```
a:Wna x=0
                                    sb, hb
int main() {
                                    b:Wna y=0
  atomic int x = 0;
  atomic int y = 0;
                                                                           SW
      x.store(1,mo release);
                                                 hb, sw
  ||| { r1=x.load(mo_acquire).readsvalue(1);
                                                            c:Wrel x=1
                                                                                  d:Racq x=1
                                                                                                          f:Racq y=1
      v.store(1,mo release); }
                                                                                               hb, sw
  ||| { r2=y.load(mo_acquire).readsvalue(1):
                                                                                  sb, hb
                                                                                                         sb, hb
      r3=x.load(mo relaxed); }
      return 0;}
                                                                                   e:Wrel v=1
                                                                                                          q:Rrlx x=1
```