

Fig. S1: The tracking numbers of fibres projecting to left medial frontal cortex, orbitofrontal cortex and left thalamus and the total tracking numbers of fibres traversing through the left anterior limb of the internal capsule in patients with major depressive disorder with and without a history of suicide attempts and healthy controls. * $p < 0.05$, 2-tailed. nSA = major depressive disorder without history of suicide attempts; SA = major depressive disorder with history of suicide attempts; SD = standard deviation.

Table S1: Comparisons of the tracking numbers of fibers projecting to left MFC, OFC and thalamus and the total numbers of fibers traversing the left anterior limb of the internal capsule in patients with major depressive disorder with and without a history of suicide attempts and healthy controls

Brain region	F^*	p value	Between-group t tests; p value		
			Suicide attempt < control	No suicide attempt < control	Suicide attempt < no suicide attempt
Left MFC	13.789	0.001†	0.001†	0.001†	0.44
Left OFC	5.110	0.008†	0.006†	0.022†	0.32
Left thalamus	21.296	0.001†	0.001†	0.001†	0.001†
Total	1.654	0.197	0.07	0.66	0.16

MFC = medial frontal cortex; OFC = orbitofrontal cortex.

*Analysis of covariance.

†2-tailed.

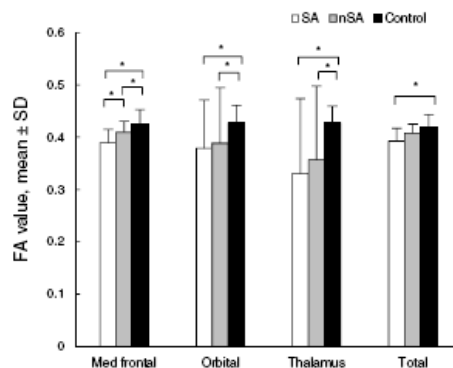


Fig. S2: Mean fractional anisotropy (FA) values of fibres projecting to the left medial frontal cortex, orbitofrontal cortex and left thalamus and total fibres traversing through the left anterior limb of the internal capsule in patients with major depressive disorder with and without a history of suicide attempts and healthy controls. * $p < 0.05$, 2-tailed. nSA = major depressive disorder without history of suicide attempts; SA = major depressive disorder with history of suicide attempts; SD = standard deviation.

Table S2: Comparisons of mean FA values of fibres projecting to left MFC, OFC and thalamus and the mean FA values of total fibres traversing the left anterior limb of the internal capsule among patients with major depressive disorder with and without a history of suicide attempts and healthy controls

Brain region	F^*	p value	Between-group t tests; p value		
			Suicide attempts < control	No suicide attempts < control	Suicide attempt < no suicide attempts
Left MFC	11.389	0.001†	0.001†	0.012†	0.012†
Left OFC	3.971	0.022†	0.029†	0.021†	0.69
Left thalamus	7.960	0.001†	0.042†	0.014†	0.82
Total	7.810	0.001†	0.004†	0.08	0.08

FA = fractional anisotropy; MFC = medial frontal cortex; OFC = orbitofrontal cortex.
 * Analysis of covariance.
 $†$ 2-tailed.