24.901

Using the Praat Speech Analysis system, make recordings of the following data and then report the requested measures.

1. Measure the VOT of the initial stops in the following English words. Also measure the Fundamental Frequency (F0) at the start of the vowel following the stop release.

   pie   buy   spy
   tie   die   sty
   Kye   guy   sky

2. Measure the vowel duration in the following English words.

   tap   tab   Tam
   tat   tad   tan
   tack   tag   tang

3. Record the triple in (a) below; then isolate off the initial [s] by dragging across the remaining Cill and listen to the result. Which items in (b) or (c) does each item in (a) most resemble? Record the items in b and c and measure their VOT's and compare them to the VOT's of the items in (a). Does this help explain the similarity judgments?

   a.   spill   still   skill
   b.   pill   till   kill
   c.   bill   dill   gill