

<b>K</b>	<b>Model</b>	<b>F1-Macro</b>	<b>F1-Micro</b>	<b>AUC</b>
5	Full	$0.3813 \pm 0.0102$	$0.5161 \pm 0.0154$	$0.5571 \pm 0.0094$
	PCA	$0.2318 \pm 0.0354$	$0.5600 \pm 0.0220$	$0.5279 \pm 0.0108$
	PLS	$0.3432 \pm 0.0231$	$0.5795 \pm 0.0233$	$0.5566 \pm 0.0094$
	SPPCA	$0.3823 \pm 0.0120$	$0.5332 \pm 0.0188$	$0.5641 \pm 0.0087$
	S <sup>2</sup> PPCA	$0.3927 \pm 0.0134$	$0.5890 \pm 0.0126$	$0.5842 \pm 0.0104$
10	Full	$0.3813 \pm 0.0102$	$0.5161 \pm 0.0154$	$0.5571 \pm 0.0094$
	PCA	$0.3113 \pm 0.0304$	$0.5916 \pm 0.0146$	$0.5493 \pm 0.0101$
	PLS	$0.3756 \pm 0.0154$	$0.5517 \pm 0.0177$	$0.5610 \pm 0.0095$
	SPPCA	$0.3924 \pm 0.0117$	$0.5459 \pm 0.0180$	$0.5685 \pm 0.0084$
	S <sup>2</sup> PPCA	$0.3985 \pm 0.0103$	$0.5914 \pm 0.0106$	$0.5896 \pm 0.0107$
20	Full	$0.3813 \pm 0.0102$	$0.5161 \pm 0.0154$	$0.5571 \pm 0.0094$
	PCA	$0.3723 \pm 0.0171$	$0.5537 \pm 0.0204$	$0.5614 \pm 0.0097$
	PLS	$0.3799 \pm 0.0193$	$0.5208 \pm 0.0158$	$0.5585 \pm 0.0102$
	SPPCA	$0.3859 \pm 0.0133$	$0.5517 \pm 0.0151$	$0.5640 \pm 0.0097$
	S <sup>2</sup> PPCA	$0.3976 \pm 0.0142$	$0.6012 \pm 0.0190$	$0.5921 \pm 0.0119$

Table 1: Table 3 in the original paper

<b>K</b>	<b>Method</b>	<b>Macro-F1 (SD)</b>	<b>Micro-F1 (SD)</b>	<b>AUC (SD)</b>
5	FULL	0.3851 $\pm$ 0.0091	0.4832 $\pm$ 0.0127	0.5533 $\pm$ 0.0084
	PCA	0.3238 $\pm$ 0.0205	0.4893 $\pm$ 0.0262	0.5168 $\pm$ 0.0093
	PLS	0.3474 $\pm$ 0.0217	0.5187 $\pm$ 0.0202	0.5358 $\pm$ 0.0107
	SPPCA	0.3180 $\pm$ 0.0242	0.5435 $\pm$ 0.0292	0.5317 $\pm$ 0.0080
	S <sup>2</sup> PPCA	0.3108 $\pm$ 0.0253	0.5418 $\pm$ 0.0228	0.5285 $\pm$ 0.0069
10	FULL	0.3851 $\pm$ 0.0091	0.4831 $\pm$ 0.0127	0.5533 $\pm$ 0.0084
	PCA	0.3441 $\pm$ 0.0172	0.4938 $\pm$ 0.0250	0.5260 $\pm$ 0.0110
	PLS	0.3742 $\pm$ 0.0142	0.5241 $\pm$ 0.0174	0.5501 $\pm$ 0.0084
	SPPCA	0.3554 $\pm$ 0.0216	0.5346 $\pm$ 0.0228	0.5432 $\pm$ 0.0106
	S <sup>2</sup> PPCA	0.3553 $\pm$ 0.0185	0.5241 $\pm$ 0.0229	0.5409 $\pm$ 0.0091
20	FULL	0.3851 $\pm$ 0.0091	0.4832 $\pm$ 0.0128	0.5533 $\pm$ 0.0084
	PCA	0.3643 $\pm$ 0.0145	0.5138 $\pm$ 0.0187	0.5419 $\pm$ 0.0101
	PLS	0.3801 $\pm$ 0.0114	0.5049 $\pm$ 0.0196	0.5497 $\pm$ 0.0083
	SPPCA	0.3747 $\pm$ 0.0136	0.5349 $\pm$ 0.0238	0.5499 $\pm$ 0.0074
	S <sup>2</sup> PPCA	0.3737 $\pm$ 0.0141	0.5002 $\pm$ 0.0192	0.5500 $\pm$ 0.0098

Table 2: Replication Results