sub-group comparisons				
		Mean (SD)		t-test: P Value (Effect size ^)	Mean (SD)		t-test: P Value (Effect size ^)		
		All-PTSD (n=30)	HC (n=28)		All-PTSD vs. HC	DID-PTSD (n=14)	PTSD-only (n=16)	DID-PTSD vs. HC	DID-PTSD vs. PTSD-only
Whole-brain	total	168.71 (7.21)	171.38 (6.55)	0.13 (-0.39)	167.48 (6.48)	170.23 (7.74)	0.10 (-0.60)	0.45 (-0.39)	0.41 (-0.16)
	left	82.92 (3.40)	84.62 (3.33)	<b>0.036*</b> (-0.50)	82.53 (3.25)	83.57 (3.65)	0.057 (-0.64)	0.68 (-0.30)	0.14 (-0.30)
	right	85.78 (3.93)	86.75 (3.40)	0.36 (-0.26)	84.95 (3.43)	86.66 (4.19)	0.18 (-0.53)	0.31 (-0.45)	0.86 (-0.02)
Frontal	total	65.55 (3.16)	66.24 (2.72)	0.33 (-0.23)	64.83 (2.18)	66.40 (3.75)	0.15 (-0.58)	0.27 (-0.53)	0.87 (0.05)
	left	32.99 (1.55)	32.76 (1.37)	0.12 (0.16)	32.61 (1.19)	33.46 (1.81)	0.055 (-0.11)	0.24 (-0.57)	0.54 (0.44)
	right	32.57 (1.68)	33.48 (1.46)	0.74 (-0.58)	32.22 (1.16)	32.94 (1.99)	0.40 (-0.96)	0.33 (-0.46)	0.78 (-0.31)
Parietal	total	33.48 (1.54)	34.09 (1.56)	0.13 (-0.40)	33.20 (1.32)	33.83 (1.71)	0.11 (-0.62)	0.51 (-0.42)	0.38 (-0.16)
	left	16.84 (0.70)	17.21 (0.82)	0.060 (-0.48)	16.73 (0.61)	17.02 (0.81)	0.078 (-0.68)	0.64 (-0.42)	0.20 (-0.23)
	right	16.63 (0.87)	16.88 (0.80)	0.26 (-0.29)	16.47 (0.76)	16.81 (0.94)	0.18 (-0.53)	0.43 (-0.40)	0.64 (-0.08)
Temporal	total	51.20 (2.15)	52.06 (2.31)	0.13 (-0.38)	51.02 (2.34)	51.44 (1.96)	0.16 (-0.45)	0.73 (-0.20)	0.30 (-0.29)
	left	25.21 (1.09)	25.79 (1.18)	<b>0.041*</b> (-0.51)	25.30 (1.16)	25.17 (1.04)	0.20 (-0.41)	0.53 (0.12)	<b>0.044*</b> (-0.56)
	right	25.99 (1.22)	26.28 (1.31)	0.43 (-0.22)	25.71 (1.38)	26.28 (1.00)	0.19 (-0.42)	0.25 (-0.47)	0.99 (0.00)
Occipital	total	15.15 (0.78)	15.55 (0.72)	0.084 (-0.53)	15.14 (0.88)	15.18 (0.68)	0.16 (-0.52)	0.93 (-0.06)	0.18 (-0.53)
	left	7.51 (0.38)	7.74 (0.37)	0.052 (-0.60)	7.51 (0.48)	7.52 (0.28)	0.11 (-0.54)	0.95 (-0.03)	0.12 (-0.67)

	right	7.64 (0.42)	7.81 (0.38)	0.17 (-0.43)	7.63 (0.42)	7.66 (0.43)	0.25 (-0.46)	0.93 (-0.08)	0.29 (-0.37)
Insula	total	5.90 (0.29)	6.03 (0.34)	0.28 (-0.40)	5.84 (0.29)	5.96 (0.28)	0.26 (-0.59)	0.66 (-0.42)	0.53 (-0.21)
	left	2.95 (0.15)	3.00 (0.19)	0.64 (-0.28)	2.92 (0.14)	2.99 (0.15)	0.51 (-0.46)	0.63 (-0.44)	0.92 (-0.08)
	right	2.95 (0.17)	3.02 (0.17)	0.14 (-0.45)	2.92 (0.18)	2.97 (0.15)	0.18 (-0.60)	0.78 (-0.32)	0.29 (-0.32)

\*\* Corrected for multiple comparison

\* Uncorrected for multiple comparisons (p-value<=0.05)

^ Cohen's d effect size

**eTable 11. Statistical results for subcortical volume (mm<sup>3</sup>) after excluding DID patients with a history of using typical antipsychotics.**

Superparcel	side	All-PTSD to HC comparison			Sub-group comparisons				
		Mean (SD)		t-test: P Value (Effect size <sup>^</sup> )	Mean (SD)		t-test: P Value (Effect size <sup>^</sup> )		
		All-PTSD (n=30)	HC (n=28)	All-PTSD vs. HC	DID-PTSD (n=14)	PTSD-only (n=16)	DID-PTSD vs. HC	DID-PTSD vs. PTSD-only	PTSD-only vs. HC
Whole-brain	total	53560 (4117)	54373 (2956)	0.88 (-0.23)	53518 (3524)	53597 (4691)	0.51 (-0.26)	0.21 (-0.02)	0.42 (-0.20)
	left	26796 (2145)	27207 (1571)	0.88 (-0.22)	26760 (1908)	26827 (2396)	0.51 (-0.26)	0.21 (-0.03)	0.42 (-0.19)
	right	26763 (2008)	27165 (1448)	0.88 (-0.23)	26757 (1665)	26769 (2322)	0.55 (-0.26)	0.24 (-0.01)	0.44 (-0.21)
Hippocampus	total	7557 (790)	8016 (709)	<b>0.030*</b> (-0.61)	7274 (793)	7804 (723)	<b>0.004**</b> (-0.99)	0.055 (-0.70)	0.387 (-0.30)
	left	3757 (405)	3951 (387)	0.075 (-0.49)	3633 (435)	3866 (355)	<b>0.020*</b> (-0.77)	0.13 (-0.59)	0.48 (-0.23)
	right	3799 (418)	4065 (353)	<b>0.019*</b> (-0.69)	3641 (405)	3938 (391)	<b>0.002**</b> (-1.12)	<b>0.034*</b> (-0.75)	0.35 (-0.34)
Amygdala	total	3076 (289)	3150 (371)	0.63 (-0.22)	3009 (230)	3134 (328)	0.45 (-0.47)	0.53 (-0.45)	0.95 (-0.05)
	left	1533 (163)	1584 (198)	0.35 (-0.28)	1501 (142)	1561 (180)	0.34 (-0.49)	0.71 (-0.37)	0.56 (-0.12)
	right	1542 (158)	1565 (184)	0.98 (-0.13)	1507 (140)	1573 (170)	0.63 (-0.35)	0.42 (-0.42)	0.65 (0.04)
Caudate	total	7222 (934)	7071 (632)	0.092 (0.19)	7433 (830)	7037 (1005)	<b>0.006**</b> (0.50)	<b>0.024**</b> (0.43)	0.81 (-0.04)
	left	3523 (461)	3439 (323)	0.086 (0.21)	3617 (409)	3441 (500)	<b>0.007**</b> (0.49)	<b>0.031*</b> (0.39)	0.74 (0.00)
	right	3698 (488)	3631 (328)	0.12 (0.16)	3815 (440)	3596 (518)	<b>0.009**</b> (0.48)	<b>0.026*</b> (0.46)	0.88 (-0.08)
Putamen	total	10558 (1264)	10764 (933)	0.76 (-0.19)	10729 (1144)	10408 (1379)	0.25 (-0.03)	<b>0.025*</b> (0.25)	0.14 (-0.31)
	left	5369 (659)	5513 (469)	0.56 (-0.25)	5434 (624)	5313 (702)	0.41 (-0.14)	<b>0.039*</b> (0.18)	0.11 (-0.34)

