

STUDENT SURVEY

1. What is your current degree objective?
 None
 MPH
 MA/MS
 PhD/DrPH
 Other (Please specify: _____)

2. What year are you?
 1st
 2nd
 3rd
 4th
 5th
 6th or more
 Does not apply

3. Have you taken any other courses that used SAS as part of the curriculum (check all that apply):
 Biostatistics 403A
 Biostatistics 406
 Epidemiology 410
 Other (specify): _____

4. Have you taken any of the following courses?
 Statistics/Biostatistics courses
 Epidemiology courses
 Environmental Health courses
 Community Health Science courses
 Health Services courses

5. How much SAS experience do you have?
 No experience whatsoever
 A little experience
 Some experience
 A good bit of experience
 A lot of experience

6. If you have had experience with SAS, what version(s) have you used? (check all that apply)

- () 8
() 9.1
() 9.2
() 9.3
() 9.4
() 9.5
 University Edition
 Enterprise Guide
 I have never used SAS before

7. Have you ever taken SAS class from the SAS Institute (e.g., at the Burbank or Irvine locations)?

- () Yes, I took: _____
() Yes, but I don't remember
 No
() I don't remember

8a. Do you have a dataset to work with?

- () Yes
 No

8b. Do you currently working with a dataset?

- () Yes
 No

9. On the scale from 0 (not at all) to 10 (often), how often do you expect to use SAS in the future?

- a. In school? 5.
b. On the job? 3.

10a. Will you need SAS to complete your MPH/MS project or dissertation?

- Yes
() No
() I don't know

10b. Have you ever heard of the SAS Certification Exam?

- () Yes
 No
() I don't know

11. Where did you hear about EPID M403? (Check all that apply)

- () Friend(s)
() Graduate advisor(s)
() Employer(s)
() Parent(s)
() Flyer(s)
() Course requirement
() Other (Please specify: _____)

12. What grade do you think you will receive in this class?

- () A
() B
() C
() D or worse
() I don't know

13. What would you like to do after graduation?

Become a doctor & researcher

14. Are you planning to seek employment at... (check all that apply)

- () A local health department?
() The Centers for Disease Control and Prevention?
() A pharmaceutical company?
() Community-based organization?
() College/University?
() Other (Please specify: medical center)

15. Have you ever prepared a codebook (i.e., data dictionary)?

- () Yes
() No

16a. Have you ever prepared a conference abstract?

- () Yes
() No

16b. Have you ever presented a(n) abstract/paper at a scientific conference?

- () Yes
() No

16c. Have you ever prepared a manuscript for publication in a peer-reviewed journal?

- () Yes
() No

16d. Have you ever appeared as a coauthor on a manuscript in a peer-reviewed journal?

- () Yes
() No

17. How often do you use the following software packages?

	Always	Often	Sometimes	Never
Microsoft Access (check one)	(<input type="checkbox"/>)	(<input type="checkbox"/>)	(<input type="checkbox"/>)	(<input checked="" type="checkbox"/>)
Microsoft Excel (check one)	(<input type="checkbox"/>)	(<input type="checkbox"/>)	(<input checked="" type="checkbox"/>)	(<input type="checkbox"/>)
R (check one)	(<input type="checkbox"/>)	(<input type="checkbox"/>)	(<input type="checkbox"/>)	(<input checked="" type="checkbox"/>)
STATA (check one)	(<input type="checkbox"/>)	(<input type="checkbox"/>)	(<input type="checkbox"/>)	(<input checked="" type="checkbox"/>)
SurveyMonkey (check one)	(<input type="checkbox"/>)	(<input type="checkbox"/>)	(<input checked="" type="checkbox"/>)	(<input type="checkbox"/>)
SPSS (check one)	(<input type="checkbox"/>)	(<input type="checkbox"/>)	(<input type="checkbox"/>)	(<input checked="" type="checkbox"/>)
ArcGIS (check one)	(<input type="checkbox"/>)	(<input type="checkbox"/>)	(<input type="checkbox"/>)	(<input checked="" type="checkbox"/>)
EpiInfo (check one)	(<input type="checkbox"/>)	(<input type="checkbox"/>)	(<input type="checkbox"/>)	(<input checked="" type="checkbox"/>)
SAS (check one)	(<input type="checkbox"/>)	(<input type="checkbox"/>)	(<input type="checkbox"/>)	(<input checked="" type="checkbox"/>)

18. Please tell us what you know about the following statistical tests:

<u>Statistical test</u>	<u>How you ever heard of...?</u> (circle one)	<u>Have you ever used...?</u> (circle one)
a. Pearson's chi-square test	<input checked="" type="radio"/> Y <input type="radio"/> N	<input type="radio"/> Y <input checked="" type="radio"/> N
b. Mantel-Haenszel chi-square test	<input checked="" type="radio"/> Y <input type="radio"/> N	<input type="radio"/> Y <input checked="" type="radio"/> N
c. Student's T-test	<input checked="" type="radio"/> Y <input type="radio"/> N	<input type="radio"/> Y <input checked="" type="radio"/> N
d. McNemar test	<input checked="" type="radio"/> Y <input type="radio"/> N	<input type="radio"/> Y <input checked="" type="radio"/> N
e. ANOVA	<input checked="" type="radio"/> Y <input type="radio"/> N	<input type="radio"/> Y <input checked="" type="radio"/> N
f. Exact tests	<input checked="" type="radio"/> Y <input type="radio"/> N	<input type="radio"/> Y <input checked="" type="radio"/> N
g. Linear regression	<input checked="" type="radio"/> Y <input type="radio"/> N	<input type="radio"/> Y <input checked="" type="radio"/> N

<u>Statistical test</u>	How you ever heard of...? (circle one)	Have you ever used...? (circle one)
h. Logistic regression	Y N	Y N
i. Poisson regression	Y N	Y N
j. Negative binomial regression	Y N	Y N
k. Polytomous regression	Y N	Y N

19. Please tell us what you know about these SAS DATA and PROC statements:

<u>SAS KEYWORDS</u>	How you ever heard of...? (circle one)	Have you ever used...? (circle one)
a. PROC SGPLOT	Y N	Y N
b. Position option in PROC CONTENTS	Y N	Y N
c. %LET	Y N	Y N
d. Libname	Y N	Y N
e. PROC CONTENTS	Y N	Y N
f. Z5. format	Y N	Y N
g. CMH option	Y N	Y N
h. Update keyword	Y N	Y N
i. Column input	Y N	Y N
j. WEEKDATE.	Y N	Y N
k. PROC TABULATE	Y N	Y N
l. PROC LOGISTIC	Y N	Y N
m. Output delivery system (ODS)	Y N	Y N
n. CATX function	Y N	Y N
o. FIRTH option	Y N	Y N

20a. Are you interest in doing an internship at the Los Angeles County Department of Public Health (DPH)?

- () Yes
 (✓) No
 () I've already done one at DPH

20b. Are you seeking any internships that require you to know SAS?

- () Yes
() No

20c. Are you seeking any jobs that require you to know SAS?

- () Yes
() No

20d. Do you plan to seek employment at the Los Angeles County Department of Public Health (LACDPH)?

- () Yes
() No
() I already work at LACDPH

21. State the reason(s) why you are taking this course: (Check all that apply)

- () It's required
() I need it to get a(n) job/internship
() I am taking it for fun
() My advisor told me to take this course
() Other: _____
- _____
- _____

22. List other courses in data analysis you would like UCLA SPH to offer:

- a.
b.
c.
d.

STUDENT SURVEY

1. What is your current degree objective?
 None
 MPH
 MA/MS
 PhD/DrPH
 Other (Please specify: MD/MBA (1 yr))
2. What year are you?
 1st
 2nd
 3rd
 4th
 5th
 6th or more
 Does not apply
3. Have you taken any other courses that used SAS as part of the curriculum (check all that apply):
 Biostatistics 403A
 Biostatistics 406
 Epidemiology 410
 Other (specify): _____
4. Have you taken any of the following courses?
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 Environmental Health courses
 Community Health Science courses
 Health Services courses
5. How much SAS experience do you have?
 No experience whatsoever
 A little experience
 Some experience
 A good bit of experience
 A lot of experience

6. If you have had experience with SAS, what version(s) have you used? (check all that apply)
- () 8
() 9.1
() 9.2
() 9.3
() 9.4
() 9.5
() University Edition
() Enterprise Guide
() I have never used SAS before
7. Have you ever taken SAS class from the SAS Institute (e.g., at the Burbank or Irvine locations)?
- () Yes, I took: _____
() Yes, but I don't remember
() No
() I don't remember
- 8a. Do you have a dataset to work with?
- () Yes
() No
- 8b. Do you currently working with a dataset?
- () Yes
() No
9. On the scale from 0 (not at all) to 10 (often), how often do you expect to use SAS in the future?
- a. In school? 9.
b. On the job? 5.
- 10a. Will you need SAS to complete your MPH/MS project or dissertation?
- () Yes
() No
() I don't know
- 10b. Have you ever heard of the SAS Certification Exam?
- () Yes
() No
() I don't know

11. Where did you hear about EPID M403? (Check all that apply)
- () Friend(s)
() Graduate advisor(s)
() Employer(s)
() Parent(s)
() Flyer(s)
() Course requirement
() Other (Please specify: _____)

12. What grade do you think you will receive in this class?

- () A
() B
() C
() D or worse
() I don't know

13. What would you like to do after graduation?

Be an internal medicine in a LA County hospital program (Olive View, Harbor LAC USC), where I can continue my epi/health rows research with county yrs data

14. Are you planning to seek employment at... (check all that apply)

- () A local health department?
() The Centers for Disease Control and Prevention?
() A pharmaceutical company?
() Community-based organization?
() College/University?
() Other (Please specify: County hospital)

15. Have you ever prepared a codebook (i.e., data dictionary)?

- () Yes
() No

- 16a. Have you ever prepared a conference abstract?

- () Yes
() No

16b. Have you ever presented a(n) abstract/paper at a scientific conference?

(Yes
(No)

16c. Have you ever prepared a manuscript for publication in a peer-reviewed journal?

(Yes
(No)

16d. Have you ever appeared as a coauthor on a manuscript in a peer-reviewed journal?

(Yes
(No)

17. How often do you use the following software packages?

	Always	Often	Sometimes	Never
Microsoft Access (check one)	(<input type="checkbox"/>)	(<input type="checkbox"/>)	(<input type="checkbox"/>)	(<input checked="" type="checkbox"/>)
Microsoft Excel (check one)	(<input type="checkbox"/>)	(<input checked="" type="checkbox"/>)	(<input type="checkbox"/>)	(<input type="checkbox"/>)
R (check one)	(<input type="checkbox"/>)	(<input type="checkbox"/>)	(<input type="checkbox"/>)	(<input checked="" type="checkbox"/>)
STATA (check one)	(<input type="checkbox"/>)	(<input type="checkbox"/>)	(<input checked="" type="checkbox"/>)	(<input type="checkbox"/>)
SurveyMonkey (check one)	(<input type="checkbox"/>)	(<input type="checkbox"/>)	(<input checked="" type="checkbox"/>)	(<input type="checkbox"/>)
SPSS (check one)	(<input type="checkbox"/>)	(<input type="checkbox"/>)	(<input type="checkbox"/>)	(<input checked="" type="checkbox"/>)
ArcGIS (check one)	(<input type="checkbox"/>)	(<input type="checkbox"/>)	(<input checked="" type="checkbox"/>)	(<input type="checkbox"/>)
EpiInfo (check one)	(<input type="checkbox"/>)	(<input type="checkbox"/>)	(<input type="checkbox"/>)	(<input checked="" type="checkbox"/>)
SAS (check one)	(<input type="checkbox"/>)	(<input type="checkbox"/>)	(<input type="checkbox"/>)	(<input checked="" type="checkbox"/>)

18. Please tell us what you know about the following statistical tests:

<u>Statistical test</u>	How you ever heard of...? (circle one)	Have you ever used...? (circle one)
a. Pearson's chi-square test	(Y) N	(Y) (<input checked="" type="checkbox"/>)
b. Mantel-Haenszel chi-square test	Y (<input checked="" type="checkbox"/>)	Y (<input checked="" type="checkbox"/>)
c. Student's T-test	(Y) N	Y (<input checked="" type="checkbox"/>)
d. McNemar test	Y (<input checked="" type="checkbox"/>)	Y (<input checked="" type="checkbox"/>)
e. ANOVA	(Y) N	Y (<input checked="" type="checkbox"/>)
f. Exact tests	Y (<input checked="" type="checkbox"/>)	Y (<input checked="" type="checkbox"/>)
g. Linear regression	(Y) N	(Y) N

<u>Statistical test</u>	How you ever heard of...? (circle one)	Have you ever used...? (circle one)
h. Logistic regression	Y N	Y N
i. Poisson regression	Y N	Y N
j. Negative binomial regression	Y N	Y N
k. Polytomous regression	Y N	Y N

19. Please tell us what you know about these SAS DATA and PROC statements:

<u>SAS KEYWORDS</u>	How you ever heard of...? (circle one)	Have you ever used...? (circle one)
a. PROC SGPlot	Y N	Y N
b. Position option in PROC CONTENTS	Y N	Y N
c. %LET	Y N	Y N
d. Libname	Y N	Y N
e. PROC CONTENTS	Y N	Y N
f. Z5. format	Y N	Y N
g. CMH option	Y N	Y N
h. Update keyword	Y N	Y N
i. Column input	Y N	Y N
j. WEEKDATE.	Y N	Y N
k. PROC TABULATE	Y N	Y N
l. PROC LOGISTIC	Y N	Y N
m. Output delivery system (ODS)	Y N	Y N
n. CATX function	Y N	Y N
o. FIRTH option	Y N	Y N

20a. Are you interest in doing an internship at the Los Angeles County Department of Public Health (DPH)?

() Yes

(✓) No

() I've already done one at DPH

20b. Are you seeking any internships that require you to know SAS?

- Yes
 No

20c. Are you seeking any jobs that require you to know SAS?

- Yes
 No

20d. Do you plan to seek employment at the Los Angeles County Department of Public Health (LACDPH)?

- Yes
 No
 I already work at LACDPH

21. State the reason(s) why you are taking this course: (Check all that apply)

- It's required
 I need it to get a(n) job/internship
 I am taking it for fun
 My advisor told me to take this course
 Other:

Nearst to do epidemiologic research w/ county data

22. List other courses in data analysis you would like UCLA SPH to offer:

- a.
b.
c.
d.

STUDENT SURVEY

1. What is your current degree objective?

- () None
() MPH
() MA/MS
() PhD/DrPH
() Other (Please specify): _____

2. What year are you?

- () 1st
() 2nd
() 3rd
() 4th
() 5th
() 6th or more
() Does not apply

3. Have you taken any other courses that used SAS as part of the curriculum (check all that apply):

- () Biostatistics 403A
() Biostatistics 406
() Epidemiology 410
() Other (specify): None

4. Have you taken any of the following courses?

- () Statistics/Biostatistics courses
() Epidemiology courses
() Environmental Health courses
() Community Health Science courses
() Health Services courses

None

5. How much SAS experience do you have?

- () No experience whatsoever
() A little experience
() Some experience
() A good bit of experience
() A lot of experience

6. If you have had experience with SAS, what version(s) have you used? (check all that apply)
- () 8
() 9.1
() 9.2
() 9.3
() 9.4
() 9.5
() University Edition
() Enterprise Guide
(✓) I have never used SAS before
7. Have you ever taken SAS class from the SAS Institute (e.g., at the Burbank or Irvine locations)?
() Yes, I took: _____
() Yes, but I don't remember
(✗) No
() I don't remember
- 8a. Do you have a dataset to work with?
() Yes
(✓) No
- 8b. Do you currently working with a dataset?
() Yes
(✓) No
9. On the scale from 0 (not at all) to 10 (often), how often do you expect to use SAS in the future?
- a. In school? 8.
b. On the job? 8.
- 10a. Will you need SAS to complete your MPH/MS project or dissertation?
(✓) Yes
() No
() I don't know
- 10b. Have you ever heard of the SAS Certification Exam?
(✓) Yes
(✓) No
() I don't know

11. Where did you hear about EPID M403? (Check all that apply)

- () Friend(s)
() Graduate advisor(s)
() Employer(s)
() Parent(s)
() Flyer(s)
() Course requirement
() Other (Please specify: _____)

12. What grade do you think you will receive in this class?

- () A
() B
() C
() D or worse
() I don't know

13. What would you like to do after graduation?

14. Are you planning to seek employment at... (check all that apply)

- () A local health department?
() The Centers for Disease Control and Prevention?
() A pharmaceutical company?
() Community-based organization?
() College/University?
() Other (Please specify: _____)

15. Have you ever prepared a codebook (i.e., data dictionary)?

- () Yes
() No

16a. Have you ever prepared a conference abstract?

- () Yes
() No

16b. Have you ever presented a(n) abstract/paper at a scientific conference?

- () Yes
() No

16c. Have you ever prepared a manuscript for publication in a peer-reviewed journal?

- () Yes
() No

16d. Have you ever appeared as a coauthor on a manuscript in a peer-reviewed journal?

