

APPENDIX **A**

Data Tables

This appendix contains 4 tables of ratings that were used in the text to illustrate the implementation of some procedures. Some of these tables were deemed too large to be included in the chapters they were used and are therefore presented here in their entirety. Here are the 4 tables:

- Table [A.1](#) contains rating data on the classification of 29 Stickleback fishes' color displays into 5 intensity Levels, by 4 Experienced Raters.
- Table [A.2](#) contains the distribution of raters by fish (used as subject) and the fish degree of nuptial coloration.
- Table [A.3](#) contains 11 students' linguistics test scores presented in a wide format type.
- Table [A.4](#) contains 11 students' linguistics test scores presented in a long format type.

Table A.1

Classification of 29 Stickleback Fishes' Color Displays into 5 Intensity Levels, by 4 Experienced Raters^a.

Fish	Rater 1	Rater 2	Rater 3	Rater 4
1	5	5	5	5
2	3	1	3	1
3	5	5	5	5
4	3	1	3	1
5	5	5	4	5
6	1	2	3	3
7	3	1	1	1
8	1	1	1	3
9	3	3	4	4
10	1	3	1	1
11	5	5	5	5
12	1	1	1	1
13	1	1	1	1
14	1	1	1	1
15	3	3	4	3
16	1	3	3	4
17	4	4	5	5
18	5	5	5	5
19	5	3	3	3
20	3	2	3	3
21	5	3	5	5
22	3	3	3	4
23	1	1	1	1
24	1	1	1	1
25	1	1	3	3
26	3	3	3	1
27	3	3	1	1
28	3	3	1	1
29	3	3	2	5

^aTo download this table, follow the link <https://agreestat.com/books/cac5/>

Table A.2: Distribution of Raters by Fish and their Degree of Nuptial Coloration

Fish	1	2	3	4	5	Total
1	0	0	0	0	4	4
2	2	0	2	0	0	4
3	0	0	0	0	4	4
4	2	0	2	0	0	4
5	0	0	0	1	3	4
6	1	1	2	0	0	4
7	3	0	1	0	0	4
8	3	0	1	0	0	4
9	0	0	2	2	0	4
10	3	0	1	0	0	4
11	0	0	0	0	4	4
12	4	0	0	0	0	4
13	4	0	0	0	0	4
14	4	0	0	0	0	4
15	0	0	3	1	0	4
16	1	0	2	1	0	4
17	0	0	0	2	2	4
18	0	0	0	0	4	4
19	0	0	3	0	1	4
20	0	1	3	0	0	4
21	0	0	1	0	3	4
22	0	0	3	1	0	4
23	4	0	0	0	0	4
24	4	0	0	0	0	4
25	2	0	2	0	0	4
26	1	0	3	0	0	4
27	2	0	2	0	0	4
28	2	0	2	0	0	4
29	0	1	2	0	1	4

Table A.3: Eleven Students' Linguistics Test Scores in a Wide Format^a

NAME	VERSION	COMPONENT	RATER1	RATER2	RATER3	RATER4
Suzan	M	Grammar	3		3.5	3
Suzan	M	Vocabulary	3		3.5	3.5
Suzan	M	Fluency	3		3.5	3
Suzan	M	Pronunciation	3		3.5	3
Suzan	M	Overall	3		3.5	3
Mary	M	Grammar	4	4	4	
Mary	M	Vocabulary	3.5	4	3.5	
Mary	M	Fluency	3	3.5	3.5	
Mary	M	Pronunciation	3	4	3.5	
Mary	M	Overall	3.5	3.5	3.5	
Lee	M	Grammar		3.5	3.5	3.5
Lee	M	Vocabulary		3.5	3.5	3.5
Lee	M	Fluency		3.5	3.5	3
Lee	M	Pronunciation		3	3.5	3.5
Lee	M	Overall		3.5	3.5	3.5
Amber	VCP	Listening	5	5		5
Amber	VCP	Grammar	5	5		5
Amber	VCP	Vocabulary	5	5		5
Amber	VCP	Fluency	5	5		4.5
Amber	VCP	Pronunciation	5	5		5
Amber	VCP	Overall	5	5		5
Ricardo	VCP	Listening	4.5		5	4.5
Ricardo	VCP	Grammar	4.5		4.5	4
Ricardo	VCP	Vocabulary	4		4.5	4
Ricardo	VCP	Fluency	4		5	4
Ricardo	VCP	Pronunciation	4.5		4.5	4
Ricardo	VCP	Overall	4.5		4.5	4
Lee	VCP	Listening	4.5	5	4.5	
Lee	VCP	Grammar	4.5	4.5	4	
Lee	VCP	Vocabulary	4.5	4.5	4.5	
Lee	VCP	Fluency	4	4.5	4	
Lee	VCP	Pronunciation	5	4.5	4.5	
Lee	VCP	Overall	4.5	4.5	4.5	
Mary	VCP	Listening	4	4.5		4.5
Mary	VCP	Grammar	4	4		4

