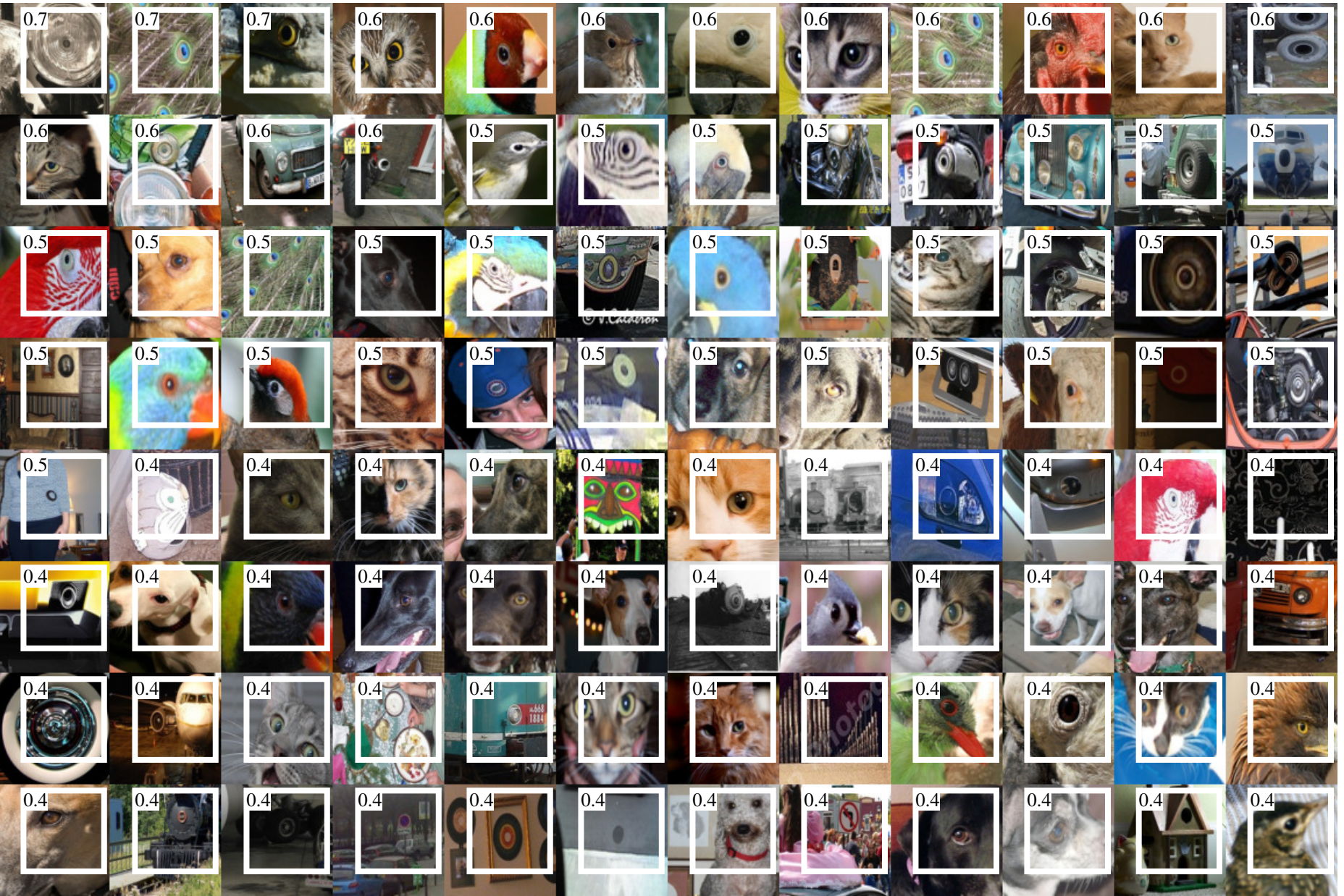pool5 feature: (3,4,177) (top 1 – 96)