Classification

Global expert
- Input image (crop)
- Network 1
- Network N
- Response N

Local expert
- Input image (dense region)
- Local features
- Fisher vector encoding
- Product quantization & Linear SVM

KNN-based reweighting + IDF-based reweighting

Localization

An input image
- Sliding window
- Localization network
- Bounding boxes
- A score map