- () Yes
() No

17. How often do you use the following software packages?

	Always	Often	Sometimes	Never
Microsoft Access (check one)	(<input checked="" type="checkbox"/>)	(<input type="checkbox"/>)	(<input type="checkbox"/>)	(<input type="checkbox"/>)
Microsoft Excel (check one)	(<input type="checkbox"/>)	(<input checked="" type="checkbox"/>)	(<input type="checkbox"/>)	(<input type="checkbox"/>)
R (check one)	(<input type="checkbox"/>)	(<input type="checkbox"/>)	(<input type="checkbox"/>)	(<input checked="" type="checkbox"/>)
STATA (check one)	(<input type="checkbox"/>)	(<input type="checkbox"/>)	(<input checked="" type="checkbox"/>)	(<input checked="" type="checkbox"/>)
SurveyMonkey (check one)	(<input type="checkbox"/>)	(<input type="checkbox"/>)	(<input checked="" type="checkbox"/>)	(<input type="checkbox"/>)
SPSS (check one)	(<input type="checkbox"/>)	(<input type="checkbox"/>)	(<input checked="" type="checkbox"/>)	(<input type="checkbox"/>)
ArcGIS (check one)	(<input type="checkbox"/>)	(<input type="checkbox"/>)	(<input type="checkbox"/>)	(<input checked="" type="checkbox"/>)
EpiInfo (check one)	(<input type="checkbox"/>)	(<input type="checkbox"/>)	(<input type="checkbox"/>)	(<input checked="" type="checkbox"/>)
SAS (check one)	(<input type="checkbox"/>)	(<input type="checkbox"/>)	(<input type="checkbox"/>)	(<input checked="" type="checkbox"/>)

18. Please tell us what you know about the following statistical tests:

<u>Statistical test</u>	How you ever heard of...? (circle one)	Have you ever used...? (circle one)
a. Pearson's chi-square test	Y N	Y N
b. Mantel-Haenszel chi-square test	Y N	Y N
c. Student's T-test	Y N	Y N
d. McNemar test	Y N	Y N
e. ANOVA	Y N	Y N
f. Exact tests	Y N	Y N
g. Linear regression	Y N	Y N

<u>Statistical test</u>	How you ever heard of...? (circle one)	Have you ever used...? (circle one)
h. Logistic regression	Y <input checked="" type="radio"/> N	Y <input checked="" type="radio"/> N
i. Poisson regression	<input checked="" type="radio"/> Y N	<input checked="" type="radio"/> Y N
j. Negative binomial regression	<input checked="" type="radio"/> Y N	<input checked="" type="radio"/> Y N
k. Polytomous regression	Y <input checked="" type="radio"/> N	Y <input checked="" type="radio"/> N

19. Please tell us what you know about these SAS DATA and PROC statements:

<u>SAS KEYWORDS</u>	How you ever heard of...? (circle one)	Have you ever used...? (circle one)
a. PROC SGPlot	Y <input checked="" type="radio"/> N	Y <input checked="" type="radio"/> N
b. Position option in PROC CONTENTS	Y <input checked="" type="radio"/> N	Y <input checked="" type="radio"/> N
c. %LET	Y <input checked="" type="radio"/> N	Y <input checked="" type="radio"/> N
d. Libname	Y <input checked="" type="radio"/> N	Y <input checked="" type="radio"/> N
e. PROC CONTENTS	Y <input checked="" type="radio"/> N	Y <input checked="" type="radio"/> N
f. Z5. format	Y <input checked="" type="radio"/> N	Y <input checked="" type="radio"/> N
g. CMH option	Y <input checked="" type="radio"/> N	Y <input checked="" type="radio"/> N
h. Update keyword	Y <input checked="" type="radio"/> N	Y <input checked="" type="radio"/> N
i. Column input	Y <input checked="" type="radio"/> N	Y <input checked="" type="radio"/> N
j. WEEKDATE.	Y <input checked="" type="radio"/> N	Y <input checked="" type="radio"/> N
k. PROC TABULATE	Y <input checked="" type="radio"/> N	Y <input checked="" type="radio"/> N
l. PROC LOGISTIC	Y <input checked="" type="radio"/> N	Y <input checked="" type="radio"/> N
m. Output delivery system (ODS)	Y <input checked="" type="radio"/> N	Y <input checked="" type="radio"/> N
n. CATX function	Y <input checked="" type="radio"/> N	Y <input checked="" type="radio"/> N
o. FIRTH option	Y <input checked="" type="radio"/> N	Y <input checked="" type="radio"/> N

20a. Are you interest in doing an internship at the Los Angeles County Department of Public Health (DPH)?

() Yes

(✓) No

() I've already done one at DPH

20b. Are you seeking any internships that require you to know SAS?

- Yes
 No

20c. Are you seeking any jobs that require you to know SAS?

- Yes
 No

20d. Do you plan to seek employment at the Los Angeles County Department of Public Health (LACDPH)?

- Yes
 No
 I already work at LACDPH

21. State the reason(s) why you are taking this course: (Check all that apply)

- It's required
 I need it to get a(n) job/internship
 I am taking it for fun
 My advisor told me to take this course
 Other: _____

22. List other courses in data analysis you would like UCLA SPH to offer:

- a. ~~data python~~
b.
c. R
d.

STUDENT SURVEY

1. What is your current degree objective?

- () None
() MPH
() MA/MS
() PhD/DrPH
() Other (Please specify: _____)

2. What year are you?

- () 1st
() 2nd
() 3rd
() 4th
() 5th
() 6th or more
() Does not apply

3. Have you taken any other courses that used SAS as part of the curriculum (check all that apply):

- () Biostatistics 403A
() Biostatistics 406
() Epidemiology 410
() Other (specify): Never

4. Have you taken any of the following courses?

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() Community Health Science courses
() Health Services courses

5. How much SAS experience do you have?

- () No experience whatsoever
() A little experience
() Some experience
() A good bit of experience
() A lot of experience

6. If you have had experience with SAS, what version(s) have you used? (check all that apply)
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() 9.1
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(✓) I have never used SAS before
7. Have you ever taken SAS class from the SAS Institute (e.g., at the Burbank or Irvine locations)?
- () Yes, I took: _____
() Yes, but I don't remember
(✓) No
() I don't remember
- 8a. Do you have a dataset to work with?
- (✓) Yes
() No
- 8b. Do you currently working with a dataset?
- (✓) Yes
() No
9. On the scale from 0 (not at all) to 10 (often), how often do you expect to use SAS in the future?
- a. In school? 8.
b. On the job? 7.
- 10a. Will you need SAS to complete your MPH/MS project or dissertation?
- (✓) Yes
() No
() I don't know
- 10b. Have you ever heard of the SAS Certification Exam?
- () Yes
(✓) No
() I don't know

11. Where did you hear about EPID M403? (Check all that apply)

- () Friend(s)
() Graduate advisor(s)
() Employer(s)
() Parent(s)
() Flyer(s)
() Course requirement
() Other (Please specify: _____)

12. What grade do you think you will receive in this class?

- () A
() B
() C
() D or worse
() I don't know

13. What would you like to do after graduation?

Medical Doctor doing epidemiological Research

14. Are you planning to seek employment at... (check all that apply)

- () A local health department?
() The Centers for Disease Control and Prevention?
() A pharmaceutical company?
() Community-based organization?
() College/University?
() Other (Please specify: Hospital Medical Center)

15. Have you ever prepared a codebook (i.e., data dictionary)?

- () Yes
() No

16a. Have you ever prepared a conference abstract?

- () Yes
() No

16b. Have you ever presented a(n) abstract/paper at a scientific conference?

- () Yes
() No

16c. Have you ever prepared a manuscript for publication in a peer-reviewed journal?

- () Yes
() No

16d. Have you ever appeared as a coauthor on a manuscript in a peer-reviewed journal?

- () Yes
() No

17. How often do you use the following software packages?

	Always	Often	Sometimes	Never
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Microsoft Excel (check one)	(<input type="checkbox"/>)	(<input type="checkbox"/>)	(<input checked="" type="checkbox"/>)	(<input type="checkbox"/>)
R (check one)	(<input type="checkbox"/>)	(<input type="checkbox"/>)	(<input checked="" type="checkbox"/>)	(<input type="checkbox"/>)
STATA (check one)	(<input type="checkbox"/>)	(<input type="checkbox"/>)	(<input checked="" type="checkbox"/>)	(<input type="checkbox"/>)
SurveyMonkey (check one)	(<input type="checkbox"/>)	(<input type="checkbox"/>)	(<input checked="" type="checkbox"/>)	(<input type="checkbox"/>)
SPSS (check one)	(<input type="checkbox"/>)	(<input type="checkbox"/>)	(<input type="checkbox"/>)	(<input checked="" type="checkbox"/>)
ArcGIS (check one)	(<input type="checkbox"/>)	(<input type="checkbox"/>)	(<input type="checkbox"/>)	(<input checked="" type="checkbox"/>)
EpiInfo (check one)	(<input type="checkbox"/>)	(<input type="checkbox"/>)	(<input type="checkbox"/>)	(<input checked="" type="checkbox"/>)
SAS (check one)	(<input type="checkbox"/>)	(<input type="checkbox"/>)	(<input type="checkbox"/>)	(<input checked="" type="checkbox"/>)

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<u>Statistical test</u>	How you ever heard of...? (circle one)	Have you ever used...? (circle one)
a. Pearson's chi-square test	(Y) N	(Y) N
b. Mantel-Haenszel chi-square test	(Y) N	(Y) N
c. Student's T-test	(Y) N	(Y) N
d. McNemar test	(Y) N	Y (<input checked="" type="checkbox"/>)
e. ANOVA	(Y) N	(Y) N
f. Exact tests	(Y) N	(Y) N
g. Linear regression	(Y) N	(Y) N

<u>Statistical test</u>	How you ever heard of...? (circle one)	Have you ever used...? (circle one)
h. Logistic regression	(Y) N	(Y) N
i. Poisson regression	(Y) N	(Y) N
j. Negative binomial regression	Y (N)	Y (N)
k. Polytomous regression	(Y) N	(Y) N

19. Please tell us what you know about these SAS DATA and PROC statements:

<u>SAS KEYWORDS</u>	How you ever heard of...? (circle one)	Have you ever used...? (circle one)
a. PROC SGPlot	Y (N)	Y (N)
b. Position option in PROC CONTENTS	Y (N)	Y (N)
c. %LET	Y (N)	Y (N)
d. Libname	Y (N)	Y (N)
e. PROC CONTENTS	Y (N)	Y (N)
f. Z5. format	Y (N)	Y (N)
g. CMH option	Y (N)	Y (N)
h. Update keyword	Y (N)	Y (N)
i. Column input	Y (N)	Y (N)
j. WEEKDATE.	Y (N)	Y (N)
k. PROC TABULATE	Y (N)	Y (N)
l. PROC LOGISTIC	Y (N)	Y (N)
m. Output delivery system (ODS)	Y (N)	Y (N)
n. CATX function	Y (N)	Y (N)
o. FIRTH option	Y (N)	Y (N)

20a. Are you interest in doing an internship at the Los Angeles County Department of Public Health (DPH)?

() Yes

(✓) No

() I've already done one at DPH

- 20b. Are you seeking any internships that require you to know SAS?
 Yes
 No
- 20c. Are you seeking any jobs that require you to know SAS?
 Yes
 No
- 20d. Do you plan to seek employment at the Los Angeles County Department of Public Health (LACDPH)?
 Yes
 No
 I already work at LACDPH
21. State the reason(s) why you are taking this course: (Check all that apply)
- It's required
 I need it to get a(n) job/internship
 I am taking it for fun
 My advisor told me to take this course
 Other: I need to know at least "something" of statistical softwares, which I believe is my goal in this program and try to analyze the dataset independently
22. List other courses in data analysis you would like UCLA SPH to offer:
- a. STATA
 - b. R
 - c. Python
 - d.

STUDENT SURVEY

1. What is your current degree objective?
 None
 MPH
 MA/MS
 PhD/DrPH
 Other (Please specify: _____)

2. What year are you?
 1st
 2nd
 3rd
 4th
 5th
 6th or more
 Does not apply

3. Have you taken any other courses that used SAS as part of the curriculum (check all that apply):
 Biostatistics 403A
 Biostatistics 406
 Epidemiology 410
 Other (specify): _____

4. Have you taken any of the following courses?
 Statistics/Biostatistics courses
 Epidemiology courses
 Environmental Health courses
 Community Health Science courses
 Health Services courses

5. How much SAS experience do you have?
 No experience whatsoever
 A little experience
 Some experience
 A good bit of experience
 A lot of experience

6. If you have had experience with SAS, what version(s) have you used? (check all that apply)

- () 8
() 9.1
() 9.2
() 9.3
() 9.4
() 9.5
() University Edition
() Enterprise Guide
 I have never used SAS before

7. Have you ever taken SAS class from the SAS Institute (e.g., at the Burbank or Irvine locations)?

- () Yes, I took: _____
() Yes, but I don't remember
 No
() I don't remember

8a. Do you have a dataset to work with?

- () Yes
 No

8b. Do you currently working with a dataset?

- () Yes
 No

9. On the scale from 0 (not at all) to 10 (often), how often do you expect to use SAS in the future?

- a. In school? ____.
b. On the job? ____.

10a. Will you need SAS to complete your MPH/MS project or dissertation?

- () Yes
() No
 I don't know

10b. Have you ever heard of the SAS Certification Exam?

- () Yes
 No
() I don't know

11. Where did you hear about EPID M403? (Check all that apply)
- () Friend(s)
() Graduate advisor(s)
() Employer(s)
() Parent(s)
() Flyer(s)
() Course requirement
() Other (Please specify: _____)

12. What grade do you think you will receive in this class?
- () A
() B
() C
() D or worse
() I don't know

13. What would you like to do after graduation?
Not sure yet.
-
-
-
-

14. Are you planning to seek employment at... (check all that apply)
- () A local health department?
() The Centers for Disease Control and Prevention?
() A pharmaceutical company?
() Community-based organization?
() College/University?
() Other (Please specify: _____)

15. Have you ever prepared a codebook (i.e., data dictionary)?
- () Yes
() No

- 16a. Have you ever prepared a conference abstract?
- () Yes
() No

16b. Have you ever presented a(n) abstract/paper at a scientific conference?

- () Yes
() No

16c. Have you ever prepared a manuscript for publication in a peer-reviewed journal?

- () Yes
() No

16d. Have you ever appeared as a coauthor on a manuscript in a peer-reviewed journal?

- () Yes
() No

17. How often do you use the following software packages?

	Always	Often	Sometimes	Never
Microsoft Access (check one)	(<input type="checkbox"/>)	(<input type="checkbox"/>)	(<input type="checkbox"/>)	(<input checked="" type="checkbox"/>)
Microsoft Excel (check one)	(<input type="checkbox"/>)	(<input type="checkbox"/>)	(<input checked="" type="checkbox"/>)	(<input type="checkbox"/>)
R (check one)	(<input type="checkbox"/>)	(<input type="checkbox"/>)	(<input type="checkbox"/>)	(<input checked="" type="checkbox"/>)
STATA (check one)	(<input type="checkbox"/>)	(<input type="checkbox"/>)	(<input type="checkbox"/>)	(<input checked="" type="checkbox"/>)
SurveyMonkey (check one)	(<input type="checkbox"/>)	(<input type="checkbox"/>)	(<input checked="" type="checkbox"/>)	(<input type="checkbox"/>)
SPSS (check one)	(<input type="checkbox"/>)	(<input type="checkbox"/>)	(<input type="checkbox"/>)	(<input checked="" type="checkbox"/>)
ArcGIS (check one)	(<input type="checkbox"/>)	(<input type="checkbox"/>)	(<input type="checkbox"/>)	(<input checked="" type="checkbox"/>)
EpiInfo (check one)	(<input type="checkbox"/>)	(<input type="checkbox"/>)	(<input type="checkbox"/>)	(<input checked="" type="checkbox"/>)
SAS (check one)	(<input type="checkbox"/>)	(<input type="checkbox"/>)	(<input type="checkbox"/>)	(<input checked="" type="checkbox"/>)

18. Please tell us what you know about the following statistical tests:

<u>Statistical test</u>	<u>How you ever heard of...?</u> (circle one)	<u>Have you ever used...?</u> (circle one)
a. Pearson's chi-square test	Y (<input checked="" type="radio"/> N)	Y (<input checked="" type="radio"/> N)
b. Mantel-Haenszel chi-square test	Y (<input checked="" type="radio"/> N)	Y (<input checked="" type="radio"/> N)
c. Student's T-test	(Y) N	Y (<input checked="" type="radio"/> N)
d. McNemar test	Y (<input checked="" type="radio"/> N)	Y (<input checked="" type="radio"/> N)
e. ANOVA	Y (<input checked="" type="radio"/> N)	Y (<input checked="" type="radio"/> N)
f. Exact tests	Y (<input checked="" type="radio"/> N)	Y (<input checked="" type="radio"/> N)
g. Linear regression	(Y) N	Y (<input checked="" type="radio"/> N)

<u>Statistical test</u>	How you ever heard of...? (circle one)	Have you ever used...? (circle one)
h. Logistic regression	Y <input checked="" type="radio"/> N	Y <input checked="" type="radio"/> N
i. Poisson regression	(Y) <input type="radio"/> N	Y <input checked="" type="radio"/> N
j. Negative binomial regression	Y <input checked="" type="radio"/> N	Y <input checked="" type="radio"/> N
k. Polytomous regression	Y <input checked="" type="radio"/> N	Y <input checked="" type="radio"/> N

19. Please tell us what you know about these SAS DATA and PROC statements:

<u>SAS KEYWORDS</u>	How you ever heard of...? (circle one)	Have you ever used...? (circle one)
a. PROC SGPlot	Y <input checked="" type="radio"/> N	Y <input checked="" type="radio"/> N
b. Position option in PROC CONTENTS	Y <input checked="" type="radio"/> N	Y <input checked="" type="radio"/> N
c. %LET	Y <input checked="" type="radio"/> N	Y <input checked="" type="radio"/> N
d. Libname	Y <input checked="" type="radio"/> N	Y <input checked="" type="radio"/> N
e. PROC CONTENTS	Y <input checked="" type="radio"/> N	Y <input checked="" type="radio"/> N
f. Z5. format	Y <input checked="" type="radio"/> N	Y <input checked="" type="radio"/> N
g. CMH option	Y <input checked="" type="radio"/> N	Y <input checked="" type="radio"/> N
h. Update keyword	Y <input checked="" type="radio"/> N	Y <input checked="" type="radio"/> N
i. Column input	Y <input checked="" type="radio"/> N	Y <input checked="" type="radio"/> N
j. WEEKDATE.	Y <input checked="" type="radio"/> N	Y <input checked="" type="radio"/> N
k. PROC TABULATE	Y <input checked="" type="radio"/> N	Y <input checked="" type="radio"/> N
l. PROC LOGISTIC	Y <input checked="" type="radio"/> N	Y <input checked="" type="radio"/> N
m. Output delivery system (ODS)	Y <input checked="" type="radio"/> N	Y <input checked="" type="radio"/> N
n. CATX function	Y <input checked="" type="radio"/> N	Y <input checked="" type="radio"/> N
o. FIRTH option	Y <input checked="" type="radio"/> N	Y <input checked="" type="radio"/> N

- 20a. Are you interest in doing an internship at the Los Angeles County Department of Public Health (DPH)?
- () Yes
 () No
 () I've already done one at DPH

- 20b. Are you seeking any internships that require you to know SAS?
 Yes
 No
- 20c. Are you seeking any jobs that require you to know SAS?
 Yes
 No
- 20d. Do you plan to seek employment at the Los Angeles County Department of Public Health (LACDPH)?
 Yes
 No
 I already work at LACDPH
21. State the reason(s) why you are taking this course: (Check all that apply)
- It's required
 I need it to get a(n) job/internship
 I am taking it for fun
 My advisor told me to take this course
 Other: _____

22. List other courses in data analysis you would like UCLA SPH to offer:
- a.
 - b.
 - c.
 - d.

STUDENT SURVEY

1. What is your current degree objective?

- None
 MPH
 MA/MS
 PhD/DrPH
 Other (Please specify: _____)

2. What year are you?

- 1st
 2nd
 3rd
 4th
 5th
 6th or more
 Does not apply

3. Have you taken any other courses that used SAS as part of the curriculum (check all that apply):

- Biostatistics 403A
 Biostatistics 406
 Epidemiology 410
 Other (specify): _____

4. Have you taken any of the following courses?

- Statistics/Biostatistics courses
 Epidemiology courses
 Environmental Health courses
 Community Health Science courses
 Health Services courses

5. How much SAS experience do you have?

- No experience whatsoever
 A little experience
 Some experience
 A good bit of experience
 A lot of experience

6. If you have had experience with SAS, what version(s) have you used? (check all that apply)

- () 8
() 9.1
() 9.2
() 9.3
() 9.4
() 9.5
() University Edition
() Enterprise Guide
 I have never used SAS before

7. Have you ever taken SAS class from the SAS Institute (e.g., at the Burbank or Irvine locations)?

- () Yes, I took: _____
() Yes, but I don't remember
 No
() I don't remember

- 8a. Do you have a dataset to work with?

