

Model	TAC + SA				TAC + ER				TAC + SA + ER			
	Text		Text+Emoji		Text		Text+Emoji		Text		Text+Emoji	
	Precision	Recall	Precision	Recall	Precision	Recall	Precision	Recall	Precision	Recall	Precision	Recall
	Avg/St.dev	Avg/St.dev	Avg/St.dev	Avg/St.dev	Avg/St.dev	Avg/St.dev	Avg/St.dev	Avg/St.dev	Avg/St.dev	Avg/St.dev	Avg/St.dev	Avg/St.dev
METC+MA	80.09/1.07	82.96/1.42	85.30/0.11	86.22/1.15	79.69/1.35	82.44/1.20	81.60/1.15	85.49/0.33	86.23/1.09	84.07/1.15	87.17/1.90	85.95/0.91
META+MA	82.40/2.90	85.49/1.21	86.36/0.69	88.59/0.98	81.70/0.33	84.63/0.19	83.83/1.04	86.46/1.40	87.02/2.38	88.02/1.77	88.40/0.21	89.73/0.16
META+MA+LCM	86.46/0.42	88.54/1.11	90.26/0.61	90.59/2.13	86.70/0.05	88.67/0.14	88.10/0.34	90.08/0.49	87.91/1.04	89.45/0.76	90.51/0.86	93.78/0.29
META+MA+SAM	84.42/0.34	86.46/0.57	89.58/0.86	89.98/0.55	86.47/0.55	84.10/0.88	88.29/1.24	87.89/1.03	88.46/0.79	91.66/1.39	89.44/0.62	91.86/2.17
META+MA Integ.(LCM,SAM)	88.37/0.61	91.44/0.29	90.09/0.54	93.63/0.46	85.95/0.55	89.48/0.68	89.09/1.45	91.41/1.11	89.65/1.06	92.33/0.38	92.06/0.81	95.44/0.29

Table 1: Results of Stance Detection in Multi-task architectures on Climate Change Dataset (Macro Precision & Recall). MEMOCLiC outperforms other variants while meeting statistical significance under t-tests ($p < 0.05$).