



**FIGURE 5.3** Case:  $A$  reads first. In the first execution scenario,  $B$  moves first, driving the protocol to a 1-valent state  $s'$ , and then  $B$  runs solo and eventually decides 1. In the second execution scenario,  $A$  moves first, driving the protocol to a 0-valent state, and then  $B$  takes a step to reach state  $s''$ .  $B$  then runs solo starting in  $s''$  and eventually decides 0.