- () Yes
 No (yes ~~was~~ kind of but not reliable)

- 8b. Do you currently working with a dataset?

- () Yes
 No

9. On the scale from 0 (not at all) to 10 (often), how often do you expect to use SAS in the future?

- a. In school? 7.
b. On the job? 7.

- 10a. Will you need SAS to complete your MPH/MS project or dissertation?

- () Yes
() No
 I don't know

- 10b. Have you ever heard of the SAS Certification Exam?

- () Yes
 No
() I don't know

11. Where did you hear about EPID M403? (Check all that apply)
- () Friend(s)
() Graduate advisor(s)
() Employer(s)
() Parent(s)
() Flyer(s)
 Course requirement
() Other (Please specify: _____)

12. What grade do you think you will receive in this class?
- () A
() B
() C
() D or worse
 I don't know

13. What would you like to do after graduation?

Research in govt or academia

14. Are you planning to seek employment at... (check all that apply)
- A local health department?
 The Centers for Disease Control and Prevention?
() A pharmaceutical company?
 Community-based organization?
 College/University?
() Other (Please specify: _____)

15. Have you ever prepared a codebook (i.e., data dictionary)?
- () Yes
 No

- 16a. Have you ever prepared a conference abstract?
- Yes
() No

16b. Have you ever presented a(n) abstract/paper at a scientific conference?

- () Yes
() No

16c. Have you ever prepared a manuscript for publication in a peer-reviewed journal?

- () Yes
() No

16d. Have you ever appeared as a coauthor on a manuscript in a peer-reviewed journal?

- () Yes
() No

17. How often do you use the following software packages?

	Always	Often	Sometimes	Never
Microsoft Access (check one)	(<input type="checkbox"/>)	(<input type="checkbox"/>)	(<input type="checkbox"/>)	(<input checked="" type="checkbox"/>)
Microsoft Excel (check one)	(<input type="checkbox"/>)	(<input type="checkbox"/>)	(<input checked="" type="checkbox"/>)	(<input type="checkbox"/>)
R (check one)	(<input type="checkbox"/>)	(<input type="checkbox"/>)	(<input type="checkbox"/>)	(<input checked="" type="checkbox"/>)
STATA (check one)	(<input type="checkbox"/>)	(<input type="checkbox"/>)	(<input type="checkbox"/>)	(<input checked="" type="checkbox"/>)
SurveyMonkey (check one)	(<input type="checkbox"/>)	(<input type="checkbox"/>)	(<input checked="" type="checkbox"/>)	(<input type="checkbox"/>)
SPSS (check one)	(<input type="checkbox"/>)	(<input type="checkbox"/>)	(<input checked="" type="checkbox"/>)	(<input type="checkbox"/>)
ArcGIS (check one)	(<input type="checkbox"/>)	(<input type="checkbox"/>)	(<input type="checkbox"/>)	(<input checked="" type="checkbox"/>)
EpiInfo (check one)	(<input type="checkbox"/>)	(<input type="checkbox"/>)	(<input type="checkbox"/>)	(<input checked="" type="checkbox"/>)
SAS (check one)	(<input type="checkbox"/>)	(<input type="checkbox"/>)	(<input type="checkbox"/>)	(<input checked="" type="checkbox"/>)

18. Please tell us what you know about the following statistical tests:

<u>Statistical test</u>	<u>How you ever heard of...?</u> (circle one)	<u>Have you ever used...?</u> (circle one)
a. Pearson's chi-square test	(Y) N	(Y) N
b. Mantel-Haenszel chi-square test	Y (N)	Y (N)
c. Student's T-test	(Y) N	(Y) N
d. McNemar test	Y (N)	Y N
e. ANOVA	(Y) N	Y (N)
f. Exact tests	(Y) N	Y (N)
g. Linear regression	(Y) N	(Y) N

<u>Statistical test</u>	How you ever heard of...? (circle one)	Have you ever used...? (circle one)
h. Logistic regression	Y N	Y N
i. Poisson regression	Y N	Y N
j. Negative binomial regression	Y N	Y N
k. Polytomous regression	Y N	Y N

19. Please tell us what you know about these SAS DATA and PROC statements:

<u>SAS KEYWORDS</u>	How you ever heard of...? (circle one)	Have you ever used...? (circle one)
a. PROC SGPLOT	Y N	Y N
b. Position option in PROC CONTENTS	Y N	Y N
c. %LET	Y N	Y N
d. Libname	Y N	Y N
e. PROC CONTENTS	Y N	Y N
f. Z5. format	Y N	Y N
g. CMH option	Y N	Y N
h. Update keyword	Y N	Y N
i. Column input	Y N	Y N
j. WEEKDATE.	Y N	Y N
k. PROC TABULATE	Y N	Y N
l. PROC LOGISTIC	Y N	Y N
m. Output delivery system (ODS)	Y N	Y N
n. CATX function	Y N	Y N
o. FIRTH option	Y N	Y N

20a. Are you interest in doing an internship at the Los Angeles County Department of Public Health (DPH)?

- Yes
 No
 I've already done one at DPH

20b. Are you seeking any internships that require you to know SAS?

- Yes
 No

20c. Are you seeking any jobs that require you to know SAS?

- Yes
 No

20d. Do you plan to seek employment at the Los Angeles County Department of Public Health (LACDPH)?

- Yes
 No
 I already work at LACDPH

21. State the reason(s) why you are taking this course: (Check all that apply)

- It's required
 I need it to get a(n) job/internship
 I am taking it for fun
 My advisor told me to take this course
 Other: _____

22. List other courses in data analysis you would like UCLA SPH to offer:

- a.
b.
c.
d.

STUDENT SURVEY

1. What is your current degree objective?

- None
 MPH
 MA/MS
 PhD/DrPH
 Other (Please specify: _____)

2. What year are you?

- 1st
 2nd
 3rd
 4th
 5th
 6th or more
 Does not apply

3. Have you taken any other courses that used SAS as part of the curriculum (check all that apply): **N/A**

- Biostatistics 403A
 Biostatistics 406
 Epidemiology 410
 Other (specify): _____

4. Have you taken any of the following courses?

- Statistics/Biostatistics courses
 Epidemiology courses
 Environmental Health courses
 Community Health Science courses
 Health Services courses

5. How much SAS experience do you have?

- No experience whatsoever
 A little experience
 Some experience
 A good bit of experience
 A lot of experience

6. If you have had experience with SAS, what version(s) have you used? (check all that apply)

() 8
() 9.1
() 9.2
() 9.3
() 9.4
() 9.5
() University Edition
() Enterprise Guide
 I have never used SAS before

7. Have you ever taken SAS class from the SAS Institute (e.g., at the Burbank or Irvine locations)?

() Yes, I took: _____
() Yes, but I don't remember
 No
() I don't remember

- 8a. Do you have a dataset to work with?

() Yes
 No

- 8b. Do you currently working with a dataset?

() Yes
 No

9. On the scale from 0 (not at all) to 10 (often), how often do you expect to use SAS in the future?

a. In school? 5.
b. On the job? 5.

- 10a. Will you need SAS to complete your MPH/MS project or dissertation?

() Yes
() No
 I don't know

- 10b. Have you ever heard of the SAS Certification Exam?

() Yes
 No
() I don't know

11. Where did you hear about EPID M403? (Check all that apply)

- () Friend(s)
() Graduate advisor(s)
() Employer(s)
() Parent(s)
() Flyer(s)
() Course requirement
() Other (Please specify: _____)

12. What grade do you think you will receive in this class?

- () A
() B
() C
() D or worse
() I don't know

13. What would you like to do after graduation?

I'm an MD (gyn oncology fellow)- planning
to work clinically and do research in public
health setting.

14. Are you planning to seek employment at... (check all that apply)

- () A local health department?
() The Centers for Disease Control and Prevention?
() A pharmaceutical company?
() Community-based organization?
() College/University?
() Other (Please specify: unsure)

15. Have you ever prepared a codebook (i.e., data dictionary)?

- () Yes
() No

16a. Have you ever prepared a conference abstract?

- () Yes
() No

16b. Have you ever presented a(n) abstract/paper at a scientific conference?

- Yes
 No

16c. Have you ever prepared a manuscript for publication in a peer-reviewed journal?

- Yes
 No

16d. Have you ever appeared as a coauthor on a manuscript in a peer-reviewed journal?

- Yes
 No

17. How often do you use the following software packages?

	Always	Often	Sometimes	Never
Microsoft Access (check one)	()	()	(X)	()
Microsoft Excel (check one)	()	(X)	()	()
R (check one)	()	()	()	(X)
STATA (check one)	()	()	(X)	()
SurveyMonkey (check one)	()	()	(X)	()
SPSS (check one)	()	()	()	(X)
ArcGIS (check one)	()	()	()	(X)
EpiInfo (check one)	()	()	()	(X)
SAS (check one)	()	()	()	(X)

18. Please tell us what you know about the following statistical tests:

<u>Statistical test</u>	How you ever heard of...? (circle one)	Have you ever used...? (circle one)
a. Pearson's chi-square test	Y N	Y N
b. Mantel-Haenszel chi-square test	Y N	Y N
c. Student's T-test	Y N	Y N
d. McNemar test	Y N	Y N
e. ANOVA	Y N	Y N
f. Exact tests	Y N	Y N
g. Linear regression	Y N	Y N

<u>Statistical test</u>	How you ever heard of...? (circle one)	Have you ever used...? (circle one)
h. Logistic regression	<input checked="" type="radio"/> Y N	<input checked="" type="radio"/> Y N
i. Poisson regression	Y <input checked="" type="radio"/> N	Y N
j. Negative binomial regression	Y <input checked="" type="radio"/> N	Y N
k. Polytomous regression	<input checked="" type="radio"/> Y N	Y <input checked="" type="radio"/> N

19. Please tell us what you know about these SAS DATA and PROC statements:

<u>SAS KEYWORDS</u>	How you ever heard of...? (circle one)	Have you ever used...? (circle one)
a. PROC SGPlot	Y <input checked="" type="radio"/> N	Y N
b. Position option in PROC CONTENTS	Y <input checked="" type="radio"/> N	Y N
c. %LET	Y <input checked="" type="radio"/> N	Y N
d. Libname	Y <input checked="" type="radio"/> N	Y N
e. PROC CONTENTS	Y <input checked="" type="radio"/> N	Y N
f. Z5. format	Y <input checked="" type="radio"/> N	Y N
g. CMH option	Y <input checked="" type="radio"/> N	Y N
h. Update keyword	Y <input checked="" type="radio"/> N	Y N
i. Column input	Y <input checked="" type="radio"/> N	Y N
j. WEEKDATE.	Y <input checked="" type="radio"/> N	Y N
k. PROC TABULATE	Y <input checked="" type="radio"/> N	Y N
l. PROC LOGISTIC	Y <input checked="" type="radio"/> N	Y N
m. Output delivery system (ODS)	Y <input checked="" type="radio"/> N	Y N
n. CATX function	Y <input checked="" type="radio"/> N	Y N
o. FIRTH option	Y <input checked="" type="radio"/> N	Y N

20a. Are you interest in doing an internship at the Los Angeles County Department of Public Health (DPH)?

() Yes

N/A - 1-year MPH program

() No

() I've already done one at DPH

20b. Are you seeking any internships that require you to know SAS?

- Yes
 No

20c. Are you seeking any jobs that require you to know SAS?

- Yes
 No

20d. Do you plan to seek employment at the Los Angeles County Department of Public Health (LACDPH)?

- Yes
 No
 I already work at LACDPH

21. State the reason(s) why you are taking this course: (Check all that apply)

- It's required
 I need it to get a(n) job/internship
 I am taking it for fun
 My advisor told me to take this course
 Other: to help with future research
-
-

22. List other courses in data analysis you would like UCLA SPH to offer:

- a.
b.
c.
d.

STUDENT SURVEY

1. What is your current degree objective?

- None
 MPH
 MA/MS
 PhD/DrPH
 Other (Please specify: _____)

2. What year are you?

- 1st
 2nd
 3rd
 4th
 5th
 6th or more
 Does not apply

3. Have you taken any other courses that used SAS as part of the curriculum (check all that apply):

- Biostatistics 403A
 Biostatistics 406
 Epidemiology 410
 Other (specify): _____

4. Have you taken any of the following courses?

- Statistics/Biostatistics courses
 Epidemiology courses
 Environmental Health courses
 Community Health Science courses
 Health Services courses

5. How much SAS experience do you have?

- No experience whatsoever
 A little experience
 Some experience
 A good bit of experience
 A lot of experience

6. If you have had experience with SAS, what version(s) have you used? (check all that apply)

() 8
() 9.1
() 9.2
() 9.3
() 9.4
() 9.5
() University Edition
() Enterprise Guide
 I have never used SAS before

7. Have you ever taken SAS class from the SAS Institute (e.g., at the Burbank or Irvine locations)?

() Yes, I took: _____
() Yes, but I don't remember
 No
() I don't remember

- 8a. Do you have a dataset to work with?

() Yes
 No

- 8b. Do you currently working with a dataset?

Yes
 No

9. On the scale from 0 (not at all) to 10 (often), how often do you expect to use SAS in the future?

a. In school? 5.
b. On the job? 5.

- 10a. Will you need SAS to complete your MPH/MS project or dissertation?

() Yes
() No
 I don't know

- 10b. Have you ever heard of the SAS Certification Exam?

() Yes
() No
 I don't know

11. Where did you hear about EPID M403? (Check all that apply)
- () Friend(s)
() Graduate advisor(s)
() Employer(s)
() Parent(s)
() Flyer(s)
() Course requirement
() Other (Please specify: _____)

12. What grade do you think you will receive in this class?
- () A
() B
() C
() D or worse
() I don't know

13. What would you like to do after graduation?
-
-
-
-
-

14. Are you planning to seek employment at... (check all that apply)
- () A local health department?
() The Centers for Disease Control and Prevention?
() A pharmaceutical company?
() Community-based organization?
() College/University?
() Other (Please specify: _____)

15. Have you ever prepared a codebook (i.e., data dictionary)?
- () Yes
() No

- 16a. Have you ever prepared a conference abstract?
- () Yes
() No

16b. Have you ever presented a(n) abstract/paper at a scientific conference?

() Yes
 No

16c. Have you ever prepared a manuscript for publication in a peer-reviewed journal?

() Yes
 No

16d. Have you ever appeared as a coauthor on a manuscript in a peer-reviewed journal?

() Yes
 No

17. How often do you use the following software packages?

	Always	Often	Sometimes	Never
Microsoft Access (check one)	(<input type="checkbox"/>)	(<input type="checkbox"/>)	(<input checked="" type="checkbox"/>)	(<input type="checkbox"/>)
Microsoft Excel (check one)	(<input type="checkbox"/>)	(<input type="checkbox"/>)	(<input checked="" type="checkbox"/>)	(<input checked="" type="checkbox"/>)
R (check one)	(<input type="checkbox"/>)	(<input type="checkbox"/>)	(<input type="checkbox"/>)	(<input checked="" type="checkbox"/>)
STATA (check one)	(<input type="checkbox"/>)	(<input type="checkbox"/>)	(<input type="checkbox"/>)	(<input checked="" type="checkbox"/>)
SurveyMonkey (check one)	(<input type="checkbox"/>)	(<input type="checkbox"/>)	(<input type="checkbox"/>)	(<input checked="" type="checkbox"/>)
SPSS (check one)	(<input type="checkbox"/>)	(<input type="checkbox"/>)	(<input type="checkbox"/>)	(<input checked="" type="checkbox"/>)
ArcGIS (check one)	(<input type="checkbox"/>)	(<input type="checkbox"/>)	(<input type="checkbox"/>)	(<input checked="" type="checkbox"/>)
EpiInfo (check one)	(<input type="checkbox"/>)	(<input type="checkbox"/>)	(<input type="checkbox"/>)	(<input checked="" type="checkbox"/>)
SAS (check one)	(<input type="checkbox"/>)	(<input type="checkbox"/>)	(<input type="checkbox"/>)	(<input checked="" type="checkbox"/>)

18. Please tell us what you know about the following statistical tests:

Statistical test	How you ever heard of...? (circle one)	Have you ever used...? (circle one)
a. Pearson's chi-square test	(Y) N	(Y) N
b. Mantel-Haenszel chi-square test	(Y) N	Y (<input checked="" type="checkbox"/> N)
c. Student's T-test	(Y) N	(Y) N
d. McNemar test	Y (<input checked="" type="checkbox"/> N)	Y (<input checked="" type="checkbox"/> N)
e. ANOVA	(Y) (<input checked="" type="checkbox"/> N)	(Y) N
f. Exact tests	Y (<input checked="" type="checkbox"/> N)	Y (<input checked="" type="checkbox"/> N)
g. Linear regression	(Y) N	(Y) N

<u>Statistical test</u>	How you ever heard of...? (circle one)	Have you ever used...? (circle one)
h. Logistic regression	Y <input checked="" type="radio"/> N	Y <input checked="" type="radio"/> N
i. Poisson regression	<input checked="" type="radio"/> Y N	<input checked="" type="radio"/> Y N
j. Negative binomial regression	Y <input checked="" type="radio"/> N	Y <input checked="" type="radio"/> N
k. Polytomous regression	Y <input checked="" type="radio"/> N	Y <input checked="" type="radio"/> N

19. Please tell us what you know about these SAS DATA and PROC statements:

<u>SAS KEYWORDS</u>	How you ever heard of...? (circle one)	Have you ever used...? (circle one)
a. PROC SGPlot	Y <input checked="" type="radio"/> N	Y <input checked="" type="radio"/> N
b. Position option in PROC CONTENTS	Y <input checked="" type="radio"/> N	Y <input checked="" type="radio"/> N
c. %LET	Y <input checked="" type="radio"/> N	Y <input checked="" type="radio"/> N
d. Libname	Y <input checked="" type="radio"/> N	Y <input checked="" type="radio"/> N
e. PROC CONTENTS	Y <input checked="" type="radio"/> N	Y <input checked="" type="radio"/> N
f. Z5. format	Y <input checked="" type="radio"/> N	Y <input checked="" type="radio"/> N
g. CMH option	Y <input checked="" type="radio"/> N	Y <input checked="" type="radio"/> N
h. Update keyword	Y <input checked="" type="radio"/> N	Y <input checked="" type="radio"/> N
i. Column input	Y <input checked="" type="radio"/> N	Y <input checked="" type="radio"/> N
j. WEEKDATE.	Y <input checked="" type="radio"/> N	Y <input checked="" type="radio"/> N
k. PROC TABULATE	Y <input checked="" type="radio"/> N	Y <input checked="" type="radio"/> N
l. PROC LOGISTIC	Y <input checked="" type="radio"/> N	Y <input checked="" type="radio"/> N
m. Output delivery system (ODS)	Y <input checked="" type="radio"/> N	Y <input checked="" type="radio"/> N
n. CATX function	Y <input checked="" type="radio"/> N	Y <input checked="" type="radio"/> N
o. FIRTH option	Y <input checked="" type="radio"/> N	Y <input checked="" type="radio"/> N

20a. Are you interest in doing an internship at the Los Angeles County Department of Public Health (DPH)?

