Hi Cliston,

I've been asked to be your point of contact for chapter 5. You need to write a chapter 5; what you have right now, in the position of chapter 5, is actually chapter 6.

This is a long e-mail, so I have divided it into sections, as shown here:

1. OVERVIEW
2. DETAILS
3. PROPOSED REVISION SCHEDULE

1. OVERVIEW

The most important problem with chapter 5, right now, is that it does not exist: you have not created a separate "Discussion" chapter. You have a great deal of the "Discussion" material inserted in chapter 4, which should contain only "Results." Your current chapter 5 is mostly "Conclusions," which should be chapter 6.

You need to revise the thesis as follows:

(1) You need to create a new chapter 5, called "Discussion". This new chapter 5 will contain some of the material from your current chapter 4, and some of the material from your current chapter 5. I have specified, below, which of the material from your current chapter 4 and chapter 5 should be moved to the new chapter 5. I don't actually care whether you MOVE or COPY the material from chapter 4 to chapter 5. Some of the material is certainly inappropriate to a "Results" chapter, and should be removed from chapter 4, but some of it might be appropriate to leave there; I will leave that decision up to your thesis advisor.

(2) You should create a new chapter 6, called "Conclusions". This chapter 6 will contain the first (2 pages + 3 lines) of your current chapter 5. In your 4/202017 thesis draft, the material from p.66: "In this research..." to p. 68: "secondary cues for correct recognition" will go into the new chapter 6, with just two revisions as described in detail below.

2. DETAILS

The new chapter 5, "Discussion," should have the following structure and content. The format xx:yy-zz means lines yy through zz on page xx of the 4/20/2017 thesis draft.

Chapter 5 Discussion

Begin: "Experiment I varied the plosive's primary cue for ..."

Continue: with lines 35:11-22.

Section 5.1 Discussion of Case Study CC

Include text from 36:12-14, "The author has ... (... and 2000 Hz)."

"As a demonstrative case study, therefore, Section 4.1 analyzed", then 37:07-12.

Include text from 39:13-40:04 ("In summary ... row normalized CM")

Move Figure 4.4 to chapter 5, and the text explaining it, i.e., 40:last line-41:12. This material is not "Results" at all, but it could be classed as "Discussion".
New paragraph, beginning: "Entropy of the case study responses was plotted in Fig. 4.5, in order to better understand the pattern of responses." Then insert p. 41 last line "The probability of ..." through 41:04.

New paragraph, beginning "Further analysis of the case study was performed in Section 4.1.5 using confusion matrices as the analysis tool. It was demonstrated that" ... then continue with 44:15-24.

Section 5.2: Discussion of Experiment I

Begin: "In Experiment I, the weak primary cue was strengthened via selective amplification. Perceptual responses of NH and HI ears were analyzed at four different SNRs. HI ears were divided into two groups, based on the pattern of their responses: a low-error group (LEG), and a high-error group (HEG)."

Section 5.2.1: Sorted Error

"To find the", then text from 48:26-27

Text from 49:02-12

Text from p. 50, the entire second paragraph, "The results ... competing sounds.". This paragraph is discussion, not results; it should be moved here to chapter 5.

Section 5.2.2: Confusion Patterns

Text from the last three lines of p. 50.

"Though the groups NH, LEG, and HEG show different error frequencies, their confusion patterns in Experiment I are similar. For example, Fig. 4.12 showed confusion patterns when the token was m115 /ta/." Continue with 52:27-53:08.

Section 5.3: Discussion of Experiment II

First paragraph should contain 53:02-06, then 53:01-02, then 53:last-54:04, then 54:10-12.

Section 5.3.1: Sorted Error

First paragraph: just two sentences, 54:06-07, then 54:12-13.

Second paragraph: "Unlike the LEG, removal of conflicting cues did not always improve error rates for the HEG.", then 55:09-13, then 56:02-10.

Section 5.3.2: Confusion Patterns

Intro paragraph: 56:last "The purpose of this section" through 57:07.

Paragraph 2: "Confusion patterns of the LEG were studied in response to token m115 /ta/ in Figure 4.18." Then 60:02-61:07.

Paragraph 3: "Confusion patterns of the HEG were studied in response to token f103 /ka/ in Figure 4.19." Then 61:15-17, then 61:26-29, then 62:01-05.

Section 5.3.3: Case Study H105-L

First paragraph 63:01-04, then 64:15-64:end.

Second and third paragraphs of section 5.3.3 should be the two paragraphs that are currently on p. 68 of the thesis.
Chapter 6: Conclusions

This should include all of the material that's currently on pages 66-67 of the thesis, and the first four lines of p. 68. You need to make the following two changes to the material currently on p. 67:

"The conflicting cues are the dominant error for both NH and HI ears. However, in some cases" -> It is possible to conclude that conflicting cues are the dominant source of error for both NH and LEG ears, because in both cases,

"on the HI ears" -> on the HEG ears

3. PROPOSED REVISION SCHEDULE

Sunday, 4/23/2017: I am sending you, in this e-mail, a detailed listing of the material that should be in your new chapter 5 "Discussion" and your revised chapter 6 "Conclusions". It is not possible to submit a Ph.D. thesis with discussion mixed together with results, the way your thesis is currently written; you must separate them. Below, I have given you what I consider to be an extremely detailed description of a way in which you can separate out the "Results," "Discussion" and "Conclusions" in a manner more appropriate to a Ph.D. thesis.

Friday, 4/28/2017: Send me a revision of your thesis, containing a chapter 5 and chapter 6 as specified below.

Sunday, 4/30/2017: I will send you detailed instructions on the new draft. If you have followed my instructions below, then I believe that these instructions will mostly consist of line-by-line changes.

Tuesday, 5/2/2017: Send me your second revision, incorporating my changes of 4/30.

Wednesday, 5/3/2017: If you have implemented my changes from 4/30/2017, then by the end of 5/3/2017 I will give my approval for you to send these two chapters to the departmental copy editors. If you have implemented all of my instructions up to that point, then at that point I will have no further requirements; any further modification of the thesis from that point onward will be a matter between you and the department.