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In[1]:= levelNames = {"a1", "a2", "b1", "b2"};

In[2]:= rootPath = NotebookDirectory[];

In[3]:= texts = Table[Import[FileNameJoin[{rootPath, "data", "sentences",
StringJoin[level, " sentences.txt"]}]], {level, levelNames}];

In[4]:= TextSentences[texts[[1]], 4]
Out[4]:= {I would like that, my dear., I would like to order la carte.,
I would like to compose a message., Beautiful work.}

In[5]:= Flatten[TextSentences[#, 2] &@texts]
Out[5]:= {I would like that, my dear., I would like to order la carte.,
That's Speedy!, Carter laughing., And guess what?,
Catch you later!, He couldn't even guess., He couldn't imagine it.}

In[6]:= sentences = TextSentences[#, 2] &@texts;

In[58]:= nSents = 1000;

In[59]:= sentencesShort = Map[Take[#, nSents] &, sentences];

In[60]:= nameLength = {levelNames, Map[Length, sentencesShort]}^T;

In[61]:= sent2d = DimensionReduce[Flatten[sentencesShort], 2, Method -> "TSNE"];

In[62]:= labels = Flatten[Table[Table[x[[1]], x[[2]]], {x, nameLength}]];

In[63]:= byLevels = GroupBy[Thread[sent2d -> labels], Last -> First];

In[64]:= ListPlot[Values[byLevels], PlotLegends -> Keys[byLevels]]

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