- Yes
 No
 I've already done one at DPH

20b. Are you seeking any internships that require you to know SAS?

- Yes
 No

20c. Are you seeking any jobs that require you to know SAS?

- Yes
 No

20d. Do you plan to seek employment at the Los Angeles County Department of Public Health (LACDPH)?

- Yes
 No
 I already work at LACDPH

21. State the reason(s) why you are taking this course: (Check all that apply)

- It's required
 I need it to get a(n) job/internship
 I am taking it for fun
 My advisor told me to take this course
 Other: _____

22. List other courses in data analysis you would like UCLA SPH to offer:

- a.
b.
c.
d.

STUDENT SURVEY

1. What is your current degree objective?

- () None
 MPH
() MA/MS
() PhD/DrPH
() Other (Please specify: _____)

2. What year are you?

- () 1st
 2nd
() 3rd
() 4th
() 5th
() 6th or more
() Does not apply

3. Have you taken any other courses that used SAS as part of the curriculum (check all that apply):

- () Biostatistics 403A
 Biostatistics 406 - *we used R, not SAS*
() Epidemiology 410
() Other (specify): _____

4. Have you taken any of the following courses?

- Statistics/Biostatistics courses
 Epidemiology courses
 Environmental Health courses
 Community Health Science courses
 Health Services courses

5. How much SAS experience do you have?

- No experience whatsoever
() A little experience
() Some experience
() A good bit of experience
() A lot of experience

6. If you have had experience with SAS, what version(s) have you used? (check all that apply)
- () 8
() 9.1
() 9.2
() 9.3
() 9.4
() 9.5
() University Edition
() Enterprise Guide
() I have never used SAS before
7. Have you ever taken SAS class from the SAS Institute (e.g., at the Burbank or Irvine locations)?
- () Yes, I took: _____
() Yes, but I don't remember
() No
() I don't remember
- 8a. Do you have a dataset to work with?
- () Yes
() No
- 8b. Do you currently working with a dataset?
- () Yes
() No
9. On the scale from 0 (not at all) to 10 (often), how often do you expect to use SAS in the future?
- a. In school? 5.
b. On the job? 5.
- 10a. Will you need SAS to complete your MPH/MS project or dissertation?
- () Yes
() No
() I don't know
- 10b. Have you ever heard of the SAS Certification Exam?
- () Yes
() No
() I don't know

11. Where did you hear about EPID M403? (Check all that apply)

- Friend(s)
 Graduate advisor(s)
 Employer(s)
 Parent(s)
 Flyer(s)
 Course requirement
 Other (Please specify: _____)

12. What grade do you think you will receive in this class?

- A
 B
 C
 D or worse
 I don't know
(A or B)

13. What would you like to do after graduation?

I'm not sure, but some mix of program design and evaluation. I really enjoyed working with data in classes previously, so I hope to have some level of data analysis in my career.

14. Are you planning to seek employment at... (check all that apply)

- A local health department?
 The Centers for Disease Control and Prevention?
 A pharmaceutical company?
 Community-based organization?
 College/University?
 Other (Please specify: _____)

15. Have you ever prepared a codebook (i.e., data dictionary)?

- Yes
 No

16a. Have you ever prepared a conference abstract?

- Yes
 No

16b. Have you ever presented a(n) abstract/paper at a scientific conference?

- () Yes
(X) No

16c. Have you ever prepared a manuscript for publication in a peer-reviewed journal?

- () Yes
(X) No

16d. Have you ever appeared as a coauthor on a manuscript in a peer-reviewed journal?

- () Yes
(X) No

17. How often do you use the following software packages?

	Always	Often	Sometimes	Never
Microsoft Access (check one)	()	()	()	(X)
Microsoft Excel (check one)	()	(X)	()	()
R (check one)	()	()	(X)	()
STATA (check one)	()	()	(X)	()
SurveyMonkey (check one)	()	()	(X)	()
SPSS (check one)	()	()	()	(X)
ArcGIS (check one)	()	()	()	(X)
EpiInfo (check one)	()	()	()	(X)
SAS (check one)	()	()	()	(X)

18. Please tell us what you know about the following statistical tests:

Statistical test	How you ever heard of...? (circle one)	Have you ever used...? (circle one)
a. Pearson's chi-square test	(Y)	N
b. Mantel-Haenszel chi-square test	(Y)	N
c. Student's T-test	(Y)	N
d. McNemar test	Y	(N)
e. ANOVA	(Y)	N
f. Exact tests	Y	(N)
g. Linear regression	(Y)	N

<u>Statistical test</u>	How you ever heard of...? (circle one)	Have you ever used...? (circle one)
h. Logistic regression	Y N	Y N
i. Poisson regression	Y N	Y N
j. Negative binomial regression	Y N	Y N
k. Polytomous regression	Y N	Y N

19. Please tell us what you know about these SAS DATA and PROC statements:

<u>SAS KEYWORDS</u>	How you ever heard of...? (circle one)	Have you ever used...? (circle one)
a. PROC SGPlot	Y N	Y N
b. Position option in PROC CONTENTS	Y N	Y N
c. %LET	Y N	Y N
d. Libname	Y N	Y N
e. PROC CONTENTS	Y N	Y N
f. Z5. format	Y N	Y N
g. CMH option	Y N	Y N
h. Update keyword	Y N	Y N
i. Column input	Y N	Y N
j. WEEKDATE.	Y N	Y N
k. PROC TABULATE	Y N	Y N
l. PROC LOGISTIC	Y N	Y N
m. Output delivery system (ODS)	Y N	Y N
n. CATX function	Y N	Y N
o. FIRTH option	Y N	Y N

20a. Are you interest in doing an internship at the Los Angeles County Department of Public Health (DPH)?

- Yes
 No
 I've already done one at DPH

20b. Are you seeking any internships that require you to know SAS?

- Yes
 No

20c. Are you seeking any jobs that require you to know SAS?

- Yes
 No

Not sure yet!

20d. Do you plan to seek employment at the Los Angeles County Department of Public Health (LACDPH)?

- Yes
 No
 I already work at LACDPH

21. State the reason(s) why you are taking this course: (Check all that apply)

- It's required
 I need it to get a(n) job/internship
 I am taking it for fun
 My advisor told me to take this course
 Other: Several of my classmates told me that they felt it was one of the most valuable courses offered.

22. List other courses in data analysis you would like UCLA SPH to offer:

- a.
b.
c.
d.

STUDENT SURVEY

1. What is your current degree objective?

- () None
() MPH
() MA/MS
() PhD/DrPH
() Other (Please specify: _____)

2. What year are you?

- () 1st
() 2nd
() 3rd
() 4th
() 5th
() 6th or more
() Does not apply

3. Have you taken any other courses that used SAS as part of the curriculum (check all that apply):

- () Biostatistics 403A
() Biostatistics 406
() Epidemiology 410
() Other (specify): _____

4. Have you taken any of the following courses?

- () Statistics/Biostatistics courses
() Epidemiology courses
() Environmental Health courses
() Community Health Science courses
() Health Services courses

5. How much SAS experience do you have?

- () No experience whatsoever
() A little experience
() Some experience
() A good bit of experience
() A lot of experience

6. If you have had experience with SAS, what version(s) have you used? (check all that apply)

- () 8
() 9.1
() 9.2
() 9.3
() 9.4
() 9.5
() University Edition
() Enterprise Guide
() I have never used SAS before

7. Have you ever taken SAS class from the SAS Institute (e.g., at the Burbank or Irvine locations)?

- () Yes, I took: _____
() Yes, but I don't remember
() No
() I don't remember

- 8a. Do you have a dataset to work with?

- () Yes
() No

- 8b. Do you currently working with a dataset?

- () Yes
() No

9. On the scale from 0 (not at all) to 10 (often), how often do you expect to use SAS in the future?

- a. In school? 7
b. On the job? 4

- 10a. Will you need SAS to complete your MPH/MS project or dissertation?

- () Yes
() No
() I don't know

- 10b. Have you ever heard of the SAS Certification Exam?

- () Yes
() No
() I don't know

11. Where did you hear about EPID M403? (Check all that apply)
- () Friend(s)
() Graduate advisor(s)
() Employer(s)
() Parent(s)
() Flyer(s)
() Course requirement
() Other (Please specify: _____)

12. What grade do you think you will receive in this class?
- () A
() B
() C
() D or worse
() I don't know

13. What would you like to do after graduation?

Look for a job in the area of Epi I am interested in.

14. Are you planning to seek employment at... (check all that apply)
- () A local health department?
() The Centers for Disease Control and Prevention?
() A pharmaceutical company?
() Community-based organization?
() College/University?
() Other (Please specify: _____)

15. Have you ever prepared a codebook (i.e., data dictionary)?
- () Yes
() No

- 16a. Have you ever prepared a conference abstract?
- () Yes
() No

16b. Have you ever presented a(n) abstract/paper at a scientific conference?

() Yes
() No

16c. Have you ever prepared a manuscript for publication in a peer-reviewed journal?

() Yes
() No

16d. Have you ever appeared as a coauthor on a manuscript in a peer-reviewed journal?

() Yes
() No

17. How often do you use the following software packages?

	Always	Often	Sometimes	Never
Microsoft Access (check one)	(<input type="checkbox"/>)	(<input type="checkbox"/>)	(<input type="checkbox"/>)	(<input checked="" type="checkbox"/>)
Microsoft Excel (check one)	(<input type="checkbox"/>)	(<input type="checkbox"/>)	(<input checked="" type="checkbox"/>)	(<input type="checkbox"/>)
R (check one)	(<input type="checkbox"/>)	(<input type="checkbox"/>)	(<input checked="" type="checkbox"/>)	(<input type="checkbox"/>)
STATA (check one)	(<input type="checkbox"/>)	(<input type="checkbox"/>)	(<input type="checkbox"/>)	(<input checked="" type="checkbox"/>)
SurveyMonkey (check one)	(<input type="checkbox"/>)	(<input type="checkbox"/>)	(<input type="checkbox"/>)	(<input checked="" type="checkbox"/>)
SPSS (check one)	(<input type="checkbox"/>)	(<input type="checkbox"/>)	(<input type="checkbox"/>)	(<input checked="" type="checkbox"/>)
ArcGIS (check one)	(<input type="checkbox"/>)	(<input type="checkbox"/>)	(<input type="checkbox"/>)	(<input checked="" type="checkbox"/>)
EpiInfo (check one)	(<input type="checkbox"/>)	(<input type="checkbox"/>)	(<input type="checkbox"/>)	(<input checked="" type="checkbox"/>)
SAS (check one)	(<input type="checkbox"/>)	(<input type="checkbox"/>)	(<input type="checkbox"/>)	(<input checked="" type="checkbox"/>)

18. Please tell us what you know about the following statistical tests:

<u>Statistical test</u>	<u>How you ever heard of...?</u> (circle one)	<u>Have you ever used...?</u> (circle one)
a. Pearson's chi-square test	(Y) N	(Y) N
b. Mantel-Haenszel chi-square test	Y (N)	Y (N)
c. Student's T-test	(Y) N	(Y) N
d. McNemar test	Y (N)	Y (N)
e. ANOVA	(Y) N	(Y) N
f. Exact tests	Y (N)	Y (N)
g. Linear regression	(Y) N	(Y) N

<u>Statistical test</u>	How you ever heard of...? (circle one)	Have you ever used...? (circle one)
h. Logistic regression	(Y) N	(Y) N
i. Poisson regression	(Y) N	Y (N)
j. Negative binomial regression	Y (N)	Y (N)
k. Polytomous regression	Y (N)	Y (N)

19. Please tell us what you know about these SAS DATA and PROC statements:

<u>SAS KEYWORDS</u>	How you ever heard of...? (circle one)	Have you ever used...? (circle one)
a. PROC SGPlot	Y (N)	Y (N)
b. Position option in PROC CONTENTS	Y (N)	Y (N)
c. %LET	Y (N)	Y N
d. Libname	Y N	Y N
e. PROC CONTENTS	Y N	Y N
f. Z5. format	Y N	Y N
g. CMH option	Y N	Y N
h. Update keyword	Y N	Y N
i. Column input	Y N	Y N
j. WEEKDATE.	Y N	Y N
k. PROC TABULATE	Y N	Y N
l. PROC LOGISTIC	Y N	Y N
m. Output delivery system (ODS)	Y N	Y N
n. CATX function	Y N	Y N
o. FIRTH option	Y N	Y N

20a. Are you interest in doing an internship at the Los Angeles County Department of Public Health (DPH)?

- (Yes)
 (No)
 (I've already done one at DPH)

- 20b. Are you seeking any internships that require you to know SAS?
 Yes
 No
- 20c. Are you seeking any jobs that require you to know SAS?
 Yes
 No
- 20d. Do you plan to seek employment at the Los Angeles County Department of Public Health (LACDPH)?
 Yes
 No
 I already work at LACDPH
21. State the reason(s) why you are taking this course: (Check all that apply)
- It's required
 I need it to get a(n) job/internship
 I am taking it for fun
 My advisor told me to take this course
 Other: _____

22. List other courses in data analysis you would like UCLA SPH to offer:
- a.
 - b.
 - c.
 - d.

STUDENT SURVEY

1. What is your current degree objective?

- () None
() MPH
() MA/MS
() PhD/DrPH
() Other (Please specify: _____)

2. What year are you?

- () 1st
() 2nd
() 3rd
() 4th
() 5th
() 6th or more
() Does not apply

3. Have you taken any other courses that used SAS as part of the curriculum (check all that apply):

- () Biostatistics 403A
() Biostatistics 406
() Epidemiology 410
() Other (specify): Biostatistics 203A

4. Have you taken any of the following courses?

- () Statistics/Biostatistics courses
() Epidemiology courses
() Environmental Health courses
() Community Health Science courses
() Health Services courses

5. How much SAS experience do you have?

- () No experience whatsoever
() A little experience
() Some experience
() A good bit of experience
() A lot of experience

6. If you have had experience with SAS, what version(s) have you used? (check all that apply)

- () 8
() 9.1
() 9.2
() 9.3
() 9.4
() 9.5
() University Edition
() Enterprise Guide
() I have never used SAS before

7. Have you ever taken SAS class from the SAS Institute (e.g., at the Burbank or Irvine locations)?

- () Yes, I took: _____
() Yes, but I don't remember
() No
() I don't remember

8a. Do you have a dataset to work with?

- () Yes
() No

8b. Do you currently working with a dataset?

- () Yes
() No

9. On the scale from 0 (not at all) to 10 (often), how often do you expect to use SAS in the future?

- a. In school? 6.
b. On the job? 7.

10a. Will you need SAS to complete your MPH/MS project or dissertation?

- () Yes
() No
() I don't know

10b. Have you ever heard of the SAS Certification Exam?

- () Yes
() No
() I don't know

11.
11. Where did you hear about EPID M403? (Check all that apply)

- () Friend(s)
() Graduate advisor(s)
() Employer(s)
() Parent(s)
() Flyer(s)
() Course requirement
() Other (Please specify: _____)

12. What grade do you think you will receive in this class?

- () A
() B
() C
() D or worse
() I don't know

13. What would you like to do after graduation?

Pharmaceutical Companies

14. Are you planning to seek employment at... (check all that apply)

- () A local health department?
() The Centers for Disease Control and Prevention?
() A pharmaceutical company?
() Community-based organization?
() College/University?
() Other (Please specify: _____)

15. Have you ever prepared a codebook (i.e., data dictionary)?

- () Yes
() No

16a. Have you ever prepared a conference abstract?

- () Yes
() No

16b. Have you ever presented a(n) abstract/paper at a scientific conference?

- () Yes
(✓) No

16c. Have you ever prepared a manuscript for publication in a peer-reviewed journal?

- () Yes
(✓) No

16d. Have you ever appeared as a coauthor on a manuscript in a peer-reviewed journal?

