Labeling Protocol for Stop Sign Behavior

Here you are given a series of video clips with a stop sign and a vehicle approaching it. The clips should be labled according following **rules**:

- **full_stop**: the vehicle is completely stoped at the stop line. The full stop means zero speed at least for a half of a second
- **slow_down**: the vehicle does not stop completely but the speed is slowed down significantly approaching the stop line
- **ignore**: the driver does not stop or even slow down approaching the stop line and keeps moving at the same speed
- **unknown**: in any case when it's impossible to come to a clear conclusion about the driver's behavior (for ex. due to the poor video quality or stop sign occluded by an obsticle)

Assamptions used:

- each video clip has a stop sign, e.g. correctly flagged by the algorithm
- the video starts a few second before the vehicle approaches the stop sign so the sign is clearly visible from some distance
- the video ends not earlier then the driver starts to cross the intersection, so his behavior can be clealy identified

Explanations:

- the proposed labeling system follows natural behavior on the intersections with stop signs and covers all the possible driver's reactions
- I declined binary system (stop / no stop), because it simplifies the system and does not reflect real world scenarios
- proposed categorical values are self-explanatory and can be applied to any new scene
- inknown label is useful to prevent unnecessary work on inconsistent or empty (without sought cases) data