Feature Encoding　　**Semantic Representation Interactive Learning Module**　　**Semantic Relationship Interactive Learning Module**

$F_T^2 \rightarrow$ Classifier

Groundtruth

$F_T^3 \rightarrow$ Classifier

Sentiment Analysis

L_{sem1}

Sentiment Analysis

Semantic definition in text modality

$C_V \rightarrow$ MLP $\rightarrow s_v$

f_0^{t2}

Semantic Alignment

L_{sem2}

f_0^{t3}

$C_A \rightarrow$ MLP $\rightarrow s_a$

Semantic Alignment

Cross-modal semantic interaction

M_V

M_T^1

Semantic Relationship Alignment

L_{dis}

M_T^2

M_A

Semantic Relationship Alignment

Cross-modal semantic relationship alignment