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^aTo download this table, follow the link <https://agreestat.com/books/cac5/>

Table A.3 – continued from previous page

NAME	VERSION	COMPONENT	RATER1	RATER2	RATER3	RATER4
Mary	VCP	Vocabulary	4	4.5		4.5
Mary	VCP	Fluency	4	4.5		4
Mary	VCP	Pronunciation	4	4.5		4
Mary	VCP	Overall	4	4.5		4.5
Suzan	VCP	Listening	4.5	4.5		4.5
Suzan	VCP	Grammar	4	3.5		4
Suzan	VCP	Vocabulary	3.5	3.5		4
Suzan	VCP	Fluency	3.5	4		4
Suzan	VCP	Pronunciation	3.5	3.5		4
Suzan	VCP	Overall	4	3.5		4
Yin	VCP	Listening		3.5	3.5	4
Yin	VCP	Grammar		4	3.5	3
Yin	VCP	Vocabulary		3.5	3.5	3.5
Yin	VCP	Fluency		3.5	3.5	3.5
Yin	VCP	Pronunciation		3.5	3	3.5
Yin	VCP	Overall		3.5	3.5	3.5
Isaac	VCP	Listening	4.5	4.5	4.5	
Isaac	VCP	Grammar	4.5	4.5	4	
Isaac	VCP	Vocabulary	4.5	4.5	4	
Isaac	VCP	Fluency	4.5	4.5	4.5	
Isaac	VCP	Pronunciation	4.5	4.5	4.5	
Isaac	VCP	Overall	4.5	4.5	4.5	
Viktor	VCP	Listening	4.5	4.5		4.5
Viktor	VCP	Grammar	4.5	4		4
Viktor	VCP	Vocabulary	3.5	4		4.5
Viktor	VCP	Fluency	4	4		4.5
Viktor	VCP	Pronunciation	4	4.5		4.5
Viktor	VCP	Overall	4	4		4.5
David	VCP	Listening	4.5	4.5	4	
David	VCP	Grammar	3.5	4.5	4	
David	VCP	Vocabulary	4	4	4	
David	VCP	Fluency	4	4	4	
David	VCP	Pronunciation	3.5	3.5	3	
David	VCP	Overall	4	4	4	
Yanick	VCP	Listening	4.5	4.5	4	

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^aTo download this table, follow the link <https://agreestat.com/books/cac5/>