- () Yes
(✓) No

17. How often do you use the following software packages?

	Always	Often	Sometimes	Never
Microsoft Access (check one)	()	()	()	(✓)
Microsoft Excel (check one)	()	()	(✓)	()
R (check one)	()	()	(✓)	()
STATA (check one)	()	()	(✓)	()
SurveyMonkey (check one)	()	()	()	(✓)
SPSS (check one)	()	()	()	(✓)
ArcGIS (check one)	()	()	()	(✓)
EpiInfo (check one)	()	()	()	(✓)
SAS (check one)	()	()	()	(✓)

18. Please tell us what you know about the following statistical tests:

<u>Statistical test</u>	<u>How you ever heard of...?</u> (circle one)	<u>Have you ever used...?</u> (circle one)
a. Pearson's chi-square test	Y N	Y N
b. Mantel-Haenszel chi-square test	Y N	Y N
c. Student's T-test	Y N	Y N
d. McNemar test	Y N	Y N
e. ANOVA	Y N	Y N
f. Exact tests	Y N	Y N
g. Linear regression	Y N	Y N

<u>Statistical test</u>	How you ever heard of...? (circle one)	Have you ever used...? (circle one)
h. Logistic regression	Y N	Y N
i. Poisson regression	Y N	Y N
j. Negative binomial regression	Y N	Y N
k. Polytomous regression	Y N	Y N

19. Please tell us what you know about these SAS DATA and PROC statements:

<u>SAS KEYWORDS</u>	How you ever heard of...? (circle one)	Have you ever used...? (circle one)
a. PROC SGPlot	Y N	Y N
b. Position option in PROC CONTENTS	Y N	Y N
c. %LET	Y N	Y N
d. Libname	Y N	Y N
e. PROC CONTENTS	Y N	Y N
f. Z5. format	Y N	Y N
g. CMH option	Y N	Y N
h. Update keyword	Y N	Y N
i. Column input	Y N	Y N
j. WEEKDATE.	Y N	Y N
k. PROC TABULATE	Y N	Y N
l. PROC LOGISTIC	Y N	Y N
m. Output delivery system (ODS)	Y N	Y N
n. CATX function	Y N	Y N
o. FIRTH option	Y N	Y N

20a. Are you interest in doing an internship at the Los Angeles County Department of Public Health (DPH)?

- () Yes
 () No
 () I've already done one at DPH

20b. Are you seeking any internships that require you to know SAS?

- () Yes
() No

20c. Are you seeking any jobs that require you to know SAS?

- () Yes
() No

20d. Do you plan to seek employment at the Los Angeles County Department of Public Health (LACDPH)?

- () Yes
() No
() I already work at LACDPH

21. State the reason(s) why you are taking this course: (Check all that apply)

- () It's required
() I need it to get a(n) job/internship
() I am taking it for fun
() My advisor told me to take this course
() Other: _____
-
-

22. List other courses in data analysis you would like UCLA SPH to offer:

- a.
b.
c.
d.

STUDENT SURVEY

1. What is your current degree objective?
 None
 MPH
 MA/MS
 PhD/DrPH
 Other (Please specify: _____)

2. What year are you?
 1st
 2nd
 3rd
 4th
 5th
 6th or more
 Does not apply

3. Have you taken any other courses that used SAS as part of the curriculum (check all that apply):
 Biostatistics 403A
 Biostatistics 406
 Epidemiology 410
 Other (specify): _____

4. Have you taken any of the following courses?
 Statistics/Biostatistics courses
 Epidemiology courses
 Environmental Health courses
 Community Health Science courses
 Health Services courses

5. How much SAS experience do you have?
 No experience whatsoever
 A little experience
 Some experience
 A good bit of experience
 A lot of experience

6. If you have had experience with SAS, what version(s) have you used? (check all that apply)
- () 8
() 9.1
() 9.2
() 9.3
 9.4
() 9.5
() University Edition
() Enterprise Guide
() I have never used SAS before
7. Have you ever taken SAS class from the SAS Institute (e.g., at the Burbank or Irvine locations)?
- () Yes, I took: _____
() Yes, but I don't remember
 No
() I don't remember
- 8a. Do you have a dataset to work with?
- () Yes
 No
- 8b. Do you currently working with a dataset?
- Yes
() No
9. On the scale from 0 (not at all) to 10 (often), how often do you expect to use SAS in the future?
- a. In school? 5.
b. On the job? 5.
- 10a. Will you need SAS to complete your MPH/MS project or dissertation?
- () Yes
() No
 I don't know
- 10b. Have you ever heard of the SAS Certification Exam?
- Yes
 No
() I don't know

11. Where did you hear about EPID M403? (Check all that apply)
- () Friend(s)
() Graduate advisor(s)
() Employer(s)
() Parent(s)
() Flyer(s)
 Course requirement
() Other (Please specify: _____)

12. What grade do you think you will receive in this class?

- A
() B
() C
() D or worse
() I don't know

13. What would you like to do after graduation?

A tenured track professor in Cancer Epidemiology

14. Are you planning to seek employment at... (check all that apply)

- () A local health department?
() The Centers for Disease Control and Prevention?
() A pharmaceutical company?
() Community-based organization?
 College/University?
() Other (Please specify: _____)

15. Have you ever prepared a codebook (i.e., data dictionary)?

- Yes
 No

- 16a. Have you ever prepared a conference abstract?

- Yes
 No

16b. Have you ever presented a(n) abstract/paper at a scientific conference?

- () Yes
() No

16c. Have you ever prepared a manuscript for publication in a peer-reviewed journal?

- () Yes
() No

16d. Have you ever appeared as a coauthor on a manuscript in a peer-reviewed journal?

- () Yes
() No

17. How often do you use the following software packages?

	Always	Often	Sometimes	Never
Microsoft Access (check one)	(<input type="checkbox"/>)	(<input type="checkbox"/>)	(<input type="checkbox"/>)	(<input checked="" type="checkbox"/>)
Microsoft Excel (check one)	(<input type="checkbox"/>)	(<input checked="" type="checkbox"/>)	(<input type="checkbox"/>)	(<input type="checkbox"/>)
R (check one)	(<input type="checkbox"/>)	(<input checked="" type="checkbox"/>)	(<input type="checkbox"/>)	(<input type="checkbox"/>)
STATA (check one)	(<input type="checkbox"/>)	(<input type="checkbox"/>)	(<input checked="" type="checkbox"/>)	(<input type="checkbox"/>)
SurveyMonkey (check one)	(<input type="checkbox"/>)	(<input type="checkbox"/>)	(<input type="checkbox"/>)	(<input checked="" type="checkbox"/>)
SPSS (check one)	(<input type="checkbox"/>)	(<input type="checkbox"/>)	(<input checked="" type="checkbox"/>)	(<input type="checkbox"/>)
ArcGIS (check one)	(<input type="checkbox"/>)	(<input type="checkbox"/>)	(<input type="checkbox"/>)	(<input checked="" type="checkbox"/>)
EpiInfo (check one)	(<input type="checkbox"/>)	(<input type="checkbox"/>)	(<input type="checkbox"/>)	(<input checked="" type="checkbox"/>)
SAS (check one)	(<input type="checkbox"/>)	(<input type="checkbox"/>)	(<input checked="" type="checkbox"/>)	(<input type="checkbox"/>)

18. Please tell us what you know about the following statistical tests:

<u>Statistical test</u>	How you ever heard of...? (circle one)	Have you ever used...? (circle one)
a. Pearson's chi-square test	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N
b. Mantel-Haenszel chi-square test	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N
c. Student's T-test	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N
d. McNemar test	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N
e. ANOVA	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N
f. Exact tests	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N
g. Linear regression	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N

<u>Statistical test</u>	How you ever heard of...? (circle one)		Have you ever used...? (circle one)	
h. Logistic regression	Y	N	Y	N
i. Poisson regression	Y	N	Y	N
j. Negative binomial regression	Y	N	Y	N
k. Polytomous regression	Y	N	Y	N

19. Please tell us what you know about these SAS DATA and PROC statements:

<u>SAS KEYWORDS</u>	How you ever heard of...? (circle one)		Have you ever used...? (circle one)	
a. PROC SGPlot	Y	N	Y	N
b. Position option in PROC CONTENTS	Y	N	Y	N
c. %LET	Y	N	Y	N
d. Libname	Y	N	Y	N
e. PROC CONTENTS	Y	N	Y	N
f. Z5. format	Y	N	Y	N
g. CMH option	Y	N	Y	N
h. Update keyword	Y	N	Y	N
i. Column input	Y	N	Y	N
j. WEEKDATE.	Y	N	Y	N
k. PROC TABULATE	Y	N	Y	N
l. PROC LOGISTIC	Y	N	Y	N
m. Output delivery system (ODS)	Y	N	Y	N
n. CATX function	Y	N	Y	N
o. FIRTH option	Y	N	Y	N

20a. Are you interest in doing an internship at the Los Angeles County Department of Public Health (DPH)?

- Yes
- No
- I've already done one at DPH

- 20b. Are you seeking any internships that require you to know SAS?
 Yes
 No
- 20c. Are you seeking any jobs that require you to know SAS?
 Yes
 No
- 20d. Do you plan to seek employment at the Los Angeles County Department of Public Health (LACDPH)?
 Yes
 No
 I already work at LACDPH
21. State the reason(s) why you are taking this course: (Check all that apply)
- It's required
 I need it to get a(n) job/internship
 I am taking it for fun
 My advisor told me to take this course
 Other: _____

22. List other courses in data analysis you would like UCLA SPH to offer:
a.
b.
c.
d.

STUDENT SURVEY

1. What is your current degree objective?

- None
 MPH
 MA/MS
 PhD/DrPH
 Other (Please specify: _____)

2. What year are you?

- 1st
 2nd
 3rd
 4th
 5th
 6th or more
 Does not apply

3. Have you taken any other courses that used SAS as part of the curriculum (check all that apply):

- Biostatistics 403A
 Biostatistics 406
 Epidemiology 410
 Other (specify): _____

4. Have you taken any of the following courses?

- Statistics/Biostatistics courses
 Epidemiology courses
 Environmental Health courses
 Community Health Science courses
 Health Services courses

5. How much SAS experience do you have?

- No experience whatsoever
 A little experience
 Some experience
 A good bit of experience
 A lot of experience

6. If you have had experience with SAS, what version(s) have you used? (check all that apply)
- () 8
() 9.1
() 9.2
() 9.3
() 9.4
() 9.5
() University Edition
() Enterprise Guide
() I have never used SAS before
7. Have you ever taken SAS class from the SAS Institute (e.g., at the Burbank or Irvine locations)?
() Yes, I took: _____
() Yes, but I don't remember
() No
() I don't remember
- 8a. Do you have a dataset to work with?
() Yes
() No
- 8b. Do you currently working with a dataset?
() Yes
() No
9. On the scale from 0 (not at all) to 10 (often), how often do you expect to use SAS in the future?
- a. In school? 7.
b. On the job? 7.
- 10a. Will you need SAS to complete your MPH/MS project or dissertation?
() Yes
() No
() I don't know
- 10b. Have you ever heard of the SAS Certification Exam?
() Yes
() No
() I don't know

11. Where did you hear about EPID M403? (Check all that apply)

- () Friend(s)
() Graduate advisor(s)
() Employer(s)
() Parent(s)
() Flyer(s)
() Course requirement
() Other (Please specify: _____)

12. What grade do you think you will receive in this class?

- () A
() B
() C
() D or worse
() I don't know

13. What would you like to do after graduation?

I would like to work in a health department
or hospital doing epidemiology work
and possibly working in Quality Improvement

14. Are you planning to seek employment at... (check all that apply)

- () A local health department?
() The Centers for Disease Control and Prevention?
() A pharmaceutical company?
() Community-based organization?
() College/University?
() Other (Please specify: _____)

15. Have you ever prepared a codebook (i.e., data dictionary)?

- () Yes
() No

16a. Have you ever prepared a conference abstract?

- () Yes
() No

16b. Have you ever presented a(n) abstract/paper at a scientific conference?

() Yes
() No

16c. Have you ever prepared a manuscript for publication in a peer-reviewed journal?

() Yes
() No

16d. Have you ever appeared as a coauthor on a manuscript in a peer-reviewed journal?

() Yes
() No

17. How often do you use the following software packages?

	Always	Often	Sometimes	Never
Microsoft Access (check one)	(<input type="checkbox"/>)	(<input checked="" type="checkbox"/>)	(<input type="checkbox"/>)	(<input type="checkbox"/>)
Microsoft Excel (check one)	(<input type="checkbox"/>)	(<input checked="" type="checkbox"/>)	(<input type="checkbox"/>)	(<input type="checkbox"/>)
R (check one)	(<input type="checkbox"/>)	(<input type="checkbox"/>)	(<input type="checkbox"/>)	(<input checked="" type="checkbox"/>)
STATA (check one)	(<input type="checkbox"/>)	(<input type="checkbox"/>)	(<input type="checkbox"/>)	(<input checked="" type="checkbox"/>)
SurveyMonkey (check one)	(<input type="checkbox"/>)	(<input checked="" type="checkbox"/>)	(<input type="checkbox"/>)	(<input type="checkbox"/>)
SPSS (check one)	(<input type="checkbox"/>)	(<input type="checkbox"/>)	(<input type="checkbox"/>)	(<input checked="" type="checkbox"/>)
ArcGIS (check one)	(<input type="checkbox"/>)	(<input type="checkbox"/>)	(<input type="checkbox"/>)	(<input checked="" type="checkbox"/>)
EpiInfo (check one)	(<input type="checkbox"/>)	(<input type="checkbox"/>)	(<input type="checkbox"/>)	(<input checked="" type="checkbox"/>)
SAS (check one)	(<input type="checkbox"/>)	(<input type="checkbox"/>)	(<input type="checkbox"/>)	(<input checked="" type="checkbox"/>)

18. Please tell us what you know about the following statistical tests:

<u>Statistical test</u>	How you ever heard of...? (circle one)	Have you ever used...? (circle one)
a. Pearson's chi-square test	(Y) N	(Y) N
b. Mantel-Haenszel chi-square test	(Y) N	(Y) N
c. Student's T-test	(Y) N	(Y) N
d. McNemar test	Y (N)	Y (N)
e. ANOVA	Y (N)	Y (N)
f. Exact tests	Y (N)	Y (N)
g. Linear regression	(Y) N	Y (N)

<u>Statistical test</u>	How you ever heard of...? (circle one)	Have you ever used...? (circle one)
h. Logistic regression	Y <input checked="" type="radio"/> N <input type="radio"/>	Y <input checked="" type="radio"/> N <input type="radio"/>
i. Poisson regression	Y <input checked="" type="radio"/> N <input type="radio"/>	Y <input checked="" type="radio"/> N <input type="radio"/>
j. Negative binomial regression	Y <input checked="" type="radio"/> N <input type="radio"/>	Y <input checked="" type="radio"/> N <input type="radio"/>
k. Polytomous regression	Y <input checked="" type="radio"/> N <input type="radio"/>	Y <input checked="" type="radio"/> N <input type="radio"/>

19. Please tell us what you know about these SAS DATA and PROC statements:

<u>SAS KEYWORDS</u>	How you ever heard of...? (circle one)	Have you ever used...? (circle one)
a. PROC SGPlot	Y <input checked="" type="radio"/> N <input type="radio"/>	Y <input checked="" type="radio"/> N <input type="radio"/>
b. Position option in PROC CONTENTS	Y <input checked="" type="radio"/> N <input type="radio"/>	Y <input checked="" type="radio"/> N <input type="radio"/>
c. %LET	Y <input checked="" type="radio"/> N <input type="radio"/>	Y <input checked="" type="radio"/> N <input type="radio"/>
d. Libname	Y <input checked="" type="radio"/> N <input type="radio"/>	Y <input checked="" type="radio"/> N <input type="radio"/>
e. PROC CONTENTS	Y <input checked="" type="radio"/> N <input type="radio"/>	Y <input checked="" type="radio"/> N <input type="radio"/>
f. Z5. format	Y <input checked="" type="radio"/> N <input type="radio"/>	Y <input checked="" type="radio"/> N <input type="radio"/>
g. CMH option	Y <input checked="" type="radio"/> N <input type="radio"/>	Y <input checked="" type="radio"/> N <input type="radio"/>
h. Update keyword	Y <input checked="" type="radio"/> N <input type="radio"/>	Y <input checked="" type="radio"/> N <input type="radio"/>
i. Column input	Y <input checked="" type="radio"/> N <input type="radio"/>	Y <input checked="" type="radio"/> N <input type="radio"/>
j. WEEKDATE.	Y <input checked="" type="radio"/> N <input type="radio"/>	Y <input checked="" type="radio"/> N <input type="radio"/>
k. PROC TABULATE	Y <input checked="" type="radio"/> N <input type="radio"/>	Y <input checked="" type="radio"/> N <input type="radio"/>
l. PROC LOGISTIC	Y <input checked="" type="radio"/> N <input type="radio"/>	Y <input checked="" type="radio"/> N <input type="radio"/>
m. Output delivery system (ODS)	Y <input checked="" type="radio"/> N <input type="radio"/>	Y <input checked="" type="radio"/> N <input type="radio"/>
n. CATX function	Y <input checked="" type="radio"/> N <input type="radio"/>	Y <input checked="" type="radio"/> N <input type="radio"/>
o. FIRTH option	Y <input checked="" type="radio"/> N <input type="radio"/>	Y <input checked="" type="radio"/> N <input type="radio"/>

20a. Are you interest in doing an internship at the Los Angeles County Department of Public Health (DPH)?

