₁ Informative to the query Query: car Q1: where is the road? 8.0 0.6 0.4 0.2 Road House Sky Human Informative to the scene 8.0 0.6 0.4 voting from road detector road detector result 0.2 Road House Sky Human Q2: where is the house? search area for car house detector result voting from house detector search area for car STOP Car detected! context 0.5 0.5 0 Car Plane Car Plane

final search space for car

car detector results