1. Learning filters at each size separately or jointly? 🡪 Jointly
   1. Jointly: learn I 28.1s, learn II 31.5s, test 0.0039s
      1. 1:0.246,0.301 10:0.475,0.45 100:0.787,0.605 1000:0.959,0.669
      2. 1:0.248,0.301 10:0.475,0.449 100:0.784,0.604 1000:0.956,0.669
      3. 1:0.247,0.301 10:0.476,0.449 100:0.787,0.604 1000:0.958,0.668
   2. Separately: Learn 190s, learn II 34.0s, test 0.0041s
      1. 1:0.237,0.298 10:0.473,0.448 100:0.785,0.604 1000:0.954,0.667
      2. 1:0.239,0.297 10:0.473,0.449 100:0.789,0.605 1000:0.955,0.667
      3. 1:0.239,0.297 10:0.475,0.449 100:0.787,0.605 1000:0.955,0.668
2. Which color space to choose? Previous default: Gray (I).
   1. HSV：31s，34s，0.0045s
      1. 1:0.235,0.297 10:0.471,0.446 100:0.768,0.597 1000:0.945,0.663
      2. 1:0.237,0.297 10:0.471,0.446 100:0.770,0.597 1000:0.945,0.663
      3. 1:0.235,0.297 10:0.472,0.446 100:0.770,0.598 1000:0.944,0.663
   2. BGR: 34s, 33s, 0.0043s
      1. 1:0.248,0.302 10:0.478,0.451 100:0.79,0.606 1000:0.959,0.67
      2. 1:0.247,0.302 10:0.478,0.45 100:0.789,0.604 1000:0.958,0.668
      3. 1:0.247,0.302 10:0.478,0.451 100:0.788,0.605 1000:0.956,0.669
   3. Lab: 117s, 47s, 0.007s
      1. 1:0.250,0.303 10:0.482,0.454 100:0.800,0.610 1000:0.962,0.67
      2. 1:0.252,0.304 10:0.481,0.453 100:0.802,0.609 1000:0.961,0.669
      3. 1:0.248,0.303 10:0.481,0.454 100:0.797,0.608 1000:0.962,0.67
3. Color space combination:
   1. MAXBGR+HSV+I: recall 99.4%@5000, 0.04s/image, while MAXBGR alone has 95.8%@1000, 0.976@2000
   2. And 250 per sz: recall 99.49%@5000, while MAXBGR alone has 95.9%@1000, 0.978@2000
   3. MAXBGR+HSV: recall 98.8@4000
4. Purely scale and aspect ratio:
   1. 1:0.236,0.297 10:0.454,0.435 100:0.737,0.579 1000:0.923,0.653