Table A.3 – continued from previous page

NAME	VERSION	COMPONENT	RATER1	RATER2	RATER3	RATER4
Yanick	VCP	Grammar	3.5	4	4	
Yanick	VCP	Vocabulary	4	4	3.5	
Yanick	VCP	Fluency	3.5	4.5	4	
Yanick	VCP	Pronunciation	4	3.5	4	
Yanick	VCP	Overall	4	4	4	
Jasmine	VCP	Listening		4.5	4.5	4.5
Jasmine	VCP	Grammar		4.5	4.5	4.5
Jasmine	VCP	Vocabulary		5	4.5	5
Jasmine	VCP	Fluency		4	4.5	4.5
Jasmine	VCP	Pronunciation		4	4	4
Jasmine	VCP	Overall		4.5	4.5	4.5
David	VCE	Listening	4.5	4.5		4.5
David	VCE	Grammar	3.5	4.5		4
David	VCE	Vocabulary	4	4		3.5
David	VCE	Fluency	3.5	3.5		3.5
David	VCE	Pronunciation	3.5	3.5		3.5
David	VCE	Overall	3.5	4		3.5
Amber	VCE	Listening	5	4.5		5
Amber	VCE	Grammar	5	5		5
Amber	VCE	Vocabulary	5	5		5
Amber	VCE	Fluency	5	4		5
Amber	VCE	Pronunciation	5	5		5
Amber	VCE	Overall	5	5		5
Isaac	VCE	Listening	4	4		3.5
Isaac	VCE	Grammar	4	3.5		3.5
Isaac	VCE	Vocabulary	4	3.5		3.5
Isaac	VCE	Fluency	4	4		4
Isaac	VCE	Pronunciation	4	4		4
Isaac	VCE	Overall	4	4		3.5
Mary	VCE	Listening	4	4.5		4.5
Mary	VCE	Grammar	4	4		4
Mary	VCE	Vocabulary	4	4		4
Mary	VCE	Fluency	4	4		4
Mary	VCE	Pronunciation	4	4		4.5
Mary	VCE	Overall	4	4		4

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Table A.3 – continued from previous page

NAME	VERSION	COMPONENT	RATER1	RATER2	RATER3	RATER4
Suzan	VCE	Listening	4		4.5	4
Suzan	VCE	Grammar	3.5		4	3.5
Suzan	VCE	Vocabulary	3.5		4	3.5
Suzan	VCE	Fluency	3.5		4	3.5
Suzan	VCE	Pronunciation	3.5		4	3.5
Suzan	VCE	Overall	3.5		4	3.5
Yin	VCE	Listening		2.5	3	3
Yin	VCE	Grammar		2.5	3	3
Yin	VCE	Vocabulary		2.5	3	3
Yin	VCE	Fluency		2.5	3	2.5
Yin	VCE	Pronunciation		2.5	3	2.5
Yin	VCE	Overall		2.5	3	3
Viktor	VCE	Listening		4.5	4	3.5
Viktor	VCE	Grammar		3.5	3.5	3
Viktor	VCE	Vocabulary		3.5	3	3
Viktor	VCE	Fluency		3	3.5	3
Viktor	VCE	Pronunciation		3	3.5	3
Viktor	VCE	Overall		3.5	3.5	3.5