- () Yes
 () No
 () I've already done one at DPH

- 20b. Are you seeking any internships that require you to know SAS?
 Yes
 No
- 20c. Are you seeking any jobs that require you to know SAS?
 Yes
 No
- 20d. Do you plan to seek employment at the Los Angeles County Department of Public Health (LACDPH)?
 Yes
 No
 I already work at LACDPH
21. State the reason(s) why you are taking this course: (Check all that apply)
- It's required
 I need it to get a(n) job/internship
 I am taking it for fun
 My advisor told me to take this course
 Other: _____

22. List other courses in data analysis you would like UCLA SPH to offer:
- a.
 - b.
 - c.
 - d.

STUDENT SURVEY

1. What is your current degree objective?
 None
 MPH
 MA/MS
 PhD/DrPH
 Other (Please specify: _____)

2. What year are you?
 1st
 2nd
 3rd
 4th
 5th
 6th or more
 Does not apply

3. Have you taken any other courses that used SAS as part of the curriculum (check all that apply):
 Biostatistics 403A
 Biostatistics 406
 Epidemiology 410
 Other (specify): _____

4. Have you taken any of the following courses?
 Statistics/Biostatistics courses
 Epidemiology courses
 Environmental Health courses
 Community Health Science courses
 Health Services courses
| PHD 203A

5. How much SAS experience do you have?
 No experience whatsoever
 A little experience
 Some experience
 A good bit of experience
 A lot of experience

6. If you have had experience with SAS, what version(s) have you used? (check all that apply)
- () 8
() 9.1
() 9.2
() 9.3
(✓) 9.4
() 9.5
() University Edition
() Enterprise Guide
() I have never used SAS before
7. Have you ever taken SAS class from the SAS Institute (e.g., at the Burbank or Irvine locations)?
- () Yes, I took: _____
(✓) Yes, but I don't remember
(✓) No
() I don't remember
- 8a. Do you have a dataset to work with?
- (✓) Yes
(✓) No
- 8b. Do you currently working with a dataset?
- (✓) Yes
(✓) No
9. On the scale from 0 (not at all) to 10 (often), how often do you expect to use SAS in the future?
- a. In school? 10.
b. On the job? 10.
- 10a. Will you need SAS to complete your MPH/MS project or dissertation?
- () Yes
(✓) No
(✓) I don't know
- 10b. Have you ever heard of the SAS Certification Exam?
- () Yes
(✓) No
(✓) I don't know

11. Where did you hear about EPID M403? (Check all that apply)

- () Friend(s)
() Graduate advisor(s)
() Employer(s)
() Parent(s)
() Flyer(s)
() Course requirement
() Other (Please specify: _____)

12. What grade do you think you will receive in this class?

- () A
() B
() C
() D or worse
() I don't know

13. What would you like to do after graduation?

14. Are you planning to seek employment at... (check all that apply)

- () A local health department?
() The Centers for Disease Control and Prevention?
() A pharmaceutical company?
() Community-based organization?
() College/University?
() Other (Please specify: _____)

15. Have you ever prepared a codebook (i.e., data dictionary)?

- () Yes
() No

16a. Have you ever prepared a conference abstract?

- () Yes
() No

16b. Have you ever presented a(n) abstract/paper at a scientific conference?

- Yes
 No

16c. Have you ever prepared a manuscript for publication in a peer-reviewed journal?

- Yes
 No

16d. Have you ever appeared as a coauthor on a manuscript in a peer-reviewed journal?

- Yes
 No

17. How often do you use the following software packages?

	Always	Often	Sometimes	Never
Microsoft Access (check one)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Microsoft Excel (check one)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
R (check one)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
STATA (check one)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
SurveyMonkey (check one)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
SPSS (check one)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
ArcGIS (check one)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
EpiInfo (check one)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
SAS (check one)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

18. Please tell us what you know about the following statistical tests:

<u>Statistical test</u>	How you ever heard of...? (circle one)	Have you ever used...? (circle one)
a. Pearson's chi-square test	<input checked="" type="radio"/> Y <input type="radio"/> N	<input checked="" type="radio"/> Y <input type="radio"/> N
b. Mantel-Haenszel chi-square test	<input checked="" type="radio"/> Y <input checked="" type="radio"/> N	<input checked="" type="radio"/> Y <input type="radio"/> N
c. Student's T-test	<input checked="" type="radio"/> Y <input type="radio"/> N	<input checked="" type="radio"/> Y <input type="radio"/> N
d. McNemar test	<input checked="" type="radio"/> Y <input checked="" type="radio"/> N	<input checked="" type="radio"/> Y <input type="radio"/> N
e. ANOVA	<input checked="" type="radio"/> Y <input type="radio"/> N	<input checked="" type="radio"/> Y <input type="radio"/> N
f. Exact tests	<input checked="" type="radio"/> Y <input checked="" type="radio"/> N	<input checked="" type="radio"/> Y <input type="radio"/> N
g. Linear regression	<input checked="" type="radio"/> Y <input checked="" type="radio"/> N	<input checked="" type="radio"/> Y <input type="radio"/> N

<u>Statistical test</u>	How you ever heard of...? (circle one)		Have you ever used...? (circle one)	
h. Logistic regression	<input checked="" type="radio"/>	N	<input checked="" type="radio"/>	N
i. Poisson regression	Y	<input checked="" type="radio"/>	Y	<input checked="" type="radio"/>
j. Negative binomial regression	Y	<input checked="" type="radio"/>	Y	<input checked="" type="radio"/>
k. Polytomous regression	Y	<input checked="" type="radio"/>	Y	<input checked="" type="radio"/>

19. Please tell us what you know about these SAS DATA and PROC statements:

<u>SAS KEYWORDS</u>	How you ever heard of...? (circle one)		Have you ever used...? (circle one)	
a. PROC SGPlot	Y	<input checked="" type="radio"/>	Y	<input checked="" type="radio"/>
b. Position option in PROC CONTENTS	Y	<input checked="" type="radio"/>	Y	<input checked="" type="radio"/>
c. %LET	Y	<input checked="" type="radio"/>	Y	<input checked="" type="radio"/>
d. Libname	Y	<input checked="" type="radio"/>	Y	<input checked="" type="radio"/>
e. PROC CONTENTS	Y	<input checked="" type="radio"/>	Y	<input checked="" type="radio"/>
f. Z5. format	Y	<input checked="" type="radio"/>	Y	<input checked="" type="radio"/>
g. CMH option	Y	<input checked="" type="radio"/>	Y	<input checked="" type="radio"/>
h. Update keyword	Y	<input checked="" type="radio"/>	Y	<input checked="" type="radio"/>
i. Column input	Y	<input checked="" type="radio"/>	Y	<input checked="" type="radio"/>
j. WEEKDATE.	Y	<input checked="" type="radio"/>	Y	<input checked="" type="radio"/>
k. PROC TABULATE	Y	<input checked="" type="radio"/>	Y	<input checked="" type="radio"/>
l. PROC LOGISTIC	Y	<input checked="" type="radio"/>	Y	<input checked="" type="radio"/>
m. Output delivery system (ODS)	Y	<input checked="" type="radio"/>	Y	<input checked="" type="radio"/>
n. CATX function	Y	<input checked="" type="radio"/>	Y	<input checked="" type="radio"/>
o. FIRTH option	Y	<input checked="" type="radio"/>	Y	<input checked="" type="radio"/>

20a. Are you interest in doing an internship at the Los Angeles County Department of Public Health (DPH)?

() Yes

() No

() I've already done one at DPH

20b. Are you seeking any internships that require you to know SAS?

- Yes
 No

20c. Are you seeking any jobs that require you to know SAS?

- Yes
 No

20d. Do you plan to seek employment at the Los Angeles County Department of Public Health (LACDPH)?

- Yes
 No
 I already work at LACDPH

21. State the reason(s) why you are taking this course: (Check all that apply)

- It's required
 I need it to get a(n) job/internship
 I am taking it for fun
 My advisor told me to take this course
 Other: _____

22. List other courses in data analysis you would like UCLA SPH to offer:

a.

R
STATA

c.

d.

STUDENT SURVEY

1. What is your current degree objective?

- () None
() MPH
() MA/MS
() PhD/DrPH
() Other (Please specify: _____)

2. What year are you?

- () 1st
() 2nd
() 3rd
() 4th
() 5th
() 6th or more
() Does not apply

3. Have you taken any other courses that used SAS as part of the curriculum (check all that apply):

- () Biostatistics 403A
() Biostatistics 406
() Epidemiology 410
() Other (specify): _____

4. Have you taken any of the following courses?

- () Statistics/Biostatistics courses
() Epidemiology courses
() Environmental Health courses
() Community Health Science courses
() Health Services courses

5. How much SAS experience do you have?

- () No experience whatsoever
() A little experience
() Some experience
() A good bit of experience
() A lot of experience

6. If you have had experience with SAS, what version(s) have you used? (check all that apply)
- () 8
() 9.1
() 9.2
() 9.3
() 9.4
() 9.5
() University Edition
() Enterprise Guide
(✓) I have never used SAS before •
7. Have you ever taken SAS class from the SAS Institute (e.g., at the Burbank or Irvine locations)?
- () Yes, I took: _____
(✓) Yes, but I don't remember
(✓) No
() I don't remember
- 8a. Do you have a dataset to work with?
- () Yes
(✓) No
- 8b. Do you currently working with a dataset?
- (✓) Yes
(✓) No
9. On the scale from 0 (not at all) to 10 (often), how often do you expect to use SAS in the future?
- a. In school? 5.
b. On the job? 6.
- 10a. Will you need SAS to complete your MPH/MS project or dissertation?
- (✓) Yes
() No
() I don't know
- 10b. Have you ever heard of the SAS Certification Exam?
- (✓) Yes
(✓) No
() I don't know
-

11. Where did you hear about EPID M403? (Check all that apply)

- () Friend(s)
() Graduate advisor(s)
() Employer(s)
() Parent(s)
() Flyer(s)
() Course requirement
() Other (Please specify: _____)

12. What grade do you think you will receive in this class?

- () A
() B
() C
() D or worse
() I don't know

13. What would you like to do after graduation?

Work in CDC or WHO or LADPH as an
epidemiologist.

14. Are you planning to seek employment at... (check all that apply)

- () A local health department?
() The Centers for Disease Control and Prevention?
() A pharmaceutical company?
() Community-based organization?
() College/University?
() Other (Please specify: _____)

15. Have you ever prepared a codebook (i.e., data dictionary)?

- () Yes
() No

16a. Have you ever prepared a conference abstract?

- () Yes
() No

16b. Have you ever presented a(n) abstract/paper at a scientific conference?

- () Yes
() No

16c. Have you ever prepared a manuscript for publication in a peer-reviewed journal?

- () Yes
() No

16d. Have you ever appeared as a coauthor on a manuscript in a peer-reviewed journal?

- () Yes
() No

17. How often do you use the following software packages?

	Always	Often	Sometimes	Never
Microsoft Access (check one)	(<input type="checkbox"/>)	(<input type="checkbox"/>)	(<input type="checkbox"/>)	(<input checked="" type="checkbox"/>)
Microsoft Excel (check one)	(<input type="checkbox"/>)	(<input checked="" type="checkbox"/>)	(<input type="checkbox"/>)	(<input type="checkbox"/>)
R (check one)	(<input type="checkbox"/>)	(<input type="checkbox"/>)	(<input checked="" type="checkbox"/>)	(<input type="checkbox"/>)
STATA (check one)	(<input type="checkbox"/>)	(<input type="checkbox"/>)	(<input type="checkbox"/>)	(<input checked="" type="checkbox"/>)
SurveyMonkey (check one)	(<input type="checkbox"/>)	(<input type="checkbox"/>)	(<input checked="" type="checkbox"/>)	(<input type="checkbox"/>)
SPSS (check one)	(<input type="checkbox"/>)	(<input type="checkbox"/>)	(<input checked="" type="checkbox"/>)	(<input type="checkbox"/>)
ArcGIS (check one)	(<input type="checkbox"/>)	(<input type="checkbox"/>)	(<input type="checkbox"/>)	(<input checked="" type="checkbox"/>)
EpiInfo (check one)	(<input type="checkbox"/>)	(<input type="checkbox"/>)	(<input type="checkbox"/>)	(<input checked="" type="checkbox"/>)
SAS (check one)	(<input type="checkbox"/>)	(<input type="checkbox"/>)	(<input type="checkbox"/>)	(<input checked="" type="checkbox"/>)

18. Please tell us what you know about the following statistical tests:

<u>Statistical test</u>	<u>How you ever heard of...?</u> (circle one)	<u>Have you ever used...?</u> (circle one)
a. Pearson's chi-square test	(Y) N	(Y) N
b. Mantel-Haenszel chi-square test	Y (N)	Y (N)
c. Student's T-test	(Y) N	(Y) N
d. McNemar test	Y (N)	Y (N)
e. ANOVA	(Y) N	(Y) N
f. Exact tests	(Y) N	Y (N)
g. Linear regression	(Y) N	(Y) N

<u>Statistical test</u>	How you ever heard of...? (circle one)	Have you ever used...? (circle one)
h. Logistic regression	Y N	Y N
i. Poisson regression	Y N	Y N
j. Negative binomial regression	Y N	Y N
k. Polytomous regression	Y N	Y N

19. Please tell us what you know about these SAS DATA and PROC statements:

<u>SAS KEYWORDS</u>	How you ever heard of...? (circle one)	Have you ever used...? (circle one)
a. PROC SGPLOT	Y N	Y N
b. Position option in PROC CONTENTS	Y N	Y N
c. %LET	Y N	Y N
d. Libname	Y N	Y N
e. PROC CONTENTS	Y N	Y N
f. Z5. format	Y N	Y N
g. CMH option	Y N	Y N
h. Update keyword	Y N	Y N
i. Column input	Y N	Y N
j. WEEKDATE.	Y N	Y N
k. PROC TABULATE	Y N	Y N
l. PROC LOGISTIC	Y N	Y N
m. Output delivery system (ODS)	Y N	Y N
n. CATX function	Y N	Y N
o. FIRTH option	Y N	Y N

20a. Are you interest in doing an internship at the Los Angeles County Department of Public Health (DPH)?

- () Yes
 () No
 () I've already done one at DPH

20b. Are you seeking any internships that require you to know SAS?

- Yes
 No

20c. Are you seeking any jobs that require you to know SAS?

- Yes
 No

20d. Do you plan to seek employment at the Los Angeles County Department of Public Health (LACDPH)?

- Yes
 No
 I already work at LACDPH

21. State the reason(s) why you are taking this course: (Check all that apply)

- It's required
 I need it to get a(n) job/internship
 I am taking it for fun
 My advisor told me to take this course
 Other: _____

22. List other courses in data analysis you would like UCLA SPH to offer:

a.

b.

c.

d.

STUDENT SURVEY

1. What is your current degree objective?
 None
 MPH
 MA/MS
 PhD/DrPH
 Other (Please specify: _____)
2. What year are you?
 1st
 2nd
 3rd
 4th
 5th
 6th or more
 Does not apply
3. Have you taken any other courses that used SAS as part of the curriculum (check all that apply):
 Biostatistics 403A
 Biostatistics 406
 Epidemiology 410
 Other (specify): _____
4. Have you taken any of the following courses?
 Statistics/Biostatistics courses
 Epidemiology courses
 Environmental Health courses
 Community Health Science courses
 Health Services courses
5. How much SAS experience do you have?
 No experience whatsoever
 A little experience
 Some experience
 A good bit of experience
 A lot of experience

6. If you have had experience with SAS, what version(s) have you used? (check all that apply)
- () 8
() 9.1
() 9.2
() 9.3
() 9.4
() 9.5
() University Edition
() Enterprise Guide
(X) I have never used SAS before
7. Have you ever taken SAS class from the SAS Institute (e.g., at the Burbank or Irvine locations)?
() Yes, I took: _____
() Yes, but I don't remember
(X) No
() I don't remember
- 8a. Do you have a dataset to work with?
() Yes
(X) No
- 8b. Do you currently working with a dataset?
() Yes
(X) No
9. On the scale from 0 (not at all) to 10 (often), how often do you expect to use SAS in the future?
- a. In school? 10.
b. On the job? 10.
- 10a. Will you need SAS to complete your MPH/MS project or dissertation?
() Yes
() No
(X) I don't know
- 10b. Have you ever heard of the SAS Certification Exam?
() Yes
(X) No
() I don't know

11. Where did you hear about EPID M403? (Check all that apply)
- () Friend(s)
() Graduate advisor(s)
() Employer(s)
() Parent(s)
() Flyer(s)
() Course requirement
() Other (Please specify: _____)

12. What grade do you think you will receive in this class?
- () A
() B
() C
() D or worse
() I don't know

13. What would you like to do after graduation?
-
-
-

SAS Data Analyst consultant for kp or another health services organization

14. Are you planning to seek employment at... (check all that apply)
- () A local health department?
() The Centers for Disease Control and Prevention?
() A pharmaceutical company?
() Community-based organization?
() College/University?
() Other (Please specify: _____)

15. Have you ever prepared a codebook (i.e., data dictionary)?
- () Yes
() No

- 16a. Have you ever prepared a conference abstract?
- () Yes
() No

16b. Have you ever presented a(n) abstract/paper at a scientific conference?

- () Yes
() No

16c. Have you ever prepared a manuscript for publication in a peer-reviewed journal?

- () Yes
() No

16d. Have you ever appeared as a coauthor on a manuscript in a peer-reviewed journal?

- () Yes
() No

17. How often do you use the following software packages?

	Always	Often	Sometimes	Never
Microsoft Access (check one)	(<input type="checkbox"/>)	(<input type="checkbox"/>)	(<input type="checkbox"/>)	(<input checked="" type="checkbox"/>)
Microsoft Excel (check one)	(<input checked="" type="checkbox"/>)	(<input type="checkbox"/>)	(<input type="checkbox"/>)	(<input type="checkbox"/>)
R (check one)	(<input type="checkbox"/>)	(<input type="checkbox"/>)	(<input type="checkbox"/>)	(<input checked="" type="checkbox"/>)
STATA (check one)	(<input type="checkbox"/>)	(<input type="checkbox"/>)	(<input type="checkbox"/>)	(<input checked="" type="checkbox"/>)
SurveyMonkey (check one)	(<input type="checkbox"/>)	(<input type="checkbox"/>)	(<input checked="" type="checkbox"/>)	(<input type="checkbox"/>)
SPSS (check one)	(<input type="checkbox"/>)	(<input type="checkbox"/>)	(<input type="checkbox"/>)	(<input checked="" type="checkbox"/>)
ArcGIS (check one)	(<input type="checkbox"/>)	(<input type="checkbox"/>)	(<input type="checkbox"/>)	(<input checked="" type="checkbox"/>)
EpiInfo (check one)	(<input type="checkbox"/>)	(<input type="checkbox"/>)	(<input type="checkbox"/>)	(<input checked="" type="checkbox"/>)
SAS (check one)	(<input type="checkbox"/>)	(<input type="checkbox"/>)	(<input type="checkbox"/>)	(<input checked="" type="checkbox"/>)

18. Please tell us what you know about the following statistical tests:

<u>Statistical test</u>	<u>How you ever heard of...?</u> (circle one)	<u>Have you ever used...?</u> (circle one)
a. Pearson's chi-square test	Y (<input type="radio"/> N)	Y (<input type="radio"/> N)
b. Mantel-Haenszel chi-square test	Y (<input type="radio"/> N)	Y (<input type="radio"/> N)
c. Student's T-test	(Y) N	Y (<input type="radio"/> N)
d. McNemar test	Y (<input type="radio"/> N)	Y (<input type="radio"/> N)
e. ANOVA	Y (<input type="radio"/> N)	Y (<input type="radio"/> N)
f. Exact tests	Y (<input type="radio"/> N)	Y (<input type="radio"/> N)
g. Linear regression	(Y) N	Y (<input type="radio"/> N)

<u>Statistical test</u>	How you ever heard of...? (circle one)	Have you ever used...? (circle one)
h. Logistic regression	Y <input checked="" type="radio"/> N	Y <input checked="" type="radio"/> N
i. Poisson regression	Y <input checked="" type="radio"/> N	Y <input checked="" type="radio"/> N
j. Negative binomial regression	Y <input checked="" type="radio"/> N	Y <input checked="" type="radio"/> N
k. Polytomous regression	Y <input checked="" type="radio"/> N	Y <input checked="" type="radio"/> N

19. Please tell us what you know about these SAS DATA and PROC statements:

<u>SAS KEYWORDS</u>	How you ever heard of...? (circle one)	Have you ever used...? (circle one)
a. PROC SGPLOT	Y <input checked="" type="radio"/> N	Y <input checked="" type="radio"/> N
b. Position option in PROC CONTENTS	Y <input checked="" type="radio"/> N	Y <input checked="" type="radio"/> N
c. %LET	Y <input checked="" type="radio"/> N	Y <input checked="" type="radio"/> N
d. Libname	Y <input checked="" type="radio"/> N	Y <input checked="" type="radio"/> N
e. PROC CONTENTS	Y <input checked="" type="radio"/> N	Y <input checked="" type="radio"/> N
f. Z5. format	Y <input checked="" type="radio"/> N	Y <input checked="" type="radio"/> N
g. CMH option	Y <input checked="" type="radio"/> N	Y <input checked="" type="radio"/> N
h. Update keyword	Y <input checked="" type="radio"/> N	Y <input checked="" type="radio"/> N
i. Column input	Y <input checked="" type="radio"/> N	Y <input checked="" type="radio"/> N
j. WEEKDATE.	Y <input checked="" type="radio"/> N	Y <input checked="" type="radio"/> N
k. PROC TABULATE	Y <input checked="" type="radio"/> N	Y <input checked="" type="radio"/> N
l. PROC LOGISTIC	Y <input checked="" type="radio"/> N	Y <input checked="" type="radio"/> N
m. Output delivery system (ODS)	Y <input checked="" type="radio"/> N	Y <input checked="" type="radio"/> N
n. CATX function	Y <input checked="" type="radio"/> N	Y <input checked="" type="radio"/> N
o. FIRTH option	Y <input checked="" type="radio"/> N	Y <input checked="" type="radio"/> N

20a. Are you interest in doing an internship at the Los Angeles County Department of Public Health (DPH)?

