

```

        il_test_shortcircuit_multi4
0:      call    t0 <- Input
1:      assign p <- t0
2:      call    t1 <- Input
3:      assign q <- t1
4:      call    t2 <- Input
5:      assign r <- t2
6:      call    t3 <- Input
7:      assign s <- t3
8:      if      p = 0 goto 9
9:      goto    7
10: 9:
11:      if      q = 0 goto 8
12:      goto    7
13: 8:
14:      if      r = 0 goto 5_if_true
15: 7:
16:      if      s = 0 goto 5_if_true
17:      goto    6_if_false
18: 5_if_true:
19:      param   0 <- 1
20:      call    Output
21:      goto    4
22: 6_if_false:
23: 4:
24:      if      p = 0 goto 16
25:      goto    14
26: 16:
27:      if      q = 0 goto 15
28:      goto    14
29: 15:
30:      if      r = 0 goto 13_if_false
31: 14:
32:      if      s = 0 goto 13_if_false
33:      goto    11
34: 13_if_false:
35:      param   0 <- 1
36:      call    Output
37: 11:
38:      if      p = 0 goto 23
39:      goto    21
40: 23:
41:      if      q = 0 goto 22
42:      goto    21
43: 22:
44:      if      r = 0 goto 20_if_false
45: 21:
46:      if      s = 0 goto 20_if_false
47:      param   0 <- 1
48:      call    Output
49:      goto    18
50: 20_if_false:
51: 18:
52:      if      p = 0 goto 30
53:      goto    28
54: 30:
55:      if      q = 0 goto 29
56:      goto    28
57: 29:
58:      if      r = 0 goto 26_if_true
59: 28:
60:      if      s = 0 goto 26_if_true
61:      goto    27_if_false
62: 26_if_true:
63:      goto    25
64: 27_if_false:
65:      param   0 <- 1
66:      call    Output
67: 25:

```