

Finding Things: Image Parsing with Regions and Per-Exemplar Detectors

Joseph Tighe

University of North Carolina at Chapel Hill

jtighe@cs.unc.edu

Svetlana Lazebnik

University of Illinois at Urbana-Champaign

slazebni@illinois.edu

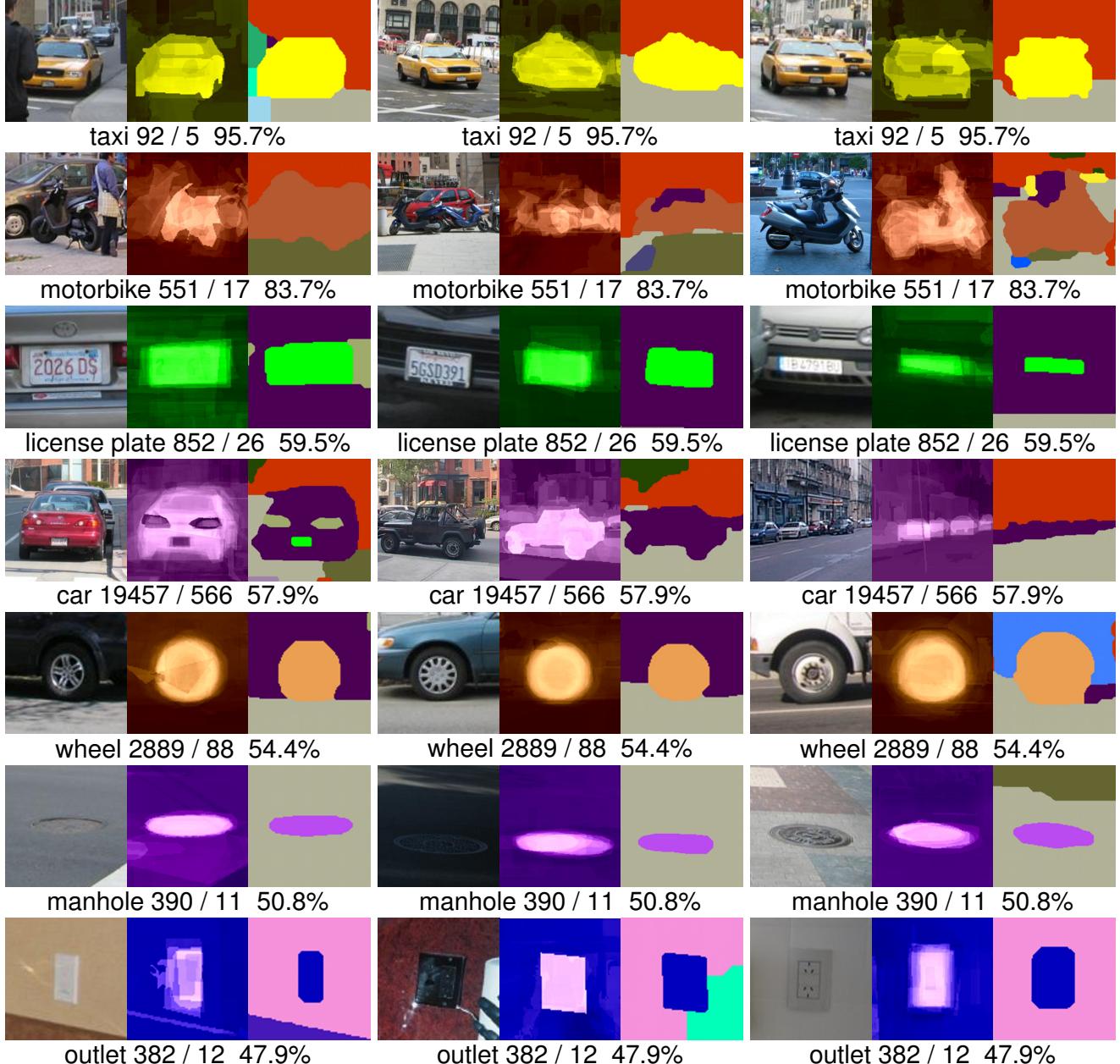


Figure 1. Examples of “thing” classes on LM+SUN. For each class we show a crop of an image, the SVM combined output, and the smoothed final result. The caption for each class shows: (# of training instances of that class) / (# of test instances) (per-pixel rate on the test set)%. Best viewed in color.



