

| Model | MS-COCO Test (+n.) | | | MS-COCO Test (+num.) | | | MS-COCO Test (+rel.) | | |
|---------------|--------------------|-------------|------------|----------------------|-------------|------------|----------------------|-------------|------------|
| | R@1 | R@10 | Mean r. | R@1 | R@10 | Mean r. | R@1 | R@10 | Mean r. |
| VSE | 37.6 | 85.8 | 6.9 | 38.5 | 82.3 | 7.7 | 30.7 | 76.7 | 8.0 |
| VSE++ | 45.7 | 89.1 | 5.5 | 45.9 | 82.3 | 7.2 | 42.3 | 80.0 | 7.0 |
| VSE-C (+n.) | 49.2 | 88.4 | 5.7 | 42.1 | 80.3 | 9.1 | 40.4 | 83.3 | 7.0 |
| VSE-C (+num.) | 51.0 | 89.5 | 6.1 | 53.3 | 90.2 | 5.8 | 49.0 | 87.0 | 6.0 |
| VSE-C (+rel.) | 48.0 | 88.8 | 5.3 | 45.4 | 83.9 | 6.7 | 50.1 | 90.2 | 4.0 |
| VSE-C (+all.) | 49.4 | 89.3 | 5.3 | 49.9 | 89.6 | 5.2 | 47.9 | 89.4 | 5.0 |