	right	5188 (634)	5251 (504)	0.99 (-0.11)	5295 (563)	5095 (694)	0.17 (0.08)	<b>0.029*</b> (0.32)	0.068 (-0.26)
Pallidum	total	3132 (365)	3128 (301)	0.54 (0.01)	3200 (309)	3072 (408)	0.068 (0.24)	<b>0.032*</b> (0.36)	0.52 (-0.16)
	left	1727 (223)	1740 (181)	0.84 (-0.07)	1753 (190)	1704 (253)	0.23 (0.07)	0.099 (0.22)	0.47 (-0.17)
	right	1405 (158)	1387 (146)	0.29 (0.12)	1446 (148)	1368 (161)	<b>0.019**</b> (0.40)	<b>0.016**</b> (0.56)	0.69 (-0.18)

**eTable 11 (cont.). Statistical results for subcortical volume (mm<sup>3</sup>) after excluding DID patients with a history of using typical antipsychotics.**

Superparcel	side	All-PTSD to HC comparison			Sub-group comparisons				
		Mean (SD)		t-test: <i>P</i> Value (Effect size <sup>^</sup> )	Mean (SD)		t-test: <i>P</i> Value (Effect size <sup>^</sup> )		
		All-PTSD (n=30)	HC (n=28)	All-PTSD vs. HC	DID-PTSD (n=14)	PTSD-only (n=16)	DID-PTSD vs. HC	DID-PTSD vs. PTSD-only	PTSD-only vs. HC
Nucleus Accumbens	total	1230 (193)	1323 (159)	0.10 (-0.53)	1229 (191)	1230 (202)	0.13 (-0.54)	0.86 (-0.01)	0.16 (-0.51)
	left	582 (97)	647 (101)	<b>0.035*</b> (-0.65)	580 (112)	584 (86)	<b>0.041*</b> (-0.62)	0.66 (-0.03)	0.094 (-0.67)
	right	647 (111)	676 (86)	0.47 (-0.29)	648 (88)	646 (131)	0.61 (-0.32)	0.87 (0.01)	0.46 (-0.27)
Thalamus	total	12732 (1073)	12791 (1047)	0.47 (-0.06)	12730 (909)	12735 (1229)	0.26 (-0.06)	0.36 (0.00)	0.91 (-0.05)
	left	6289 (585)	6318 (556)	0.38 (-0.05)	6272 (469)	6303 (686)	0.24 (-0.09)	0.44 (-0.05)	0.74 (-0.02)
	right	6443 (506)	6473 (540)	0.62 (-0.06)	6457 (448)	6431 (567)	0.32 (-0.03)	0.32 (0.05)	0.91 (-0.08)
Ventral diencephalon	total	8050 (746)	8127 (520)	0.98 (-0.12)	7910 (841)	8172 (656)	0.72 (-0.32)	0.58 (-0.35)	0.78 (0.08)
	left	4012 (367)	4012 (241)	0.68 (0.00)	3965 (414)	4054 (327)	0.74 (-0.14)	0.99 (-0.24)	0.71 (0.15)
	right	4037 (406)	4115 (312)	0.66 (-0.22)	3945 (449)	4118 (360)	0.35 (-0.45)	0.33 (-0.43)	0.87 (0.01)

\*\* Corrected for multiple comparison

\* Uncorrected for multiple comparisons (p-value<=0.05)

<sup>^</sup> Cohen's d effect size

eTable 12. Statistical results for cortical volume (mm<sup>3</sup>) after excluding DID patients with a history of using anti-epileptics.

Superparcel	side	All-PTSD to HC comparison			Sub-group comparisons				
		Mean (SD)		t-test: <i>P</i> Value (Effect size <sup>^</sup> )	Mean (SD)		t-test: <i>P</i> Value (Effect size <sup>^</sup> )		
		All-PTSD (n=29)	HC (n=28)	All-PTSD vs. HC	DID-PTSD (n=13)	PTSD-only (n=16)	DID-PTSD vs. HC	DID-PTSD vs. PTSD-only	PTSD-only vs. HC
Whole-brain	total	448214 (38668)	468430 (28543)	<b>&lt;0.001**</b> (-0.60)	443146 (41369)	452332 (37169)	<b>0.003**</b> (-0.72)	0.82 (-0.23)	<b>0.004**</b> (-0.49)
	left	223586 (19027)	234336 (14676)	<b>&lt;0.001**</b> (-0.64)	220934 (20082)	225741 (18497)	<b>0.001**</b> (-0.77)	0.83 (-0.25)	<b>0.001**</b> (-0.52)
	right	224627 (19754)	234094 (14003)	<b>0.002**</b> (-0.56)	222211 (21361)	226591 (18820)	<b>0.011**</b> (-0.67)	0.82 (-0.22)	<b>0.013**</b> (-0.46)
Frontal	total	168437 (17765)	176665 (10572)	<b>0.001**</b> (-0.58)	166590 (18379)	169937 (17707)	<b>0.007**</b> (-0.70)	0.85 (-0.19)	<b>0.007**</b> (-0.48)
	left	84508 (8414)	88555 (5548)	<b>0.001**</b> (-0.58)	83465 (8493)	85356 (8528)	<b>0.006**</b> (-0.72)	0.84 (-0.22)	<b>0.006**</b> (-0.45)
	right	83928 (9411)	88110 (5173)	<b>0.002**</b> (-0.57)	83124 (9918)	84581 (9253)	<b>0.013**</b> (-0.66)	0.88 (-0.15)	<b>0.012**</b> (-0.49)
Parietal	total	122661 (8659)	126517 (9795)	0.10 (-0.42)	120941 (8890)	124058 (8490)	0.11 (-0.60)	0.64 (-0.36)	0.26 (-0.27)
	left	60846 (4519)	63019 (5287)	0.069 (-0.44)	59702 (4136)	61775 (4731)	0.053 (-0.70)	0.43 (-0.47)	0.26 (-0.25)
	right	61815 (4342)	63497 (4702)	0.20 (-0.37)	61238 (4906)	62283 (3926)	0.28 (-0.47)	0.94 (-0.24)	0.29 (-0.28)
Temporal	total	100644 (9407)	105858 (7498)	<b>0.003**</b> (-0.62)	99444 (10912)	101619 (8226)	<b>0.017**</b> (-0.70)	0.98 (-0.23)	<b>0.010**</b> (-0.54)
	left	50355 (4683)	53209 (3967)	<b>0.002**</b> (-0.66)	49976 (5538)	50664 (4021)	<b>0.022**</b> (-0.68)	0.67 (-0.14)	<b>0.003**</b> (-0.64)
	right	50288 (4800)	52648 (3719)	<b>0.011*</b> (-0.55)	49468 (5400)	50955 (4315)	<b>0.022**</b> (-0.70)	0.63 (-0.31)	0.051 (-0.42)
Occipital	total	43353 (4474)	45340 (4850)	0.13 (-0.43)	43143 (4735)	43524 (4401)	0.25 (-0.46)	0.89 (-0.08)	0.18 (-0.39)

