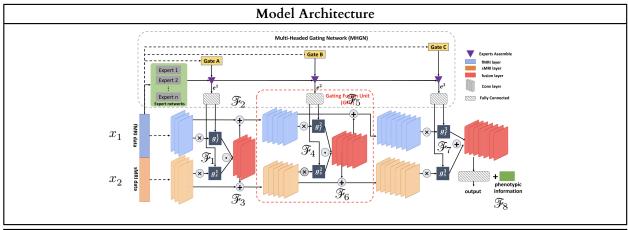
## 4 Attention-like multimodality fusion with data augmentation for diagnosis of mental disorders using MRI [4]



Fusion Formulas				
$\mathcal{F}_1 = \mathbb{S}(x_1^3, x_2^3)$	$\mathscr{F}_2$ = $\oplus(x_1^3,\mathscr{F}_1^3)$	$\mathcal{F}_3 = \oplus \left(x_2^3, \mathcal{F}_1^3\right)$	$\mathscr{F}_4$ = $\mathbb{S}(\mathscr{F}_2^5,\mathscr{F}_3^5)$	
$\mathscr{F}_5 = \oplus \left(\mathscr{F}_4^5, \mathscr{F}_2^5\right)$	$\mathscr{F}_6$ = $\oplus \left(\mathscr{F}_3^{5},\mathscr{F}_4^{5}\right)$	$\mathcal{F}_7 = \mathbb{S}(\mathcal{F}_5^7, \mathcal{F}_6^7)$	$\mathscr{F}_8$ = $\oplus (x_3^0,\mathscr{F}_7^0)_{ ightarrow}$	

Fusion Graph Representation Fusion Analys		
	How Many: Single or Multiple?	Multiple, 8
$x_1$ $x_2$ $x_3$	Number of Fusion Flows	1
$ \begin{array}{c} (\mathfrak{F}_{1}) \\ (\mathfrak{F}_{3}) \end{array} $ $ \begin{array}{c} (\mathfrak{F}_{3}) \\ (\mathfrak{F}_{6}) \end{array} $	Multiple Type Sudden, Gradual or Multi-Flow?	Gradual
	Sudden  Synchro?	No