^aTo download this table, follow the link <https://agreestat.com/books/cac5/>

Table A.4: Eleven Students' Linguistics Test Scores in a Long Format^a

NAME	VERSION	RATER	FLUENCY	GRAMMAR	LISTEN	OVERALL	PRONU	VOCAB
Suzan	M	Rater 1	3	3		3	3	3
Suzan	M	Rater 3	3.5	3.5		3.5	3.5	3.5
Suzan	M	Rater 4	3	3		3	3	3.5
Mary	M	Rater 1	3	4		3.5	3	3.5
Mary	M	Rater 2	3.5	4		3.5	4	4
Mary	M	Rater 3	3.5	4		3.5	3.5	3.5
Lee	M	Rater 2	3.5	3.5		3.5	3	3.5
Lee	M	Rater 3	3.5	3.5		3.5	3.5	3.5
Lee	M	Rater 4	3	3.5		3.5	3.5	3.5
Amber	VCP	Rater 1	5	5	5	5	5	5
Amber	VCP	Rater 2	5	5	5	5	5	5
Amber	VCP	Rater 4	4.5	5	5	5	5	5
Ricardo	VCP	Rater 1	4	4.5	4.5	4.5	4.5	4
Ricardo	VCP	Rater 3	5	4.5	5	4.5	4.5	4.5
Ricardo	VCP	Rater 4	4	4	4.5	4	4	4
Lee	VCP	Rater 1	4	4.5	4.5	4.5	5	4.5
Lee	VCP	Rater 2	4.5	4.5	5	4.5	4.5	4.5
Lee	VCP	Rater 3	4	4	4.5	4.5	4.5	4.5
Mary	VCP	Rater 1	4	4	4	4	4	4
Mary	VCP	Rater 2	4.5	4	4.5	4.5	4.5	4.5
Mary	VCP	Rater 4	4	4	4.5	4.5	4	4.5
Suzan	VCP	Rater 1	3.5	4	4.5	4	3.5	3.5
Suzan	VCP	Rater 2	4	3.5	4.5	3.5	3.5	3.5
Suzan	VCP	Rater 4	4	4	4.5	4	4	4
Yin	VCP	Rater 2	3.5	4	3.5	3.5	3.5	3.5
Yin	VCP	Rater 3	3.5	3.5	3.5	3.5	3	3.5
Yin	VCP	Rater 4	3.5	3	4	3.5	3.5	3.5
Isaac	VCP	Rater 1	4.5	4.5	4.5	4.5	4.5	4.5
Isaac	VCP	Rater 2	4.5	4.5	4.5	4.5	4.5	4.5
Isaac	VCP	Rater 3	4.5	4	4.5	4.5	4.5	4
Viktor	VCP	Rater 1	4	4.5	4.5	4	4	3.5
Viktor	VCP	Rater 2	4	4	4.5	4	4.5	4
Viktor	VCP	Rater 4	4.5	4	4.5	4.5	4.5	4.5
David	VCP	Rater 1	4	3.5	4.5	4	3.5	4
David	VCP	Rater 2	4	4.5	4.5	4	3.5	4

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^aThis table can be downloaded at the following URL: <https://agreestat.com/books/cac5/>

Table A.4 – continued from previous page

NAME	VERSION	RATER	FLUENCY	GRAMMAR	LISTEN	OVERALL	PRONU	VOCAB
Yanick	VCP	Rater 1	3.5	3.5	4.5	4	4	4
Yanick	VCP	Rater 2	4.5	4	4.5	4	3.5	4
Yanick	VCP	Rater 3	4	4	4	4	4	3.5
Jasmine	VCP	Rater 2	4	4.5	4.5	4.5	4	5
Jasmine	VCP	Rater 3	4.5	4.5	4.5	4.5	4	4.5
Jasmine	VCP	Rater 4	4.5	4.5	4.5	4.5	4	5
David	VCE	Rater 1	3.5	3.5	4.5	3.5	3.5	4
David	VCE	Rater 2	3.5	4.5	4.5	4	3.5	4
David	VCE	Rater 4	3.5	4	4.5	3.5	3.5	3.5
Amber	VCE	Rater 1	5	5	5	5	5	5
Amber	VCE	Rater 2	4	5	4.5	5	5	5
Amber	VCE	Rater 4	5	5	5	5	5	5
Isaac	VCE	Rater 1	4	4	4	4	4	4
Isaac	VCE	Rater 2	4	3.5	4	4	4	3.5
Isaac	VCE	Rater 4	4	3.5	3.5	3.5	4	3.5
Mary	VCE	Rater 1	4	4	4	4	4	4
Mary	VCE	Rater 2	4	4	4.5	4	4	4
Mary	VCE	Rater 4	4	4	4.5	4	4.5	4
Suzan	VCE	Rater 1	3.5	3.5	4	3.5	3.5	3.5
Suzan	VCE	Rater 3	4	4	4.5	4	4	4
Suzan	VCE	Rater 4	3.5	3.5	4	3.5	3.5	3.5
Yin	VCE	Rater 2	2.5	2.5	2.5	2.5	2.5	2.5
Yin	VCE	Rater 3	3	3	3	3	3	3
Yin	VCE	Rater 4	2.5	3	3	3	2.5	3
Viktor	VCE	Rater 2	3	3.5	4.5	3.5	3	3.5
Viktor	VCE	Rater 3	3.5	3.5	4	3.5	3.5	3
Viktor	VCE	Rater 4	3	3	3.5	3.5	3	3

^aTo download this table, follow the link <https://agreestat.com/books/cac5/>