	left	21513 (2340)	22552 (2541)	0.14 (-0.43)	21444 (2724)	21569 (2068)	0.32 (-0.42)	0.89 (-0.05)	0.52 (-0.43)
	right	21840 (2263)	22788 (2513)	0.16 (-0.40)	21699 (2101)	21955 (2449)	0.26 (-0.47)	0.99 (-0.11)	0.24 (-0.34)
Insula	total	13117 (1035)	14047 (1042)	<b>0.001**</b> (-0.90)	13026 (1029)	13192 (1068)	<b>0.010**</b> (-0.99)	0.62 (-0.16)	<b>0.001**</b> (-0.81)
	left	6362 (516)	6999 (446)	<b>&lt;0.001**</b> (-1.32)	6346 (529)	6376 (523)	<b>&lt;0.001**</b> (-1.34)	0.56 (-0.06)	<b>&lt;0.001**</b> (-1.29)
	right	6755 (606)	7048 (704)	0.17 (-0.45)	6680 (548)	6816 (661)	0.30 (-0.59)	0.74 (-0.22)	0.14 (-0.34)

\*\* Corrected for multiple comparison

\* Uncorrected for multiple comparisons (p-value<=0.05)

^ Cohen's d effect size

**eTable 13. Statistical results for cortical surface-area (mm<sup>2</sup>) after excluding DID patients with a history of using anti-epileptics.**

Superparcel	side	All-PTSD to HC comparison			Sub-group comparisons				
		Mean (SD)		t-test: P Value (Effect size ^)	Mean (SD)		t-test: P Value (Effect size ^)		
		All-PTSD (n=29)	HC (n=28)	All-PTSD vs. HC	DID-PTSD (n=13)	PTSD-only (n=16)	DID-PTSD vs. HC	DID-PTSD vs. PTSD-only	PTSD-only vs. HC
Whole-brain	total	16203 (12616)	166157 (11612)	<b>0.046*</b> (-0.34)	161659 (13965)	162318 (11870)	0.16 (-0.35)	0.60 (-0.05)	<b>0.040*</b> (-0.33)
	left	80879 (6267)	82813 (5722)	0.053 (-0.32)	80561 (6899)	81138 (5922)	0.15 (-0.36)	0.67 (-0.09)	<b>0.050*</b> (-0.29)
	right	81143 (6376)	83344 (5917)	<b>0.042*</b> (-0.36)	81097 (7097)	81180 (5965)	0.17 (-0.35)	0.54 (-0.01)	<b>0.033*</b> (-0.36)
Frontal	total	59459 (5500)	61592 (4019)	<b>0.012*</b> (-0.45)	59424 (6164)	59487(5105)	0.095 (-0.43)	0.46 (-0.01)	<b>0.009**</b> (-0.46)
	left	29755 (2683)	30652 (2013)	<b>0.028*</b> (-0.38)	29675 (3053)	29820 (2443)	0.13 (-0.39)	0.57 (-0.05)	<b>0.024*</b> (-0.37)
	right	29703 (2838)	30939 (2039)	<b>0.006*</b> (-0.51)	29749 (3134)	29666 (2678)	0.075 (-0.46)	0.38 (0.03)	<b>0.004**</b> (-0.54)
Parietal	total	46356 (3111)	46828 (3688)	0.34 (-0.14)	46061 (3227)	46595 (3098)	0.33 (-0.22)	0.86 (-0.17)	0.45 (-0.07)
	left	22888 (1562)	23132 (1855)	0.27 (-0.14)	22645 (1512)	23085 (1622)	0.21 (-0.29)	0.71 (-0.28)	0.41 (-0.03)
	right	23467 (1610)	23695 (1893)	0.44 (-0.13)	23415 (1751)	23509 (1542)	0.51 (-0.15)	1.00 (-0.06)	0.50 (-0.11)
Temporal	total	31527 (2785)	32474 (2418)	<b>0.039*</b> (-0.36)	31473 (3097)	31570 (2608)	0.23 (-0.36)	0.39 (-0.03)	<b>0.022*</b> (-0.36)
	left	15987 (1443)	16409 (1268)	0.084 (-0.31)	15971 (1541)	15999 (1409)	0.36 (-0.31)	0.37 (-0.02)	<b>0.044*</b> (-0.31)
	right	15539 (1377)	16065 (1199)	<b>0.020*</b> (-0.41)	15501 (1583)	15570 (1237)	0.14 (-0.41)	0.43 (-0.05)	<b>0.014**</b> (-0.41)

Occipital	total	20285 (1910)	20669 (2489)	0.38 (-0.17)	20318 (1983)	20258 (1914)	0.54 (-0.16)	0.71 (0.03)	0.29 (-0.19)
	left	10122 (988)	10314 (1270)	0.41 (-0.17)	10137 (1075)	10111 (948)	0.58 (-0.15)	0.73 (0.03)	0.33 (-0.18)
	right	10162 (958)	10354 (1278)	0.37 (-0.17)	10181 (944)	10147 (999)	0.53 (-0.16)	0.70 (0.04)	0.28 (-0.18)
Insula	total	4395 (244)	4593 (366)	<b>0.009*</b> (-0.65)	4380 (236)	4406 (257)	0.051 (-0.70)	0.63 (-0.10)	<b>0.013**</b> (-0.60)
	left	2125 (110)	2304 (185)	<b>&lt;0.001**</b> (-1.21)	2131 (121)	2120 (104)	<b>0.001**</b> (-1.13)	0.68 (0.10)	<b>&lt;0.001**</b> (-1.27)
	right	2269 (181)	2288 (230)	0.57 (-0.09)	2249 (135)	2286 (214)	0.66 (-0.21)	0.66 (-0.21)	0.34 (-0.01)

\*\* Corrected for multiple comparison

\* Uncorrected for multiple comparisons (p-value<=0.05)

^ Cohen's d effect size

**eTable 14. Statistical results for cortical thickness (mm) after excluding DID patients with a history of using anti-epileptics.**

