

Layer - Output shape		Output	
\mathbf{Z} (9,64,32)			
Bi-LSTM (64, 128)		.	
Bi-LSTM (64, 64)		.	
Bi-LSTM (64, 32)	Bi-LSTM (64, 32)	.	.
SAAF (64, 32)	SAAF (64, 32)	$\hat{\mathbf{Z}}_1$	$\hat{\mathbf{Z}}_2$
Dense (1024, 32)	Dense (1024, 32)	.	.
Sparse Tensor (4096, 32)	.	$\hat{\mathbf{Z}}_3$.
$\hat{\mathbf{Z}}_3 * \mathbf{R}$ (4096, 32)	Unpooling (4096, 32)	$\hat{\mathbf{X}}_4$	$\hat{\mathbf{X}}_5$
$\hat{\mathbf{X}}_4 \times \hat{\mathbf{X}}_5$ (4096, 32)		$\hat{\mathbf{X}}_3$	