**Result and Comparison Table ( 5 classes)**

**CALTECH (alpha=1e-6;beta=100;gama=4**)

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Dataset  **Caltech** | Result | SC | AASC | KKM | MKKM | RKKM | RMKKM | MMSC | SMKL | SMVMKL |
| View1 | ACC | .3506 | .2834 | .4104 | .3164 | .4303 |  | .4004 | .4855 | .6307(**1+2+3+6**) |
| NMI | .0889 | .0242 | .1815 | .0625 | .2053 |  | .1195 | .2814 | .4142 |
| PUR | .3651 | .2876 | .4402 | .3490 | .4627 |  | .4349 | .5353 | .7261 |
| View2 | ACC | .3614 | .2666 | .3382 | .3083 | .3469 |  |  | .3527 | 0.5187(**1+2+3**) |
| NMI | .1086 | .0195 | .1109 | .0890 | .1144 |  |  | .1139 | .3468 |
| PUR | .4073 | .2780 | .3838 | .3672 | .3956 |  |  | .4772 | .5685 |
| View3 | ACC | .4064 | .3432 | .4620 | .4332 | .4749 |  |  | .5353 | **0.6183(All 6)** |
| NMI | .2102 | .1394 | .2112 | .2226 | .2453 |  |  | .2804 | **0.4756** |
| PUR | .4313 | .3465 | .4969 | .4836 | .5054 |  |  | .6556 | **0.6598** |
| View4 | ACC | .5438 | .3693 | .6415 | **.6678** | **.6571** |  |  | .4772 | 0.6556(4+5+6) |
| NMI | .3637 | .1308 | .5035 | .5439 | .5268 |  |  | .2600 | .4572 |
| PUR | .5454 | .3911 | .6707 | .7019 | .6784 |  |  | **.5270**  **(.7725)** | .7303 |
| View5 | ACC | .5247 | .5037 | .6255 | .5813 | .6249 |  |  | .6024 | 0.5975(**1+2+3+5+6**) |
| NMI | .2229 | .2947 | .4670 | .4100 | .4650 |  |  | .4323  (.4500) | .4742 |
| PUR | .5301 | .5452 | .6446 | .6075 | .6434 |  |  | .6515 | .6349 |
| View6 | ACC | .3494 | .3048 | .4828 | .4932 | .5002 |  |  | .5934 |  |
| NMI | .1175 | .0525 | .2497 | .2575 | .2811 |  |  | .4032 |  |
| PUR | .3512 | .3127 | .5044 | .5083 | .5255 |  |  | .6224 |  |

Acc = 0.5228, NMI= 0.3045, PUR=0.5228 while taking 1+2+3+6 views as a single view and running SMKL.

**Co-training\_MVSC** ACC: 0.6091 NMI: 0.4488 PUR: 0.6680

**Co-reg\_MVSC**  ACC: 0.5855 NMI: 0.4570 PUR: 0.6502

**MVCSK**  ACC: 0.5270 NMI: 0.2996 PUR: 0.5602

**AGML**  ACC: 0.6058 NMI: 0.4374 PUR: 0.6432

**MVC** ACC: 0.5062 NMI: 0.3197 PUR: 0.6639

**AMGL** ACC: 0.6058 NMI: 0.4185 PUR: 0.5929

**MLAN** ACC: 0.6266 NMI: 0.4778 PUR: 0.6473

**SwMC** ACC: 0.4979 NMI: 0.2910 PUR: 0.5104

**SMVMKL\_R** ACC: 0.6266 PUR:0.4836 NMI: 0.6680