Superparcel	side	All-PTSD to HC comparison			Sub-group comparisons				
		Mean (SD)		t-test: P Value (Effect size)	Mean (SD)		t-test: P Value (Effect size ^)		
		All-PTSD (n=29)	HC (n=28)		All-PTSD vs. HC	DID-PTSD (n=13)	PTSD-only (n=16)	DID-PTSD vs. HC	DID-PTSD vs. PTSD-only
Whole-brain	total	168.74 (7.23)	171.38	0.11 (-0.38)	166.92 (6.37)	170.23 (7.74)	0.078 (-0.69)	0.38 (-0.47)	0.43 (-0.16)
	left	82.96 (3.48)	84.62 (3.33)	<b>0.034*</b> (-0.49)	82.20 (3.25)	83.57 (3.65)	<b>0.049*</b> (-0.74)	0.59 (-0.40)	0.16 (-0.30)
	right	85.79 (3.85)	86.75 (3.40)	0.29 (-0.27)	84.72 (3.23)	86.66 (4.19)	0.14 (-0.61)	0.26 (-0.52)	0.85 (-0.02)
Frontal	total	65.61 (3.18)	66.24 (2.72)	0.33 (-0.21)	64.64 (2.06)	66.40 (3.75)	0.14 (-0.67)	0.24 (-0.60)	0.91 (0.05)
	left	33.03 (1.60)	32.76 (1.37)	0.15 (0.18)	32.51 (1.18)	33.46 (1.81)	0.067 (-0.20)	0.24 (-0.64)	0.60 (0.44)
	right	32.58 (1.65)	33.48 (1.46)	0.64 (-0.58)	32.14 (1.00)	32.94 (1.99)	0.30 (-0.53)	0.26 (-0.54)	0.78 (0.11)
Parietal	total	33.49 (1.58)	34.09 (1.56)	0.11 (-0.38)	33.07 (1.34)	33.83 (1.71)	0.089 (-0.70)	0.43 (-0.50)	0.40 (-0.16)
	left	16.86 (0.74)	17.21 (0.82)	0.054 (-0.45)	16.65 (0.61)	17.02 (0.81)	0.053 (-0.78)	0.48 (-0.52)	0.24 (-0.23)
	right	16.63 (0.88)	16.88 (0.80)	0.25 (-0.29)	16.42 (0.78)	16.81 (0.94)	0.17 (-0.59)	0.42 (-0.46)	0.63 (-0.08)
Temporal	total	51.14 (2.10)	52.06 (2.31)	0.086 (-0.42)	50.77 (2.29)	51.44 (1.96)	0.098 (-0.56)	0.57 (-0.32)	0.30 (-0.29)
	left	25.16 (1.08)	25.79 (1.18)	<b>0.025*</b> (-0.56)	25.14 (1.16)	25.17 (1.04)	0.13 (-0.55)	0.71 (-0.02)	<b>0.046*</b> (-0.56)
	right	25.98 (1.17)	26.28 (1.31)	0.32 (-0.24)	25.62 (1.30)	26.28 (1.00)	0.12 (-0.50)	0.18 (-0.57)	0.99 (0.00)

Occipital	total	15.14 (0.77)	15.55 (0.72)	0.081 (-0.55)	15.09 (0.90)	15.18 (0.68)	0.15 (-0.56)	0.89 (-0.11)	0.18 (-0.53)
	left	7.50 (0.38)	7.74 (0.37)	<b>0.039*</b> (-0.63)	7.48 (0.48)	7.52 (0.28)	0.087 (-0.61)	0.85 (-0.12)	0.12 (-0.67)
	right	7.64 (0.42)	7.81 (0.38)	0.19 (-0.42)	7.62 (0.43)	7.66 (0.43)	0.28 (-0.48)	0.93 (-0.10)	0.31 (-0.37)
Insula	total	5.92 (0.29)	6.03 (0.34)	0.30 (-0.32)	5.88 (0.30)	5.96 (0.28)	0.44 (-0.45)	0.95 (-0.27)	0.38 (-0.21)
	left	2.97 (0.14)	3.00 (0.19)	0.80 (-0.17)	2.95 (0.13)	2.99 (0.15)	0.89 (-0.29)	0.90 (-0.24)	0.77 (-0.08)
	right	2.95 (0.17)	3.02 (0.17)	0.11 (-0.42)	2.93 (0.18)	2.97 (0.15)	0.21 (-0.54)	0.99 (-0.26)	0.20 (-0.32)

\*\* Corrected for multiple comparison

\* Uncorrected for multiple comparisons (p-value<=0.05)

^ Cohen's d effect size

**eTable 15. Statistical results for subcortical volume (mm<sup>3</sup>) after excluding DID patients with a history of using anti-epileptics.**

Superparcel	side	All-PTSD to HC comparison			Sub-group comparisons				
		Mean (SD)		t-test: P Value (Effect size <sup>^</sup> )	Mean (SD)		t-test: P Value (Effect size <sup>^</sup> )		
		All-PTSD (n=29)	HC (n=28)		All-PTSD vs. HC	DID-PTSD (n=13)	PTSD-only (n=16)	DID-PTSD vs. HC	DID-PTSD vs. PTSD-only
Whole-brain	total	53535 (4329)	54373 (2956)	0.68 (-0.23)	53458 (4025)	53597 (4691)	0.85 (-0.26)	0.39 (-0.03)	0.41 (-0.20)
	left	26761 (2222)	27207 (1571)	0.65 (-0.24)	26679 (2080)	26827 (2396)	0.94 (-0.29)	0.45 (-0.07)	0.41 (-0.19)
	right	26773 (2139)	27165 (1448)	0.73 (-0.22)	26779 (1984)	26769 (2322)	0.76 (-0.22)	0.36 (0.00)	0.44 (-0.21)
Hippocampus	total	7542 (749)	8016 (709)	<b>0.016*</b> (-0.65)	7220 (672)	7804 (723)	<b>0.001**</b> (-1.15)	<b>0.026*</b> (-0.84)	0.37 (-0.30)
	left	3734 (378)	3951 (387)	<b>0.034*</b> (-0.57)	3573 (353)	3866 (355)	<b>0.004**</b> (-1.02)	<b>0.042*</b> (-0.83)	0.47 (-0.23)
	right	3808 (391)	4065 (353)	<b>0.012*</b> (-0.69)	3647 (341)	3938 (391)	<b>0.001**</b> (-1.20)	<b>0.027*</b> (-0.80)	0.33 (-0.34)
Amygdala	total	3108 (352)	3150 (371)	0.96 (-0.11)	3077 (390)	3134 (328)	0.97 (-0.19)	0.99 (-0.16)	0.97 (-0.05)
	left	1544 (184)	1584 (198)	0.51 (-0.21)	1523 (195)	1561 (180)	0.62 (-0.31)	0.98 (-0.20)	0.58 (-0.12)
	right	1564 (190)	1565 (184)	0.60 (0.00)	1554 (219)	1573 (170)	0.68 (-0.06)	0.98 (-0.10)	0.65 (0.04)
Caudate	total	7240 (970)	7071 (632)	0.11 (0.21)	7489 (899)	7037 (1005)	<b>0.007**</b> (0.55)	<b>0.024**</b> (0.47)	0.82 (-0.04)
	left	3525 (476)	3439 (323)	0.11 (0.22)	3630 (440)	3441 (500)	<b>0.009**</b> (0.50)	<b>0.037*</b> (0.40)	0.75 (0.00)

