deeplearning.ai

Setting up
your goal

Size of dev
and test sets

# Old way of splitting data



70%    30%
Train   Test

100
1000
10,000

60%    30%    20%
Train   Dev    Test

98%                              1%
                                 1%
Train                            D T

1,000,000         10,500

Andrew Ng
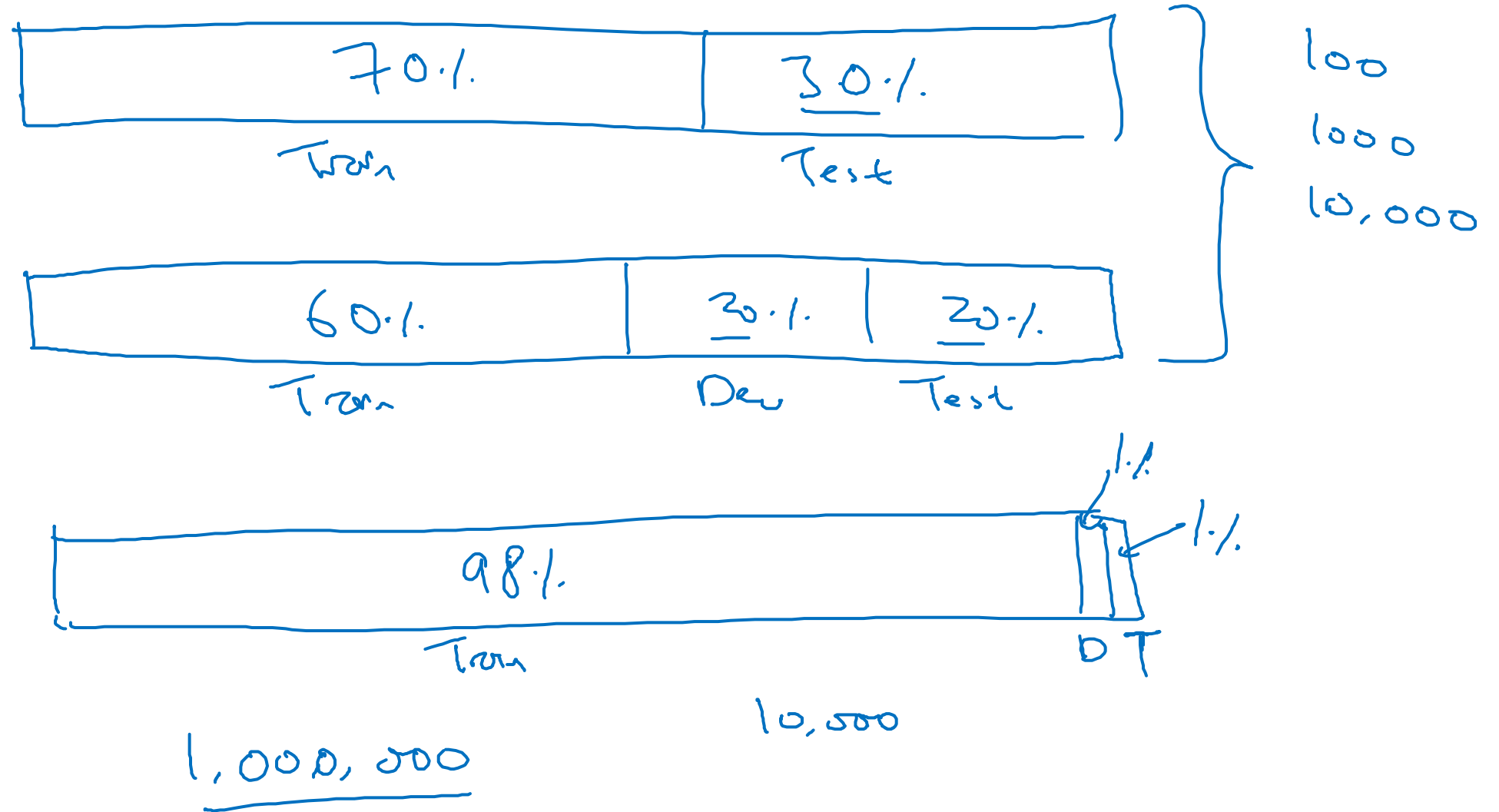
# Size of dev set

A   B

Set your dev set to be big enough to detect differences algorithm/models you're trying out.

100 : Small
   ⌣ 1%

1,000

10,000

100,000

A
97% ⟶ 97.1%
          B
              0.1%
              ↗

          0.01%        Online advertising
       ↗
          0.001%

Andrew Ng

# Size of test set

→ Set your test set to be big enough to give high confiden[ce]

   in the overall performance of your system.

10,000

100,000

Train + Dev.          No test set.