Figure 2. Examples of “thing” classes on LM+ SUN. For each class we show a crop of an image, the SVM combined output, and the smoothed final result. The caption for each class shows: (# of training instances of that class) / (# of test instances) (per-pixel rate on the test set)%. Best viewed in color.



Figure 3. Examples of “thing” classes on LM+SUN. For each class we show a crop of an image, the SVM combined output, and the smoothed final result. The caption for each class shows: (# of training instances of that class) / (# of test instances) (per-pixel rate on the test set)%. Best viewed in color.



Figure 4. Examples of “thing” classes on LM+SUN. For each class we show a crop of an image, the SVM combined output, and the smoothed final result. The caption for each class shows: (# of training instances of that class) / (# of test instances) (per-pixel rate on the test set)%. Best viewed in color. The last image of a boat is an interesting miss classification as airplane.

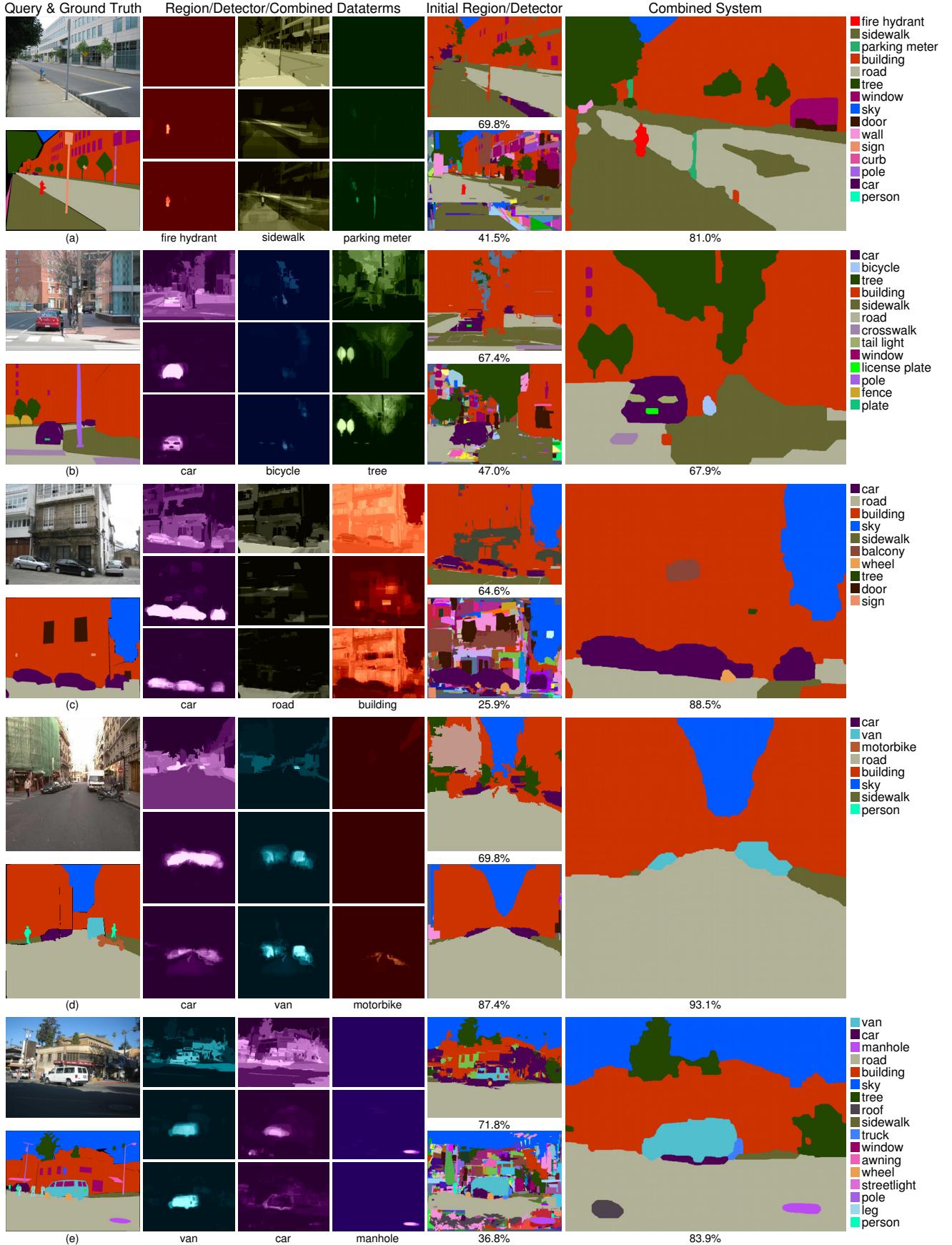


Figure 5. Example results on the LM+ SUN dataset (best viewed in color).

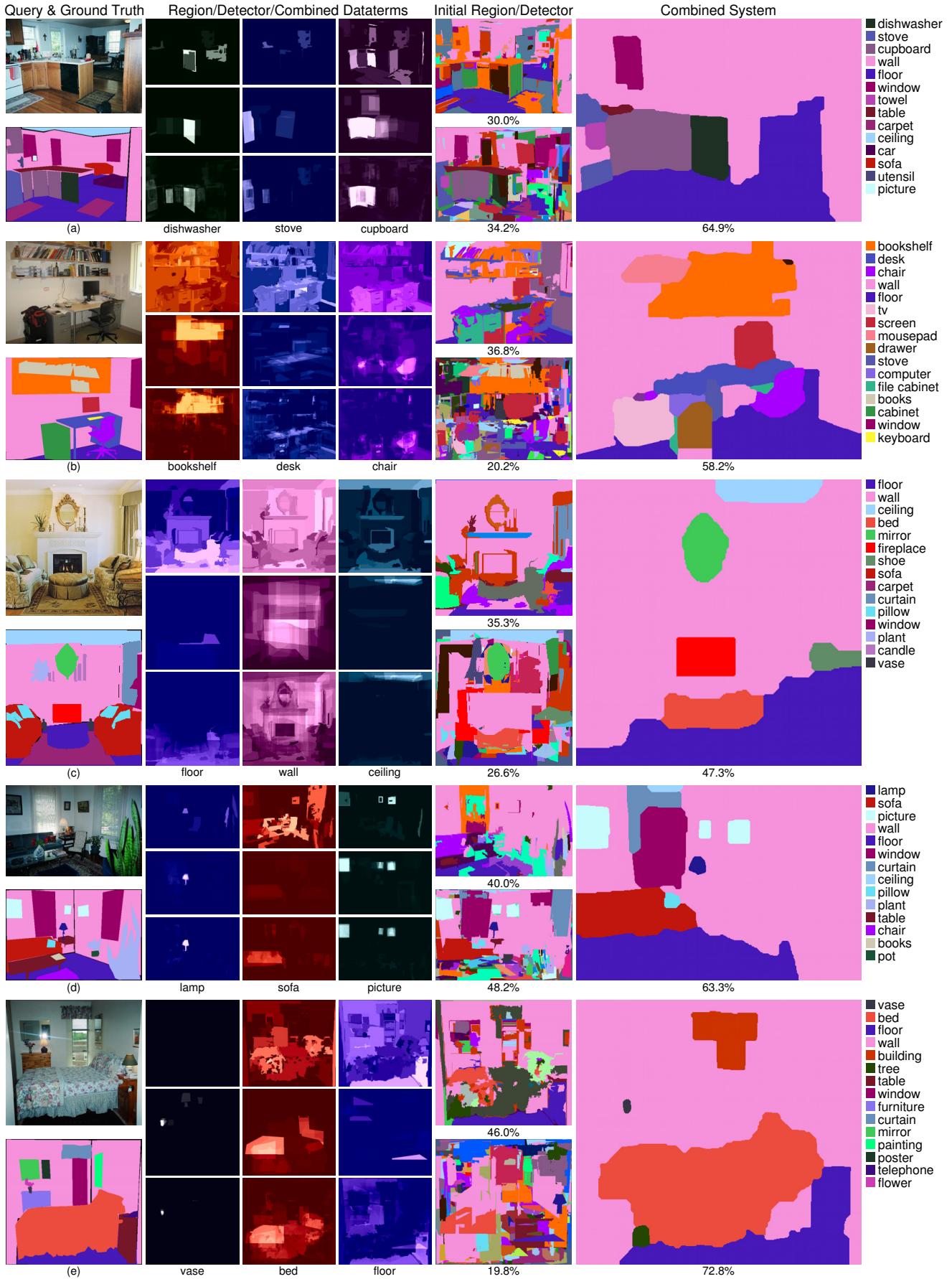


Figure 6. Example results on the LM+SUN dataset (best viewed in color).