	right	3714 (507)	3631 (328)	0.14 (0.20)	3859 (472)	3596 (518)	<b>0.008**</b> (0.57)	<b>0.022**</b> (0.53)	0.89 (-0.08)
Putamen	total	10492 (1232)	10764 (933)	0.54 (-0.25)	10594 (1068)	10408 (1379)	0.54 (-0.17)	0.068 (0.15)	0.13 (-0.31)
	left	5345 (657)	5513 (469)	0.42 (-0.30)	5385 (623)	5313 (702)	0.75 (-0.23)	0.094 (0.11)	0.098 (-0.34)
	right	5146 (604)	5251 (504)	0.74 (-0.19)	5209 (491)	5095 (694)	0.39 (-0.08)	0.076 (0.19)	0.22 (-0.26)
Pallidum	total	3113 (356)	3128 (301)	0.73 (-0.04)	3163 (288)	3072 (408)	0.22 (0.12)	0.11 (0.26)	0.52 (-0.16)
	left	1717 (219)	1740 (181)	0.96 (-0.12)	1734 (176)	1704 (253)	0.54 (-0.04)	0.25 (0.14)	0.47 (-0.17)
	right	1396 (151)	1387 (146)	0.39 (0.06)	1429 (137)	1368 (161)	0.062 (0.30)	<b>0.046*</b> (0.47)	0.68 (-0.18)

eTable 15 (cont.). Statistical results for subcortical volume (mm<sup>3</sup>) after excluding DID patients with a history of using anti-epileptics.

Superparcel	side	All-PTSD to HC comparison			Sub-group comparisons				
		Mean (SD)		t-test: P Value (Effect size <sup>^</sup> )	Mean (SD)		t-test: P Value (Effect size <sup>^</sup> )		
		All-PTSD (n=29)	HC (n=28)	All-PTSD vs. HC	DID-PTSD (n=13)	PTSD-only (n=16)	DID-PTSD vs. HC	DID-PTSD vs. PTSD-only	PTSD-only vs. HC
Nucleus Accumbens	total	1226 (195)	1323 (159)	0.071 (-0.54)	1221 (194)	1230 (202)	0.16 (-0.57)	0.95 (-0.05)	0.16 (-0.51)
	left	575 (88)	647 (101)	<b>0.015*</b> (-0.75)	565 (93)	584 (86)	<b>0.028*</b> (-0.84)	0.59 (-0.21)	0.084 (-0.67)
	right	651 (120)	676 (86)	0.50 (-0.24)	656 (110)	646 (131)	0.86 (-0.20)	0.65 (0.08)	0.47 (-0.27)
Thalamus	total	12749 (1139)	12791 (1047)	0.58 (-0.04)	12767 (1066)	12735 (1229)	0.49 (-0.02)	0.60 (0.03)	0.91 (-0.05)
	left	6301 (620)	6318 (556)	0.46 (-0.03)	6299 (555)	6303 (686)	0.47 (-0.03)	0.72 (-0.01)	0.74 (-0.02)
	right	6447 (535)	6473 (540)	0.72 (-0.05)	6467 (515)	6431 (567)	0.54 (-0.01)	0.53 (0.07)	0.92 (-0.08)
Ventral diencephalon	total	8060 (784)	8127 (520)	0.92 (-0.10)	7922 (926)	8172 (656)	0.53 (-0.28)	0.43 (-0.32)	0.78 (0.08)
	left	4015 (378)	4012 (241)	0.70 (0.01)	3968 (442)	4054 (327)	0.94 (-0.13)	0.80 (-0.22)	0.71 (0.15)
	right	4045 (431)	4115 (312)	0.60 (-0.19)	3954 (506)	4118 (360)	0.24 (-0.39)	0.24 (-0.38)	0.87 (0.01)

\*\* Corrected for multiple comparison

\* Uncorrected for multiple comparisons (p-value<=0.05)

<sup>^</sup> Cohen's d effect size

eTable 16. Statistical results for cortical volume (mm<sup>3</sup>) after excluding DID and PTSD patients with a history of using antidepressants.

Superparcel	side	All-PTSD to HC comparison			Sub-group comparisons				
		Mean (SD)		t-test: <i>P</i> Value (Effect size <sup>^</sup> )	Mean (SD)		t-test: <i>P</i> Value (Effect size <sup>^</sup> )		
		All-PTSD (n=21)	HC (n=28)	All-PTSD vs. HC	DID-PTSD (n=7)	PTSD-only (n=14)	DID-PTSD vs. HC	DID-PTSD vs. PTSD-only	PTSD-only vs. HC
Whole-brain	total	451893 (40142)	468430 (28543)	<b>0.002**</b> (-0.48)	452207 (46315)	451736 (38587)	<b>0.008**</b> (-0.43)	0.43 (0.01)	<b>0.019**</b> (-0.50)
	left	225488 (19519)	234336 (14676)	<b>&lt;0.001**</b> (-0.52)	255681 (22078)	225392 (19003)	<b>0.004**</b> (-0.47)	0.45 (0.01)	<b>0.007**</b> (-0.53)
	right	226405 (20739)	234094 (14003)	<b>0.007*</b> (-0.44)	226526 (24311)	226344 (19720)	<b>0.019*</b> (-0.40)	0.44 (0.01)	<b>0.050*</b> (-0.46)
Frontal	total	170692 (17766)	176665 (10572)	<b>0.006*</b> (-0.42)	172147 (19594)	169965 (17512)	<b>0.043*</b> (-0.30)	0.78 (0.12)	<b>0.027*</b> (-0.48)
	left	85525 (8378)	88555 (5548)	<b>0.004*</b> (-0.44)	86019 (9033)	85278 (8374)	<b>0.026*</b> (-0.35)	0.69 (0.09)	<b>0.022*</b> (-0.47)
	right	85167 (9459)	88110 (5173)	<b>0.014*</b> (-0.40)	86127 (10614)	84687 (9215)	0.084 (-0.25)	0.88 (0.15)	<b>0.045*</b> (-0.48)
Parietal	total	123314 (9107)	126517 (9795)	0.13 (-0.34)	121616 (9643)	124163 (9075)	0.062 (-0.50)	0.23 (-0.27)	0.46 (-0.25)
	left	61240 (4774)	63019 (5287)	0.11 (-0.35)	60201 (4407)	61760 (5022)	<b>0.044*</b> (-0.58)	0.18 (-0.33)	0.45 (-0.24)
	right	62073 (4545)	63497 (4702)	0.19 (-0.31)	61415 (5463)	62402 (4202)	0.12 (-0.41)	0.34 (-0.20)	0.50 (-0.25)
Temporal	total	101263 (9795)	105858 (7498)	<b>0.005*</b> (-0.53)	100898 (12526)	101445 (8666)	<b>0.024*</b> (-0.50)	0.55 (-0.05)	<b>0.035*</b> (-0.55)
	left	50665 (4841)	53209 (3967)	<b>0.003**</b> (-0.58)	50767 (6234)	50614 (4256)	<b>0.034*</b> (-0.48)	0.89 (0.03)	<b>0.014**</b> (-0.63)

