

| | Methods | Para. | GFlops | MPS | RMSE |
|---|----------------------------|--------------|---------------|------------|-------------|
| A | YOLO-Basic | 24,389M | 86.80 | 1.74 | 1.9 °,6.3 ° |
| B | YOLO-ResNet18 | 6.012M | 20.11 | 3.61 | 1.9 °,7.2 ° |
| C | YOLO-ResNet18 ⁺ | 0.180M | 0.78 | 8.22 | 2.3 °,7.6 ° |
| D | + CSP Connection | 0.094M | 0.39 | 8.53 | 2.2 °,7.5 ° |
| E | + GIoU Loss | 0.095M | 0.39 | 8.23 | 1.5 °,6.5 ° |
| F | + SE Operation | 0.096M | 0.39 | 8.08 | 1.4 °,6.2 ° |