- () Yes
 () No
 () I've already done one at DPH

- 20b. Are you seeking any internships that require you to know SAS?
 Yes
 No
- 20c. Are you seeking any jobs that require you to know SAS?
 Yes
 No
- 20d. Do you plan to seek employment at the Los Angeles County Department of Public Health (LACDPH)?
 Yes
 No
 I already work at LACDPH
21. State the reason(s) why you are taking this course: (Check all that apply)
- It's required
 I need it to get a(n) job/internship
 I am taking it for fun
 My advisor told me to take this course
 Other: _____

22. List other courses in data analysis you would like UCLA SPH to offer:
- a. Java
 - b. Python
 - c. R
 - d. ArcGIS.

STUDENT SURVEY

1. What is your current degree objective?

() None
() MPH
() MA/MS
 PhD/DrPH
() Other (Please specify: _____)
2. What year are you?

1st
() 2nd
() 3rd
() 4th
() 5th
() 6th or more
() Does not apply
3. Have you taken any other courses that used SAS as part of the curriculum (check all that apply):

() Biostatistics 403A
() Biostatistics 406
() Epidemiology 410
 Other (specify): at another school of public health
SAS was integrated into multivariable regression
4. Have you taken any of the following courses?

Statistics/Biostatistics courses
 Epidemiology courses
 Environmental Health courses
 Community Health Science courses
 Health Services courses

@ another school
(columbia mailman)
5. How much SAS experience do you have?

() No experience whatsoever
 A little experience
 Some experience
() A good bit of experience
() A lot of experience

6. If you have had experience with SAS, what version(s) have you used? (check all that apply)
- () 8
() 9.1
() 9.2
(X) 9.3
() 9.4
() 9.5
(X) University Edition
() Enterprise Guide
() I have never used SAS before
7. Have you ever taken SAS class from the SAS Institute (e.g., at the Burbank or Irvine locations)?
- () Yes, I took: _____
() Yes, but I don't remember
(X) No
() I don't remember
- 8a. Do you have a dataset to work with?
- () Yes
(X) No
- 8b. Do you currently working with a dataset?
- () Yes
(X) No
9. On the scale from 0 (not at all) to 10 (often), how often do you expect to use SAS in the future?
- a. In school? 10.
b. On the job? 10.
- 10a. Will you need SAS to complete your MPH/MS project or dissertation?
- (X) Yes
() No
() I don't know
- 10b. Have you ever heard of the SAS Certification Exam?
- (X) Yes
() No
() I don't know

11. Where did you hear about EPID M403? (Check all that apply)

- () Friend(s)
() Graduate advisor(s)
() Employer(s)
() Parent(s)
() Flyer(s)
() Course requirement
() Other (Please specify: _____)

12. What grade do you think you will receive in this class?

- () A
() B
() C
() D or worse
() I don't know - I hope I do well :)

13. What would you like to do after graduation?

I would like to research on neurodegenerative diseases for a department of health or in academia.

(CDC b/c its in area where I am from :))

14. Are you planning to seek employment at... (check all that apply)

- () A local health department?
() The Centers for Disease Control and Prevention?
() A pharmaceutical company?
() Community-based organization?
() College/University?
() Other (Please specify: _____)

15. Have you ever prepared a codebook (i.e., data dictionary)?

- () Yes
() No

16a. Have you ever prepared a conference abstract?

- () Yes
() No

16b. Have you ever presented a(n) abstract/paper at a scientific conference?

- Yes
 No

16c. Have you ever prepared a manuscript for publication in a peer-reviewed journal?

- Yes
 No

16d. Have you ever appeared as a coauthor on a manuscript in a peer-reviewed journal?

- Yes
 No

17. How often do you use the following software packages?

	Always	Often	Sometimes	Never
Microsoft Access (check one)	()	()	()	(X)
Microsoft Excel (check one)	()	(X)	()	()
R (check one)	()	()	(X)	()
STATA (check one)	()	(X)	()	()
SurveyMonkey (check one)	()	()	(X)	()
SPSS (check one)	()	()	()	(X)
ArcGIS (check one)	()	()	()	(X)
EpiInfo (check one)	()	()	()	(X)
SAS (check one)	()	()	(X)	()

18. Please tell us what you know about the following statistical tests:

<u>Statistical test</u>	How you ever heard of...? (circle one)	Have you ever used...? (circle one)
a. Pearson's chi-square test	<input checked="" type="radio"/> Y N	<input checked="" type="radio"/> Y N
b. Mantel-Haenszel chi-square test	<input checked="" type="radio"/> Y N	<input checked="" type="radio"/> Y N
c. Student's T-test	<input checked="" type="radio"/> Y N	<input checked="" type="radio"/> Y N
d. McNemar test	Y <input checked="" type="radio"/> N	Y <input checked="" type="radio"/> N
e. ANOVA	<input checked="" type="radio"/> Y N	<input checked="" type="radio"/> Y N
f. Exact tests	Y <input checked="" type="radio"/> N	Y <input checked="" type="radio"/> N
g. Linear regression	<input checked="" type="radio"/> Y N	<input checked="" type="radio"/> Y N

<u>Statistical test</u>	How you ever heard of...? (circle one)	Have you ever used...? (circle one)
h. Logistic regression	(Y) N	(Y) N
i. Poisson regression	Y (N)	Y (N)
j. Negative binomial regression	(Y) N	(Y) N
k. Polytomous regression	(Y) N	(Y) N

19. Please tell us what you know about these SAS DATA and PROC statements:

<u>SAS KEYWORDS</u>	How you ever heard of...? (circle one)	Have you ever used...? (circle one)
a. PROC SGPLOT	(Y) N	(Y) N
b. Position option in PROC CONTENTS	(Y) N	(Y) N
c. %LET	Y (N)	Y (N)
d. Libname	Y (N)	Y (N)
e. PROC CONTENTS	(Y) N	(Y) N
f. Z5. format	Y (N)	Y (N)
g. CMH option	Y (N)	Y (N)
h. Update keyword	Y (N)	Y (N)
i. Column input	Y (N)	Y (N)
j. WEEKDATE.	Y (N)	Y (N)
k. PROC TABULATE	(Y) N	(Y) N
l. PROC LOGISTIC	(Y) N	(Y) N
m. Output delivery system (ODS)	Y (N)	Y (N)
n. CATX function	Y (N)	Y (N)
o. FIRTH option	Y (N)	Y (N)

20a. Are you interest in doing an internship at the Los Angeles County Department of Public Health (DPH)?

- (X) Yes
() No
() I've already done one at DPH

20b. Are you seeking any internships that require you to know SAS?

- Yes
 No

20c. Are you seeking any jobs that require you to know SAS?

- Yes
 No

20d. Do you plan to seek employment at the Los Angeles County Department of Public Health (LACDPH)?

- Yes
 No
 I already work at LACDPH

21. State the reason(s) why you are taking this course: (Check all that apply)

- It's required
 I need it to get a(n) job/internship
 I am taking it for fun
 My advisor told me to take this course
 Other: _____

22. List other courses in data analysis you would like UCLA SPH to offer:

- a. R
b.
c.
d.

STUDENT SURVEY

1. What is your current degree objective?
 None
 MPH
 MA/MS
 PhD/DrPH
 Other (Please specify: _____)

2. What year are you?
 1st
 2nd
 3rd
 4th
 5th
 6th or more
 Does not apply

3. Have you taken any other courses that used SAS as part of the curriculum (check all that apply):
 Biostatistics 403A
 Biostatistics 406
 Epidemiology 410
 Other (specify): _____

4. Have you taken any of the following courses?
 Statistics/Biostatistics courses
 Epidemiology courses
 Environmental Health courses
 Community Health Science courses
 Health Services courses

5. How much SAS experience do you have?
 No experience whatsoever
 A little experience
 Some experience
 A good bit of experience
 A lot of experience

6. If you have had experience with SAS, what version(s) have you used? (check all that apply)

- () 8
() 9.1
() 9.2
() 9.3
() 9.4
() 9.5
() University Edition
() Enterprise Guide
() I have never used SAS before

7. Have you ever taken SAS class from the SAS Institute (e.g., at the Burbank or Irvine locations)?

- () Yes, I took: _____
() Yes, but I don't remember
() No
() I don't remember

8a. Do you have a dataset to work with?

- () Yes
() No

8b. Do you currently working with a dataset?

- () Yes
() No

9. On the scale from 0 (not at all) to 10 (often), how often do you expect to use SAS in the future?

- a. In school? 4.
b. On the job? 0.

10a. Will you need SAS to complete your MPH/MS project or dissertation?

- () Yes
() No
() I don't know

10b. Have you ever heard of the SAS Certification Exam?

- () Yes
() No
() I don't know

11. Where did you hear about EPID M403? (Check all that apply)

- () Friend(s)
() Graduate advisor(s)
() Employer(s)
() Parent(s)
() Flyer(s)
() Course requirement
() Other (Please specify: _____)

12. What grade do you think you will receive in this class?

- () A
() B
() C
() D or worse
() I don't know

13. What would you like to do after graduation?

Health care management that is
heavily research oriented.

14. Are you planning to seek employment at... (check all that apply)

- () A local health department?
() The Centers for Disease Control and Prevention?
() A pharmaceutical company?
() Community-based organization?
() College/University?
() Other (Please specify: Hospital)

15. Have you ever prepared a codebook (i.e., data dictionary)?

- () Yes
() No

16a. Have you ever prepared a conference abstract?

- () Yes
() No

16b. Have you ever presented a(n) abstract/paper at a scientific conference?

() Yes
() No

16c. Have you ever prepared a manuscript for publication in a peer-reviewed journal?

() Yes
() No

16d. Have you ever appeared as a coauthor on a manuscript in a peer-reviewed journal?

() Yes
() No

17. How often do you use the following software packages?

	Always	Often	Sometimes	Never
Microsoft Access (check one)	(<input type="checkbox"/>)	(<input type="checkbox"/>)	(<input type="checkbox"/>)	(<input checked="" type="checkbox"/>)
Microsoft Excel (check one)	(<input type="checkbox"/>)	(<input type="checkbox"/>)	(<input type="checkbox"/>)	(<input checked="" type="checkbox"/>)
R (check one)	(<input type="checkbox"/>)	(<input type="checkbox"/>)	(<input type="checkbox"/>)	(<input checked="" type="checkbox"/>)
STATA (check one)	(<input type="checkbox"/>)	(<input type="checkbox"/>)	(<input type="checkbox"/>)	(<input checked="" type="checkbox"/>)
SurveyMonkey (check one)	(<input type="checkbox"/>)	(<input type="checkbox"/>)	(<input checked="" type="checkbox"/>)	(<input type="checkbox"/>)
SPSS (check one)	(<input type="checkbox"/>)	(<input type="checkbox"/>)	(<input checked="" type="checkbox"/>)	(<input type="checkbox"/>)
ArcGIS (check one)	(<input type="checkbox"/>)	(<input type="checkbox"/>)	(<input type="checkbox"/>)	(<input checked="" type="checkbox"/>)
EpilInfo (check one)	(<input type="checkbox"/>)	(<input type="checkbox"/>)	(<input type="checkbox"/>)	(<input checked="" type="checkbox"/>)
SAS (check one)	(<input type="checkbox"/>)	(<input type="checkbox"/>)	(<input type="checkbox"/>)	(<input checked="" type="checkbox"/>)

18. Please tell us what you know about the following statistical tests:

Statistical test	How you ever heard of...? (circle one)	Have you ever used...? (circle one)
a. Pearson's chi-square test	<input checked="" type="radio"/> Y <input type="radio"/> N	<input checked="" type="radio"/> Y <input type="radio"/> N
b. Mantel-Haenszel chi-square test	<input type="radio"/> Y <input checked="" type="radio"/> N	<input type="radio"/> Y <input checked="" type="radio"/> N
c. Student's T-test	<input type="radio"/> Y <input checked="" type="radio"/> N	<input type="radio"/> Y <input checked="" type="radio"/> N
d. McNemar test	<input type="radio"/> Y <input checked="" type="radio"/> N	<input type="radio"/> Y <input checked="" type="radio"/> N
e. ANOVA	<input checked="" type="radio"/> Y <input type="radio"/> N	<input checked="" type="radio"/> Y <input type="radio"/> N
f. Exact tests	<input type="radio"/> Y <input checked="" type="radio"/> N	<input type="radio"/> Y <input checked="" type="radio"/> N
g. Linear regression	<input type="radio"/> Y <input checked="" type="radio"/> N	<input type="radio"/> Y <input checked="" type="radio"/> N

<u>Statistical test</u>	How you ever heard of...? (circle one)	Have you ever used...? (circle one)
h. Logistic regression	Y <input checked="" type="radio"/> N <input type="radio"/>	Y <input checked="" type="radio"/> N <input type="radio"/>
i. Poisson regression	Y <input checked="" type="radio"/> N <input type="radio"/>	Y <input checked="" type="radio"/> N <input type="radio"/>
j. Negative binomial regression	Y <input checked="" type="radio"/> N <input type="radio"/>	Y <input checked="" type="radio"/> N <input type="radio"/>
k. Polytomous regression	Y <input checked="" type="radio"/> N <input type="radio"/>	Y <input checked="" type="radio"/> N <input type="radio"/>

19. Please tell us what you know about these SAS DATA and PROC statements:

<u>SAS KEYWORDS</u>	How you ever heard of...? (circle one)	Have you ever used...? (circle one)
a. PROC SGPlot	Y <input checked="" type="radio"/> N <input type="radio"/>	Y <input checked="" type="radio"/> N <input type="radio"/>
b. Position option in PROC CONTENTS	Y <input checked="" type="radio"/> N <input type="radio"/>	Y <input checked="" type="radio"/> N <input type="radio"/>
c. %LET	Y <input checked="" type="radio"/> N <input type="radio"/>	Y <input checked="" type="radio"/> N <input type="radio"/>
d. Libname	Y <input checked="" type="radio"/> N <input type="radio"/>	Y <input checked="" type="radio"/> N <input type="radio"/>
e. PROC CONTENTS	Y <input checked="" type="radio"/> N <input type="radio"/>	Y <input checked="" type="radio"/> N <input type="radio"/>
f. Z5. format	Y <input checked="" type="radio"/> N <input type="radio"/>	Y <input checked="" type="radio"/> N <input type="radio"/>
g. CMH option	Y <input checked="" type="radio"/> N <input type="radio"/>	Y <input checked="" type="radio"/> N <input type="radio"/>
h. Update keyword	Y <input checked="" type="radio"/> N <input type="radio"/>	Y <input checked="" type="radio"/> N <input type="radio"/>
i. Column input	Y <input checked="" type="radio"/> N <input type="radio"/>	Y <input checked="" type="radio"/> N <input type="radio"/>
j. WEEKDATE.	Y <input checked="" type="radio"/> N <input type="radio"/>	Y <input checked="" type="radio"/> N <input type="radio"/>
k. PROC TABULATE	Y <input checked="" type="radio"/> N <input type="radio"/>	Y <input checked="" type="radio"/> N <input type="radio"/>
l. PROC LOGISTIC	Y <input checked="" type="radio"/> N <input type="radio"/>	Y <input checked="" type="radio"/> N <input type="radio"/>
m. Output delivery system (ODS)	Y <input checked="" type="radio"/> N <input type="radio"/>	Y <input checked="" type="radio"/> N <input type="radio"/>
n. CATX function	Y <input checked="" type="radio"/> N <input type="radio"/>	Y <input checked="" type="radio"/> N <input type="radio"/>
o. FIRTH option	Y <input checked="" type="radio"/> N <input type="radio"/>	Y <input checked="" type="radio"/> N <input type="radio"/>

20a. Are you interest in doing an internship at the Los Angeles County Department of Public Health (DPH)?

- Yes
 No
 I've already done one at DPH

20b. Are you seeking any internships that require you to know SAS?

() Yes

() No

20c. Are you seeking any jobs that require you to know SAS?

() Yes

() No

20d. Do you plan to seek employment at the Los Angeles County Department of Public Health (LACDPH)?