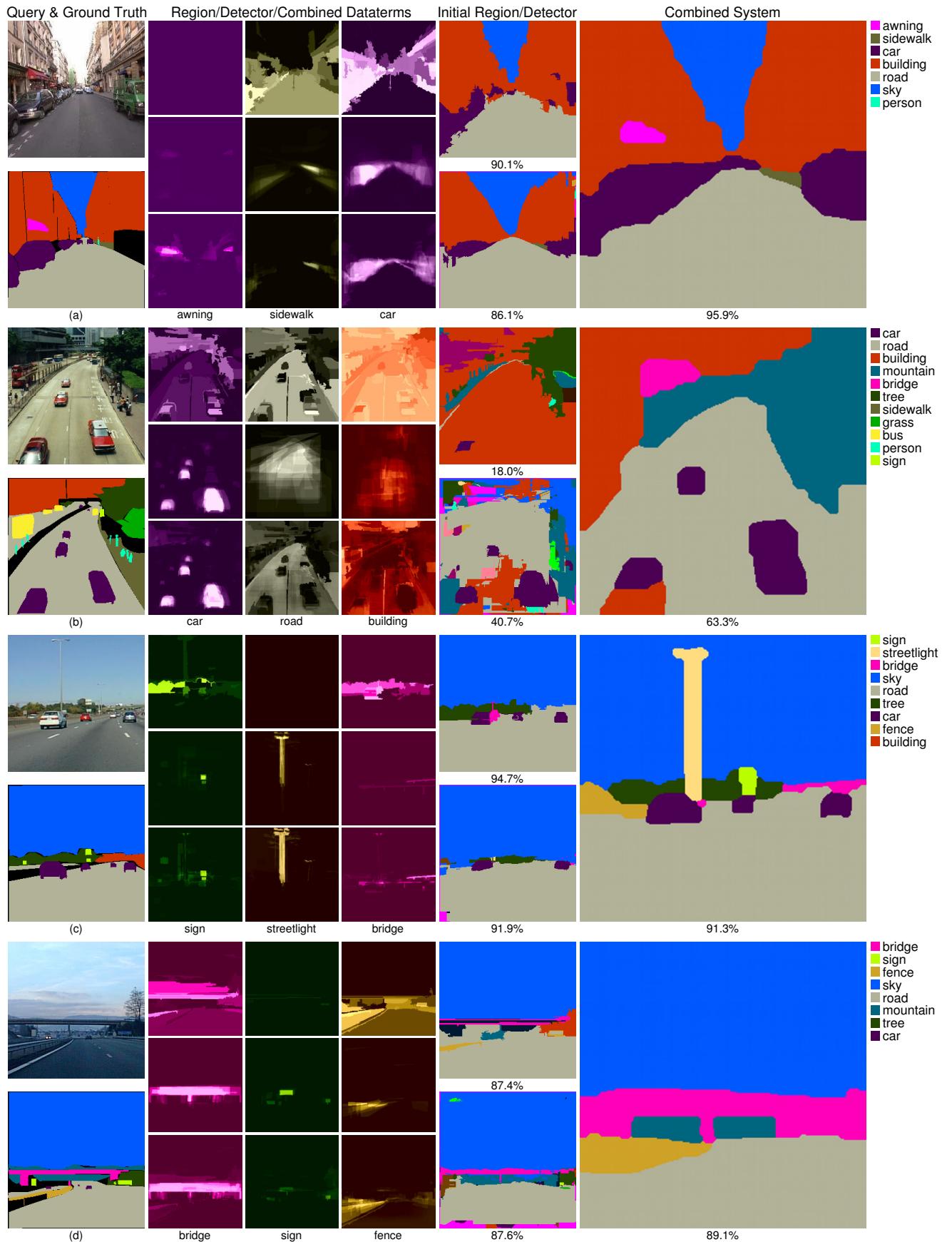


Figure 7. Example results on the SIFT Flow dataset (best viewed in color).

