Figure 1: Two examples of safety violation 1

Examples of safety violation 1: As shown in Figure 1, in the first scenario, EV is turning right. Vehicle a is driving from the left vertical lanes to cross the intersection, and vehicle b is following a to cross the intersection. EV misidentifies the speeds of a and b as the same, ignoring the acceleration of vehicle b. EV stops to let a pass and then accelerates to turn right, causing to collide with vehicle b. The same error of EV causes the safety violation of the second scenario.