

| Semantic:word2vec | AwA | | CUB | |
|-------------------|--------------|--------------|--------------|--------------|
| | V | G | V | G |
| Akata'15 | - | 51.20 | - | 28.40 |
| Xian'16 | - | 61.10 | - | 31.80 |
| Akata'16 | - | - | 33.90 | - |
| Changpinyo'16 | - | 57.50 | - | - |
| SCoRe'17 | - | 60.88 | - | 31.51 |
| DMaP-I'17 | - | - | - | 26.28 |
| Ours | 66.26 | 66.89 | 34.40 | 32.42 |

| Semantic: GloVe | AwA | | CUB | |
|-----------------|--------------|--------------|--------------|--------------|
| | V | G | V | G |
| Akata'15 | - | 58.80 | - | 24.20 |
| Xian'16 | - | 62.90 | - | 32.50 |
| DMaP-I'17 | - | - | - | 23.69 |
| Ours | 62.01 | 64.73 | 32.08 | 29.66 |