	right	50598 (5032)	52648 (3719)	<b>0.019*</b> (-0.47)	50131 (6297)	50831 (4525)	<b>0.027*</b> (-0.50)	0.34 (-0.13)	0.12 (-0.44)
Occipital	total	43429 (4694)	45340 (4850)	0.098 (-0.40)	44182 (5322)	43053 (4513)	0.27 (-0.23)	0.97 (0.23)	0.17 (-0.49)
	left	21657 (2396)	22552 (2541)	0.16 (-0.36)	22155 (2934)	21408 (2158)	0.44 (-0.15)	0.83 (0.29)	0.21 (-0.49)
	right	21772 (2386)	22788 (2513)	0.089 (-0.41)	22027 (2487)	21645 (2419)	0.19 (-0.30)	0.78 (0.16)	0.19 (-0.46)
Insula	total	13193 (1008)	14047 (1042)	<b>0.001**</b> (-0.83)	13362 (1004)	13109 (1036)	0.064 (-0.67)	0.56 (0.25)	<b>0.002**</b> (-0.90)
	left	6400 (495)	6999 (446)	<b>&lt;0.001**</b> (-1.27)	6538 (544)	6331 (474)	<b>0.006**</b> (-0.93)	0.34 (0.41)	<b>&lt;0.001**</b> (-1.45)
	right	6793 (611)	7048 (704)	0.19 (-0.39)	6824 (477)	6777 (684)	0.44 (-0.38)	0.83 (0.08)	0.20 (-0.39)

\*\* Corrected for multiple comparison

\* Uncorrected for multiple comparisons (p-value<=0.05)

^ Cohen's d effect size

**eTable 17. Statistical results for cortical surface area (mm<sup>2</sup>) after excluding DID and PTSD patients with a history of using antidepressants.**

Superparcel	side	All-PTSD to HC comparison			Sub-group comparisons				
		Mean (SD)		t-test: P Value (Effect size ^)	Mean (SD)		t-test: P Value (Effect size ^)		
		All-PTSD (n=21)	HC (n=28)	All-PTSD vs. HC	DID-PTSD (n=7)	PTSD-only (n=14)	DID-PTSD vs. HC	DID-PTSD vs. PTSD-only	PTSD-only vs. HC
Whole-brain	total	163338	166157 (11612)	<b>0.050*</b> (-0.23)	165122 (14225)	162446 (12707)	0.088 (-0.08)	0.66 (0.20)	0.10 (-0.31)
	left	81571 (6416)	82813 (5722)	0.060 (-0.20)	82356 (6982)	82280 (5996)	0.084 (-0.07)	0.61 (0.01)	0.12 (-0.09)
	right	81767 (6548)	83344 (5917)	<b>0.043*</b> (-0.25)	82766 (7294)	81268 (6372)	0.093 (-0.09)	0.71 (0.22)	0.089 (-0.34)
Frontal	total	60021 (5475)	61592 (4019)	<b>0.022*</b> (-0.33)	60986 (5795)	59539 (5465)	0.12 (-0.12)	0.98 (0.26)	<b>0.034*</b> (-0.43)
	left	30039 (2647)	30652 (2013)	<b>0.049*</b> (-0.26)	30467 (2877)	29826 (2610)	0.16 (-0.08)	0.97 (0.23)	0.068 (-0.36)
	right	29982 (2852)	30939 (2039)	<b>0.011*</b> (-0.39)	30519 (2962)	29713 (2870)	0.090 (-0.17)	0.94 (0.28)	<b>0.018*</b> (-0.50)
Parietal	total	46681 (3146)	46828 (3688)	0.27 (-0.04)	46563 (3236)	46740 (3221)	<b>0.049*</b> (-0.08)	0.13 (-0.05)	0.71 (-0.03)
	left	23018 (1595)	23132 (1855)	0.18 (-0.07)	22790 (1431)	23132 (1711)	<b>0.013**</b> (-0.21)	<b>0.050*</b> (-0.22)	0.67 (0.00)
	right	23663 (1627)	23695 (1893)	0.42 (-0.02)	23773 (1850)	23608 (1577)	0.17 (0.04)	0.30 (0.10)	0.76 (-0.05)
Temporal	total	31804 (2896)	32474 (2418)	0.054 (-0.25)	32174 (3294)	31618 (2789)	0.22 (-0.11)	0.88 (0.18)	0.066 (-0.33)
	left	16133 (1516)	16409 (1268)	0.10 (-0.20)	16327 (1657)	16036 (1496)	0.32 (-0.06)	0.84 (0.18)	0.11 (-0.27)

	right	15670 (1413)	16065 (1199)	<b>0.033*</b> (-0.30)	15847 (1668)	15581 (1328)	0.16 (-0.15)	0.93 (0.18)	<b>0.047*</b> (-0.38)
Occipital	total	20408 (2077)	20669 (2489)	0.26 (-0.11)	20899 (2351)	20163 (1973)	0.29 (0.09)	0.72 (0.34)	0.38 (-0.23)
	left	10232 (1100)	10314 (1270)	0.40 (-0.07)	10553 (1303)	10072 (997)	0.46 (0.19)	0.88 (0.42)	0.44 (-0.21)
	right	10175 (1020)	10354 (1278)	0.19 (-0.16)	10345 (1107)	10091 (1006)	0.19 (-0.01)	0.58 (0.24)	0.35 (-0.23)
Insula	total	4422 (264)	4593 (366)	<b>0.039*</b> (-0.54)	4498 (266)	4384 (264)	0.41 (-0.30)	0.41 (0.43)	<b>0.021*</b> (-0.66)
	left	2146 (128)	2304 (185)	<b>0.001**</b> (-1.01)	2218 (159)	2110 (98)	0.27 (-0.50)	0.15 (0.84)	<b>0.001**</b> (-1.37)
	right	2276 (194)	2288 (230)	0.50 (-0.06)	2280 (115)	2274 (227)	0.67 (-0.05)	0.86 (0.04)	0.41 (-0.06)

\*\* Corrected for multiple comparison

\* Uncorrected for multiple comparisons (p-value<=0.05)

^ Cohen's d effect size

**eTable 18. Statistical results for cortical thickness (mm) after excluding DID and PTSD patients with a history of using antidepressants.**

