

Layer - Output shape		Output	
\hat{X}_3 (4096, 32)	R (4096, 32)		
.	Dense (4096, 32)	.	.
.	Dense (4096, 16)	.	.
.	Dense (4096, 16)	.	.
.	Dense (4096, 32)	.	.
.	SAAF (4096, 32)	.	\hat{X}_2
Abs (4096, 32)	Abs (4096, 32)	.	.
G-Avg (1, 32)	G-Avg (1, 32)	.	.
LSTM (1, 32)	LSTM (1, 32)	.	.
Dense (1, 512)	Dense (1, 512)	.	.
Dense (1, 32)	Dense (1, 32)	$se1$	$se2$
$\hat{X}_3 \times se1$ (4096, 32)	$\hat{X}_2 \times se2$ (4096, 32)	$\hat{X}_{1.1}$	$\hat{X}_{1.2}$
$\hat{X}_{1.1} + \hat{X}_{1.2}$ (4096, 32)		\hat{X}_0	
deConv1D (4096, 1)		\hat{y}	