

# Improvement Rate by Operator

Improvements per Second

Reinsert  
Reinsert(C,k5)  
Reinsert(F\_SameV)  
Reinsert(NoSameV)  
Reinsert(NoNewV,NoSameV)  
RouteElim  
Flip  
Flip(k5)  
Flip(SR)  
Merge(random)  
Merge(random,noR)  
Merge(min)  
Merge(min,noR)  
SwapW  
SwapW(k5)  
SwapW(SR)  
SwapW(best,SR)  
SwapW(best)  
SwapB  
SwapB(best)  
Transfer  
Transfer(SR)  
Transfer(SR,k5)  
Shift(rnd,s3,d3,k5)  
Shift(rnd,s2,d4,k5)  
Shift(rnd,s4,d2,k3)  
Shift(rnd,s3,d5,k3)  
Shift(best,s2,d3)  
Shift(best,s3,d2)  
Shift(rnd,SR,s3,d3)  
TwoOpt  
CLS-M1  
CLS-M2  
CLS-M3  
CLS-M4  
ReqShift  
NodeSwap(prec)  
NodeSwap

Operator

3000  
2500  
2000  
1500  
1000  
500  
0