Superparcel	side	All-PTSD to HC comparison			Sub-group comparisons				
		Mean (SD)		t-test: P Value (Effect size)	Mean (SD)		t-test: P Value (Effect size ^)		
		All-PTSD (n=21)	HC (n=28)	All-PTSD vs. HC	DID-PTSD (n=7)	PTSD-only (n=14)	DID-PTSD vs. HC	DID-PTSD vs. PTSD-only	PTSD-only vs. HC
Whole-brain	total	168.72 (7.18)	171.38 (6.55)	0.097 (-0.39)	166.68 (7.02)	169.74 (7.30)	0.15 (-0.69)	0.55 (-0.43)	0.32 (-0.24)
	left	82.80 (3.25)	84.62 (3.33)	<b>0.016*</b> (-0.55)	81.75 (3.04)	83.32 (3.33)	<b>0.049*</b> (-0.90)	0.54 (-0.49)	0.10 (-0.39)
	right	85.92 (4.03)	86.75 (3.40)	0.36 (-0.22)	84.92 (4.08)	86.41 (4.07)	0.34 (-0.49)	0.58 (-0.37)	0.68 (-0.09)
Frontal	total	65.82 (3.19)	66.24 (2.72)	0.42 (-0.14)	64.80 (2.57)	66.33 (3.43)	0.27 (-0.54)	0.40 (-0.51)	0.83 (0.03)
	left	33.08 (1.60)	32.76 (1.37)	0.16 (0.21)	32.40 (1.28)	33.42 (1.68)	0.10 (-0.27)	0.29 (-0.69)	0.56 (0.43)
	right	32.74 (1.68)	33.48 (1.46)	0.87 (-0.01)	32.40 (1.45)	32.92 (1.81)	0.59 (-0.25)	0.55 (-0.32)	0.88 (0.10)
Parietal	total	33.44 (1.57)	34.09 (1.56)	0.090 (-0.42)	32.85 (1.13)	33.73 (1.71)	0.10 (-0.92)	0.43 (-0.62)	0.33 (-0.22)
	left	16.84 (0.74)	17.21 (0.82)	0.051 (-0.47)	16.59 (0.60)	16.96 (0.79)	0.10 (-0.87)	0.58 (-0.53)	0.20 (-0.31)
	right	16.59 (0.87)	16.88 (0.80)	0.18 (-0.34)	16.26 (0.58)	16.76 (0.96)	0.13 (-0.91)	0.36 (-0.66)	0.54 (-0.13)
Temporal	total	51.02 (2.11)	52.06 (2.31)	0.067 (-0.47)	50.63 (2.76)	51.22 (1.80)	0.22 (-0.57)	0.90 (-0.26)	0.18 (-0.41)

	left	25.01 (0.92)	25.79 (1.18)	<b>0.005*</b> (-0.74)	24.93 (1.02)	25.05 (0.90)	0.092 (-0.78)	0.84 (-0.13)	<b>0.019*</b> (-0.71)
	right	26.01 (1.28)	26.28 (1.31)	0.44 (-0.21)	25.70 (1.80)	26.16 (0.98)	0.50 (-0.37)	0.70 (-0.34)	0.76 (-0.10)
Occipital	total	15.09 (0.73)	15.55 (0.72)	<b>0.046*</b> (-0.64)	15.05 (0.85)	15.11 (0.69)	0.20 (-0.64)	0.96 (-0.08)	0.13 (-0.62)
	left	7.49 (0.31)	7.74 (0.37)	<b>0.024*</b> (-0.73)	7.45 (0.41)	7.51 (0.27)	0.11 (-0.73)	0.83 (-0.15)	0.090 (-0.72)
	right	7.60 (0.42)	7.81 (0.38)	0.11 (-0.52)	7.60 (0.44)	7.60 (0.43)	0.36 (-0.53)	0.92 (-0.03)	0.20 (-0.50)
Insula	total	5.92 (0.26)	6.03 (0.34)	0.16 (-0.34)	5.89 (0.25)	5.94 (0.27)	0.36 (-0.48)	0.85 (-0.22)	0.38 (-0.27)
	left	2.96 (0.14)	3.00 (0.19)	0.29 (-0.28)	2.91 (0.12)	2.98 (0.15)	0.24 (-0.59)	0.37 (-0.51)	0.82 (-0.14)
	right	2.97 (0.15)	3.02 (0.17)	0.16 (-0.34)	2.98 (0.17)	2.96 (0.15)	0.67 (-0.27)	0.54 (0.08)	0.18 (-0.37)

\*\* Corrected for multiple comparison

\* Uncorrected for multiple comparisons (p-value<=0.05)

^ Cohen's d effect size

**eTable 19. Statistical results for subcortical volume (mm<sup>3</sup>) after excluding DID and PTSD patients with a history of using antidepressants.**

Superparcel	side	All-PTSD to HC comparison			Sub-group comparisons				
		Mean (SD)		t-test: P Value (Effect size ^)	Mean (SD)		t-test: P Value (Effect size ^)		
		All-PTSD (n=21)	HC (n=28)	All-PTSD vs. HC	DID-PTSD (n=7)	PTSD-only (n=14)	DID-PTSD vs. HC	DID-PTSD vs. PTSD-only	PTSD-only vs. HC
Whole-brain	total	53154 (4863)	54373 (2956)	0.58 (-0.31)	54975 (4374)	53154 (4863)	0.62 (0.016)	0.25 (0.39)	0.32 (-0.31)
	left	26584 (2462)	27207 (1571)	0.55 (-0.31)	27454 (2216)	26584 (2462)	0.71 (0.13)	0.29 (0.37)	0.31 (-0.31)
	right	26569 (2424)	27165 (1448)	0.64 (-0.31)	27521 (2195)	26569 (2424)	0.54 (0.20)	0.24 (0.41)	0.37 (-0.31)
Hippocampus	total	7850 (734)	8016 (709)	0.13 (-0.23)	7497 (1071)	7850 (734)	<b>0.048*</b> (-0.58)	0.14 (-0.39)	0.63 (-0.23)
	left	3888 (361)	3951 (387)	0.20 (-0.17)	3708 (591)	3888 (361)	0.088 (-0.50)	0.18 (-0.38)	0.76 (-0.17)
	right	3962 (399)	4065 (353)	0.10 (-0.27)	3788 (489)	3962 (399)	<b>0.042*</b> (-0.66)	0.15 (-0.39)	0.55 (-0.27)
Amygdala	total	3114 (348)	3150 (371)	0.93 (-0.10)	3199 (509)	3114 (348)	0.76 (0.11)	0.77 (0.20)	0.99 (-0.10)
	left	1554 (191)	1584 (198)	0.46 (-0.15)	1527 (257)	1554 (191)	0.36 (-0.25)	0.57 (-0.12)	0.72 (-0.15)
	right	1559 (177)	1565 (184)	0.38 (-0.03)	1671 (265)	1559 (177)	0.14 (0.47)	0.27 (0.51)	0.74 (-0.03)
Caudate	total	7017 (1064)	7071 (632)	0.40 (-0.06)	7487 (687)	7017 (1064)	0.16 (0.63)	0.22 (0.54)	0.92 (-0.06)

	left	3423 (518)	3439 (323)	0.40 (-0.04)	3635 (356)	3423 (518)	0.16 (0.58)	0.23 (0.48)	0.91 (-0.04)
	right	3593 (555)	3631 (328)	0.43 (-0.09)	3852 (373)	3593 (555)	0.18 (0.63)	0.25 (0.56)	0.94 (-0.09)
Putamen	total	10352 (1436)	10764 (933)	0.54 (-0.35)	11071 (1083)	10352 (1436)	0.22 (0.30)	<b>0.030*</b> (0.57)	0.12 (-0.35)
	left	5290 (722)	5513 (469)	0.55 (-0.37)	5699 (551)	5290 (722)	0.20 (0.37)	<b>0.022*</b> (0.64)	0.097 (-0.37)
	right	5062 (730)	5251 (504)	0.57 (-0.31)	5372 (563)	5062 (730)	0.29 (0.23)	0.066 (0.48)	0.20 (-0.31)
Pallidum	total	2989 (364)	3128 (301)	0.83 (-0.42)	3273 (349)	2989 (364)	0.20 (0.45)	<b>0.046*</b> (0.80)	0.22 (-0.42)
	left	1655 (231)	1740 (181)	0.53 (-0.41)	1778 (240)	1655 (231)	0.59 (0.18)	0.18 (0.52)	0.22 (-0.41)
	right	1334 (139)	1387 (146)	0.68 (-0.37)	1495 (123)	1334 (139)	<b>0.032*</b> (0.80)	<b>0.009**</b> (1.23)	0.32 (-0.37)

eTable 19 (cont.). Statistical results for subcortical volume (mm<sup>3</sup>) after excluding DID patients with a history of using antidepressants.

