

Improving Generalization in Multimodal Sentiment Analysis by Select-Additive Learning

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Abstract: abstract

1 Experiments

Table 1: TCPCP v.s. TRPCA

n	$rank_t(\hat{\mathcal{L}})$	$\ \hat{\mathcal{S}}\ _0$	CTPCP		TRPCA	
			$\frac{\ \hat{\mathcal{L}}_0 - \mathcal{L}_0\ _F}{\ \hat{\mathcal{L}}_0\ }$	$\frac{\ \hat{\mathcal{S}}_0 - \mathcal{S}_0\ _F}{\ \hat{\mathcal{S}}_0\ }$	$\frac{\ \hat{\mathcal{L}}_0 - \mathcal{L}_0\ _F}{\ \hat{\mathcal{L}}_0\ }$	$\frac{\ \hat{\mathcal{S}}_0 - \mathcal{S}_0\ _F}{\ \hat{\mathcal{S}}_0\ }$
20	2	24	10^{-3}	10^{-3}	10^{-6}	10^{-6}
30	3	54	10^{-3}	10^{-3}	10^{-6}	10^{-6}
50	3	150	10^{-2}	10^{-2}	10^{-6}	10^{-6}

n	$rank_t(\hat{\mathcal{L}})$	$\ \hat{\mathcal{S}}\ _0$	$\frac{\ \hat{\mathcal{L}}_0 - \mathcal{L}_0\ _F}{\ \hat{\mathcal{L}}_0\ }$	$\frac{\ \hat{\mathcal{S}}_0 - \mathcal{S}_0\ _F}{\ \hat{\mathcal{S}}_0\ }$	$\frac{\ \hat{\mathcal{L}}_0 - \mathcal{L}_0\ _F}{\ \hat{\mathcal{L}}_0\ }$	$\frac{\ \hat{\mathcal{S}}_0 - \mathcal{S}_0\ _F}{\ \hat{\mathcal{S}}_0\ }$	runtime (s)
20	2	120	4.94e-2	4.75e-2	1.66e-6	1.24e-6	638

References