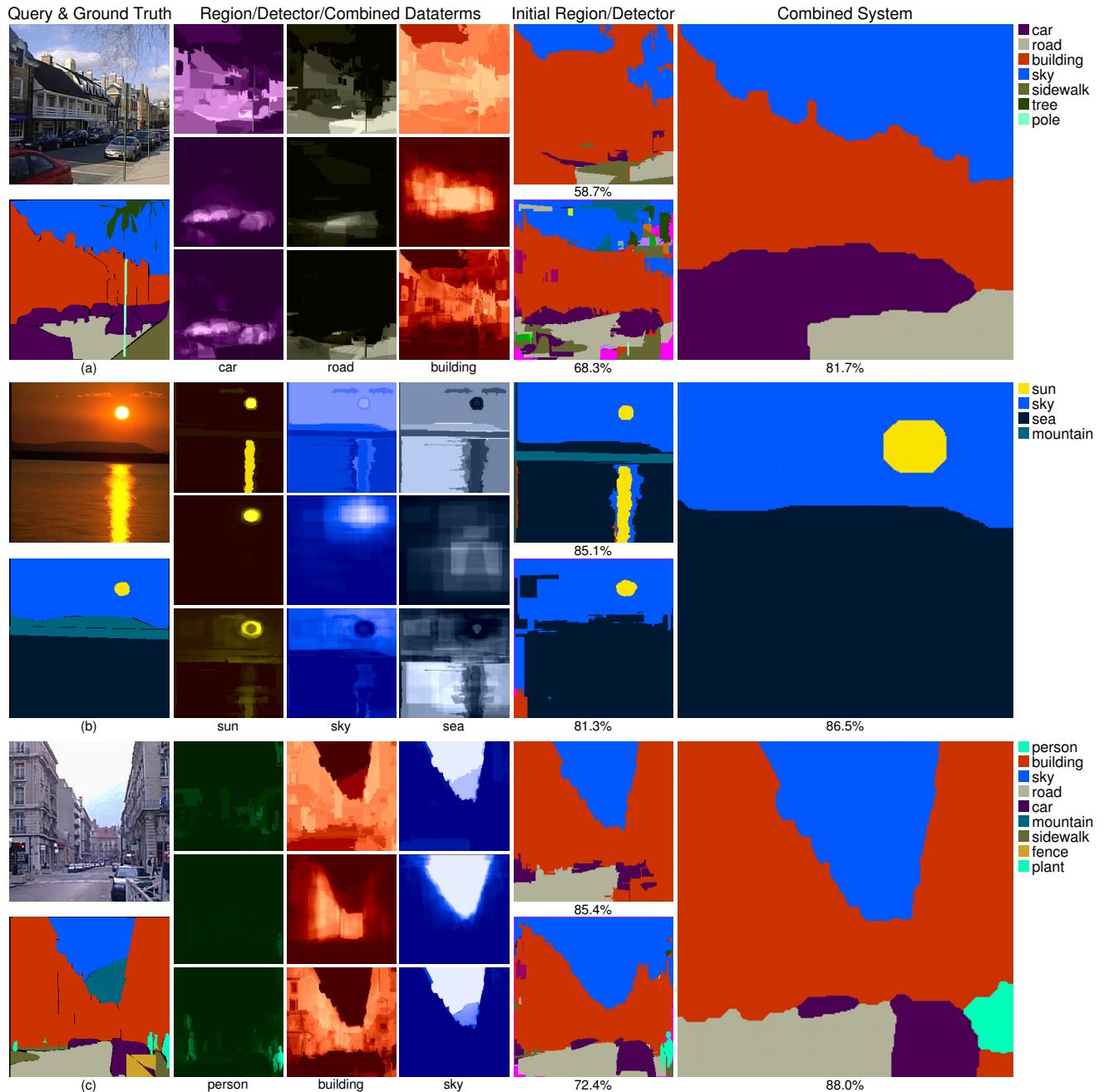


Figure 8. Example results on the SIFT Flow dataset (best viewed in color).