Superparcel	side	All-PTSD to HC comparison			Sub-group comparisons				
		Mean (SD)		t-test: P Value (Effect size <sup>^</sup> )	Mean (SD)		t-test: P Value (Effect size <sup>^</sup> )		
		All-PTSD (n=21)	HC (n=28)	All-PTSD vs. HC	DID-PTSD (n=7)	PTSD-only (n=14)	DID-PTSD vs. HC	DID-PTSD vs. PTSD-only	PTSD-only vs. HC
Nucleus Accumbens	total	1224 (215)	1323 (159)	0.085 (-0.53)	1259 (208)	1224 (215)	0.39 (0.34)	0.78 (0.17)	0.14 (-0.53)
	left	580 (91)	647 (101)	<b>0.028*</b> (-0.69)	579 (94)	580 (91)	0.16 (-0.69)	0.99 (-0.01)	0.074 (-0.69)
	right	643 (140)	676 (86)	0.44 (-0.29)	680 (127)	643 (140)	0.99 (0.04)	0.62 (0.27)	0.48 (-0.29)
Thalamus	total	12566 (1225)	12791 (1047)	0.63 (-0.20)	13327 (1029)	12566 (1225)	0.24 (0.52)	0.23 (0.67)	0.86 (-0.20)
	left	6203 (674)	6318 (556)	0.60 (-0.19)	6579 (531)	6203 (674)	0.27 (0.48)	0.30 (0.63)	0.95 (-0.19)
	right	6363 (575)	6473 (540)	0.69 (-0.20)	6747 (507)	6363 (575)	0.25 (0.52)	0.21 (0.71)	0.78 (-0.20)
Ventral diencephalon	total	8039 (585)	8127 (520)	0.41 (-0.16)	7858 (1015)	8039 (585)	0.074 (-0.35)	0.13 (-0.23)	0.85 (-0.16)
	left	3989 (293)	4012 (241)	0.72 (-0.09)	3944 (464)	3989 (293)	0.31 (-0.19)	0.39 (-0.12)	0.93 (-0.09)
	right	4049 (327)	4115 (312)	0.26 (-0.20)	3913 (577)	4049 (327)	<b>0.026*</b> (-0.45)	0.063 (-0.30)	0.80 (-0.20)

\*\* Corrected for multiple comparison

\* Uncorrected for multiple comparisons (p-value<=0.05)

^ Cohen's d effect size

**eTable 20. Correlations between cortical and subcortical volumes and dissociation and trauma scales.**

Cortical/ Subcortical volume	Region/ structure	Left/ right	Partial correlation coefficients <sup>§</sup>								
			TEC sub-scores								
			DES	SDQ-20	CDS	Emotional neglect	Emotional abuse	Physical abuse	Sexual harassment	Sexual abuse	Total trauma
<b>Cortical volume</b>											
	Lateral orbitofrontal	left	-0.217	-0.323 <sup>^</sup>	-0.193	-0.023	-0.278	-0.083	-0.130	-0.142	-0.104
	Medial orbitofrontal	right	-0.058	0.016	-0.138	<b>-0.400*</b>	-0.076	-0.173	-0.142	-0.159	-0.037
	Pars orbitalis	left	-0.162	-0.252	<b>-0.366*</b>	-0.277	-0.349 <sup>^</sup>	<b>-0.435*</b>	<b>-0.432*</b>	<b>-0.441*</b>	-0.273
	Pars orbitalis	right	-0.062	-0.102	-0.112	-0.156	-0.140	-0.020	-0.322 <sup>^</sup>	-0.140	-0.124
	Precentral	left	<b>-0.398*</b>	<b>-0.382*</b>	-0.216	<b>-0.443*</b>	-0.317 <sup>^</sup>	-0.167	-0.204	-0.279	-0.311 <sup>^</sup>
	Superior frontal	left	-0.145	-0.200	-0.072	-0.223	-0.145	0.065	0.035	0.129	-0.029
	Superior frontal	right	0.293	0.176	0.307	0.168	0.098	0.335 <sup>^</sup>	0.311 <sup>^</sup>	0.326 <sup>^</sup>	<b>0.386*</b>
	Caudal anterior cingulate	right	0.084	0.096	-0.018	0.015	<b>0.363*</b>	0.351 <sup>^</sup>	-0.041	0.224	0.158
	Inferior parietal	left	-0.328 <sup>^</sup>	-0.287	<b>-0.384*</b>	-0.277	-0.292	-0.194	-0.129	-0.240	-0.260
	Posterior cingulate	left	0.281	0.141	0.149	-0.161	0.043	0.104	-0.247	-0.136	0.259
	Insula	left	-0.019	-0.178	0.041	-0.108	-0.152	0.013	-0.172	-0.048	-0.059

**Subcortical volume**

Hippocampus	left	0.009	-0.038	-0.191	<b>-0.452*</b>	-0.276	-0.306 <sup>^</sup>	<b>-0.515*</b>	-0.297	-0.010
Hippocampus	right	-0.211	-0.169	-0.266	-0.350 <sup>^</sup>	-0.175	-0.277	<b>-0.535**</b>	<b>-0.423*</b>	-0.130
Putamen	left	<b>0.527**</b>	<b>0.482**</b>	<b>0.410*</b>	0.053	0.079	0.288	<b>0.454**</b>	<b>0.374*</b>	<b>0.390*</b>
Putamen	right	<b>0.590**</b>	<b>0.492**</b>	<b>0.484**</b>	0.060	0.195	0.303 <sup>^</sup>	0.246	0.192	<b>0.406*</b>
Pallidum	right	<b>0.473**</b>	<b>0.468**</b>	<b>0.427*</b>	0.303 <sup>^</sup>	0.153	0.175	0.325 <sup>^</sup>	0.321 <sup>^</sup>	<b>0.374*</b>

Abbreviations: DES: dissociative experience scale; SDQ-20: somatoform dissociation questionnaire; CDS: Cambridge depersonalization scale; TEC: traumatic experience checklist.

\*\*  $P$ -value  $\leq 0.01$

\*  $P$ -value  $\leq 0.05$

<sup>^</sup>  $0.05 < P$ -value  $< 0.1$

<sup>§</sup> Controlled for age and parenchymal volume