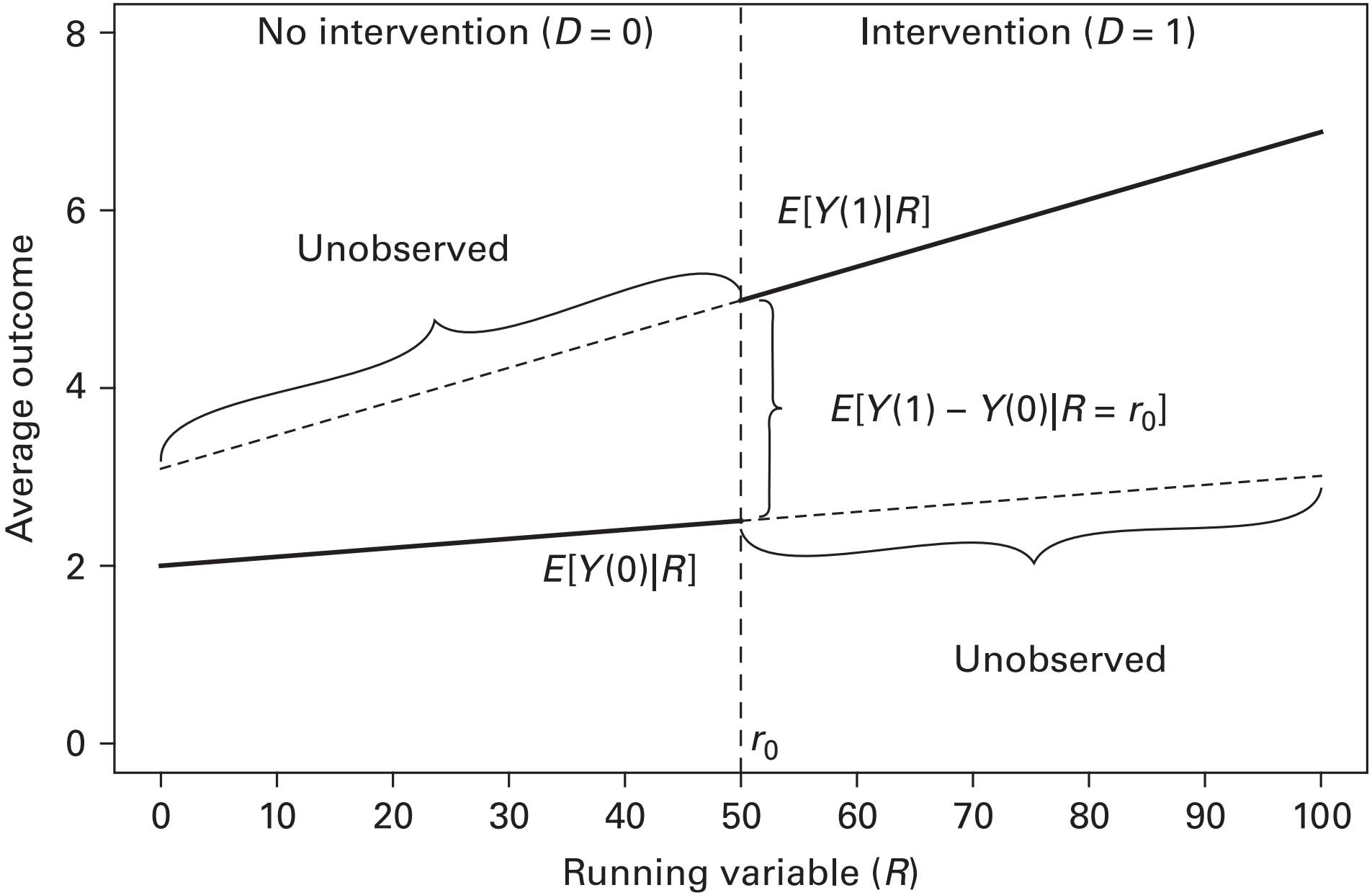
No intervention ($D = 0$)
Intervention ($D = 1$)
$E[Y(1)|R]$
Unobserved
$E[Y(1) - Y(0)|R = r_0]$
$E[Y(0)|R]$
Unobserved
r_0
Average outcome
Running variable (R)
0
2
4
6
8
0
10
20
30
40
50
60
70
80
90
100