() Yes

() No

() I already work at LACDPH

21. State the reason(s) why you are taking this course: (Check all that apply)

() It's required

() I need it to get a(n) job/internship

() I am taking it for fun

() My advisor told me to take this course

() Other: _____

22. List other courses in data analysis you would like UCLA SPH to offer:

a.

b.

c.

d.

STUDENT SURVEY

1. What is your current degree objective?
 None
 MPH
 MA/MS
 PhD/DrPH
 Other (Please specify: _____)
2. What year are you?
 1st
 2nd
 3rd
 4th
 5th
 6th or more
 Does not apply
3. Have you taken any other courses that used SAS as part of the curriculum (check all that apply):
 Biostatistics 403A
 Biostatistics 406
 Epidemiology 410
 Other (specify): _____
4. Have you taken any of the following courses?
 Statistics/Biostatistics courses
 Epidemiology courses
 Environmental Health courses
 Community Health Science courses
 Health Services courses
5. How much SAS experience do you have?
 No experience whatsoever
 A little experience
 Some experience
 A good bit of experience
 A lot of experience

6. If you have had experience with SAS, what version(s) have you used? (check all that apply)
- () 8
() 9.1
() 9.2
() 9.3
() 9.4
() 9.5
() University Edition
() Enterprise Guide
() I have never used SAS before
7. Have you ever taken SAS class from the SAS Institute (e.g., at the Burbank or Irvine locations)?
- () Yes, I took: _____
() Yes, but I don't remember
() No
() I don't remember
- 8a. Do you have a dataset to work with?
- () Yes
() No
- 8b. Do you currently working with a dataset?
- () Yes
() No
9. On the scale from 0 (not at all) to 10 (often), how often do you expect to use SAS in the future?
- a. In school? 4.
b. On the job? 6.
- 10a. Will you need SAS to complete your MPH/MS project or dissertation?
- () Yes
() No
() I don't know
- 10b. Have you ever heard of the SAS Certification Exam?
- () Yes
() No
() I don't know

11. Where did you hear about EPID M403? (Check all that apply)

- () Friend(s)
 Graduate advisor(s)
() Employer(s)
() Parent(s)
() Flyer(s)
 Course requirement
() Other (Please specify: _____)

12. What grade do you think you will receive in this class?

- () A
() B
() C
() D or worse
 I don't know

13. What would you like to do after graduation?

Not sure yet.

Interested in doing health policy research regarding maternal and child health.

14. Are you planning to seek employment at... (check all that apply)

- A local health department?
 The Centers for Disease Control and Prevention?
() A pharmaceutical company?
 Community-based organization?
 College/University?
() Other (Please specify: _____)

15. Have you ever prepared a codebook (i.e., data dictionary)?

- () Yes
 No

16a. Have you ever prepared a conference abstract?

- () Yes
 No

16b. Have you ever presented a(n) abstract/paper at a scientific conference?

- () Yes
(X) No

16c. Have you ever prepared a manuscript for publication in a peer-reviewed journal?

- () Yes
(X) No

16d. Have you ever appeared as a coauthor on a manuscript in a peer-reviewed journal?

- () Yes
(X) No

17. How often do you use the following software packages?

	Always	Often	Sometimes	Never
Microsoft Access (check one)	()	()	(X)	(X)
Microsoft Excel (check one)	()	()	(X)	()
R (check one)	()	()	()	(X)
STATA (check one)	()	()	()	(X)
SurveyMonkey (check one)	()	()	()	(X)
SPSS (check one)	()	()	(X)	()
ArcGIS (check one)	()	()	()	(X)
EpiInfo (check one)	()	()	()	(X)
SAS (check one)	()	()	()	(X)

18. Please tell us what you know about the following statistical tests:

<u>Statistical test</u>	<u>How you ever heard of...?</u> (circle one)	<u>Have you ever used...?</u> (circle one)
a. Pearson's chi-square test	Y N	Y N
b. Mantel-Haenszel chi-square test	Y N	Y N
c. Student's T-test	Y N	Y N
d. McNemar test	Y N	Y N
e. ANOVA	Y N	Y N
f. Exact tests	Y N	Y N
g. Linear regression	Y N	Y N

<u>Statistical test</u>	How you ever heard of...? (circle one)	Have you ever used...? (circle one)
h. Logistic regression	Y <input checked="" type="radio"/> N	Y <input checked="" type="radio"/> N
i. Poisson regression	Y <input checked="" type="radio"/> N	Y <input checked="" type="radio"/> N
j. Negative binomial regression	Y <input checked="" type="radio"/> N	Y <input checked="" type="radio"/> N
k. Polytomous regression	Y <input checked="" type="radio"/> N	Y <input checked="" type="radio"/> N

19. Please tell us what you know about these SAS DATA and PROC statements:

<u>SAS KEYWORDS</u>	How you ever heard of...? (circle one)	Have you ever used...? (circle one)
a. PROC SGPlot	Y <input checked="" type="radio"/> N	Y <input checked="" type="radio"/> N
b. Position option in PROC CONTENTS	Y <input checked="" type="radio"/> N	Y <input checked="" type="radio"/> N
c. %LET	Y <input checked="" type="radio"/> N	Y <input checked="" type="radio"/> N
d. Libname	Y <input checked="" type="radio"/> N	Y <input checked="" type="radio"/> N
e. PROC CONTENTS	Y <input checked="" type="radio"/> N	Y <input checked="" type="radio"/> N
f. Z5. format	Y <input checked="" type="radio"/> N	Y <input checked="" type="radio"/> N
g. CMH option	Y <input checked="" type="radio"/> N	Y <input checked="" type="radio"/> N
h. Update keyword	Y <input checked="" type="radio"/> N	Y <input checked="" type="radio"/> N
i. Column input	Y <input checked="" type="radio"/> N	Y <input checked="" type="radio"/> N
j. WEEKDATE.	Y <input checked="" type="radio"/> N	Y <input checked="" type="radio"/> N
k. PROC TABULATE	Y <input checked="" type="radio"/> N	Y <input checked="" type="radio"/> N
l. PROC LOGISTIC	Y <input checked="" type="radio"/> N	Y <input checked="" type="radio"/> N
m. Output delivery system (ODS)	Y <input checked="" type="radio"/> N	Y <input checked="" type="radio"/> N
n. CATX function	Y <input checked="" type="radio"/> N	Y <input checked="" type="radio"/> N
o. FIRTH option	Y <input checked="" type="radio"/> N	Y <input checked="" type="radio"/> N

20a. Are you interest in doing an internship at the Los Angeles County Department of Public Health (DPH)?

- () Yes
 () No
 () I've already done one at DPH

- 20b. Are you seeking any internships that require you to know SAS?
 Yes
 No
- 20c. Are you seeking any jobs that require you to know SAS?
 Yes
 No
- 20d. Do you plan to seek employment at the Los Angeles County Department of Public Health (LACDPH)?
 Yes
 No
 I already work at LACDPH
21. State the reason(s) why you are taking this course: (Check all that apply)
- It's required
 I need it to get a(n) job/internship
 I am taking it for fun
 My advisor told me to take this course
 Other: _____

22. List other courses in data analysis you would like UCLA SPH to offer:
- a.
 - b.
 - c.
 - d.

STUDENT SURVEY

1. What is your current degree objective?
 None
 MPH
 MA/MS
 PhD/DrPH
 Other (Please specify: _____)
2. What year are you?
 1st
 2nd
 3rd
 4th
 5th
 6th or more
 Does not apply
3. Have you taken any other courses that used SAS as part of the curriculum (check all that apply):
 Biostatistics 403A
 Biostatistics 406
 Epidemiology 410
 Other (specify): Nope
4. Have you taken any of the following courses?
 Statistics/Biostatistics courses
 Epidemiology courses
 Environmental Health courses
 Community Health Science courses
 Health Services courses
5. How much SAS experience do you have?
 No experience whatsoever
 A little experience
 Some experience
 A good bit of experience
 A lot of experience

6. If you have had experience with SAS, what version(s) have you used? (check all that apply)
- () 8
() 9.1
() 9.2
() 9.3
() 9.4
() 9.5
() University Edition
() Enterprise Guide
() I have never used SAS before
7. Have you ever taken SAS class from the SAS Institute (e.g., at the Burbank or Irvine locations)?
- () Yes, I took: _____
() Yes, but I don't remember
() No
() I don't remember
- 8a. Do you have a dataset to work with?
- () Yes
() No
- 8b. Do you currently working with a dataset?
- () Yes
() No
9. On the scale from 0 (not at all) to 10 (often), how often do you expect to use SAS in the future?
- a. In school? 8.
b. On the job? 8.
- 10a. Will you need SAS to complete your MPH/MS project or dissertation?
- () Yes
() No
() I don't know
- 10b. Have you ever heard of the SAS Certification Exam?
- () Yes
() No
() I don't know

11. Where did you hear about EPID M403? (Check all that apply)

- () Friend(s)
() Graduate advisor(s)
() Employer(s)
() Parent(s)
() Flyer(s)
() Course requirement
() Other (Please specify: _____)

12. What grade do you think you will receive in this class?

- () A
() B
() C
() D or worse
() I don't know

13. What would you like to do after graduation?

I would like to work in a ~~consult~~
consulting company with professional background

14. Are you planning to seek employment at... (check all that apply)

- () A local health department?
() The Centers for Disease Control and Prevention?
() A pharmaceutical company?
() Community-based organization?
() College/University?
() Other (Please specify: Consulting Company)

15. Have you ever prepared a codebook (i.e., data dictionary)?

- () Yes
() No

16a. Have you ever prepared a conference abstract?

- () Yes
() No

16b. Have you ever presented a(n) abstract/paper at a scientific conference?

- Yes
 No

16c. Have you ever prepared a manuscript for publication in a peer-reviewed journal?

- Yes
 No

16d. Have you ever appeared as a coauthor on a manuscript in a peer-reviewed journal?

- Yes
 No

17. How often do you use the following software packages?

	Always	Often	Sometimes	Never
Microsoft Access (check one)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Microsoft Excel (check one)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
R (check one)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
STATA (check one)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
SurveyMonkey (check one)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
SPSS (check one)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
ArcGIS (check one)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
EpiInfo (check one)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
SAS (check one)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

18. Please tell us what you know about the following statistical tests:

<u>Statistical test</u>	How you ever heard of...? (circle one)	Have you ever used...? (circle one)
a. Pearson's chi-square test	Y <input checked="" type="radio"/> N <input type="radio"/>	Y <input type="radio"/> N <input checked="" type="radio"/>
b. Mantel-Haenszel chi-square test	Y <input type="radio"/> N <input checked="" type="radio"/>	Y <input type="radio"/> N <input checked="" type="radio"/>
c. Student's T-test	<input checked="" type="radio"/> Y <input type="radio"/> N	Y <input type="radio"/> N <input checked="" type="radio"/>
d. McNemar test	Y <input type="radio"/> N	Y <input type="radio"/> N <input checked="" type="radio"/>
e. ANOVA	Y <input type="radio"/> N <input checked="" type="radio"/>	Y <input type="radio"/> N <input checked="" type="radio"/>
f. Exact tests	Y <input type="radio"/> N <input checked="" type="radio"/>	Y <input type="radio"/> N <input checked="" type="radio"/>
g. Linear regression	Y <input type="radio"/> N <input checked="" type="radio"/>	Y <input type="radio"/> N <input checked="" type="radio"/>

<u>Statistical test</u>	How you ever heard of...? (circle one)	Have you ever used...? (circle one)
h. Logistic regression	(Y) N	Y (N)
i. Poisson regression	Y (N)	Y (N)
j. Negative binomial regression	Y (N)	Y (N)
k. Polytomous regression	(Y) N	Y (N)

19. Please tell us what you know about these SAS DATA and PROC statements:

<u>SAS KEYWORDS</u>	How you ever heard of...? (circle one)	Have you ever used...? (circle one)
a. PROC SGPlot	Y (N)	Y (N)
b. Position option in PROC CONTENTS	Y (N)	Y (N)
c. %LET	Y (N)	Y (N)
d. Libname	Y (N)	Y (N)
e. PROC CONTENTS	Y (N)	Y (N)
f. Z5. format	Y (N)	Y (N)
g. CMH option	Y (N)	Y (N)
h. Update keyword	Y (N)	Y (N)
i. Column input	(Y) N	Y (N)
j. WEEKDATE.	Y (N)	Y (N)
k. PROC TABULATE	Y (N)	Y (N)
l. PROC LOGISTIC	(Y) N	Y (N)
m. Output delivery system (ODS)	Y (N)	Y (N)
n. CATX function	Y (N)	Y (N)
o. FIRTH option	Y (N)	Y (N)

20a. Are you interest in doing an internship at the Los Angeles County Department of Public Health (DPH)?

() Yes

() No

() I've already done one at DPH

20b. Are you seeking any internships that require you to know SAS?

- () Yes
() No

20c. Are you seeking any jobs that require you to know SAS?

- () Yes
() No

20d. Do you plan to seek employment at the Los Angeles County Department of Public Health (LACDPH)?

- () Yes
() No
() I already work at LACDPH

21. State the reason(s) why you are taking this course: (Check all that apply)

- () It's required
() I need it to get a(n) job/internship
() I am taking it for fun
() My advisor told me to take this course
() Other: _____

22. List other courses in data analysis you would like UCLA SPH to offer:

a. Python

b.

c.

d.

STUDENT SURVEY

1. What is your current degree objective?

- None
 MPH
 MA/MS
 PhD/DrPH
 Other (Please specify: _____)

2. What year are you?

- 1st
 2nd
 3rd
 4th
 5th
 6th or more
 Does not apply

3. Have you taken any other courses that used SAS as part of the curriculum (check all that apply):

- Biostatistics 403A
 Biostatistics 406
 Epidemiology 410
 Other (specify): _____

4. Have you taken any of the following courses?

- Statistics/Biostatistics courses
 Epidemiology courses
 Environmental Health courses
 Community Health Science courses
 Health Services courses

5. How much SAS experience do you have?

- No experience whatsoever
 A little experience
 Some experience
 A good bit of experience
 A lot of experience

6. If you have had experience with SAS, what version(s) have you used? (check all that apply)

() 8
() 9.1
() 9.2
() 9.3
(X) 9.4
() 9.5
() University Edition
() Enterprise Guide
() I have never used SAS before

7. Have you ever taken SAS class from the SAS Institute (e.g., at the Burbank or Irvine locations)?

() Yes, I took: _____
() Yes, but I don't remember
(X) No
() I don't remember

- 8a. Do you have a dataset to work with?

() Yes
(X) No

- 8b. Do you currently working with a dataset?

() Yes
(X) No

9. On the scale from 0 (not at all) to 10 (often), how often do you expect to use SAS in the future?

a. In school? 10.
b. On the job? 10.

- 10a. Will you need SAS to complete your MPH/MS project or dissertation?

(X) Yes
() No
() I don't know

- 10b. Have you ever heard of the SAS Certification Exam?

(X) Yes
() No
() I don't know

11. Where did you hear about EPID M403? (Check all that apply)

- Friend(s)
 Graduate advisor(s)
 Employer(s)
 Parent(s)
 Flyer(s)
 Course requirement
 Other (Please specify: _____)

12. What grade do you think you will receive in this class?

- A
 B
 C
 D or worse
 I don't know

13. What would you like to do after graduation?

Researcher in Public Health field.

14. Are you planning to seek employment at... (check all that apply)

- A local health department?
 The Centers for Disease Control and Prevention?
 A pharmaceutical company?
 Community-based organization?
 College/University?
 Other (Please specify: _____)

15. Have you ever prepared a codebook (i.e., data dictionary)?

- Yes
 No

16a. Have you ever prepared a conference abstract?

- Yes
 No

16b. Have you ever presented a(n) abstract/paper at a scientific conference?

- Yes
 No

16c. Have you ever prepared a manuscript for publication in a peer-reviewed journal?

- Yes
 No

16d. Have you ever appeared as a coauthor on a manuscript in a peer-reviewed journal?

- Yes
 No

17. How often do you use the following software packages?

	Always	Often	Sometimes	Never
Microsoft Access (check one)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Microsoft Excel (check one)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
R (check one)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
STATA (check one)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
SurveyMonkey (check one)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
SPSS (check one)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
ArcGIS (check one)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
EpiInfo (check one)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
SAS (check one)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

18. Please tell us what you know about the following statistical tests:

<u>Statistical test</u>	<u>How you ever heard of...? (circle one)</u>	<u>Have you ever used...? (circle one)</u>
a. Pearson's chi-square test	<input checked="" type="radio"/> Y N	<input checked="" type="radio"/> Y N
b. Mantel-Haenszel chi-square test	<input checked="" type="radio"/> Y N	<input checked="" type="radio"/> Y N
c. Student's T-test	<input checked="" type="radio"/> Y N	<input checked="" type="radio"/> Y N
d. McNemar test	<input checked="" type="radio"/> Y N	Y <input checked="" type="radio"/> N
e. ANOVA	<input checked="" type="radio"/> Y N	<input checked="" type="radio"/> Y N
f. Exact tests	<input checked="" type="radio"/> Y N	<input checked="" type="radio"/> Y N
g. Linear regression	<input checked="" type="radio"/> Y N	<input checked="" type="radio"/> Y N

<u>Statistical test</u>	How you ever heard of...? (circle one)	Have you ever used...? (circle one)
h. Logistic regression	(Y) N	Y N
i. Poisson regression	(Y) N	Y N
j. Negative binomial regression	Y (N)	Y (N)
k. Polytomous regression	Y (N)	Y (N)

19. Please tell us what you know about these SAS DATA and PROC statements:

<u>SAS KEYWORDS</u>	How you ever heard of...? (circle one)	Have you ever used...? (circle one)
a. PROC SGPlot	Y (N)	Y (N)
b. Position option in PROC CONTENTS	Y (N)	Y (N)
c. %LET	Y (N)	Y (N)
d. Libname	(Y) N	(Y) N
e. PROC CONTENTS	(Y) N	(Y) N
f. Z5. format	Y (N)	Y (N)
g. CMH option	(Y) N	(Y) N
h. Update keyword	(Y) N	Y (N)
i. Column input	(Y) N	(Y) N
j. WEEKDATE.	Y (N)	Y (N)
k. PROC TABULATE	(Y) N	(Y) N
l. PROC LOGISTIC	(Y) N	(Y) N
m. Output delivery system (ODS)	Y (N)	Y (N)
n. CATX function	Y (N)	Y (N)
o. FIRTH option	Y (N)	Y (N)

20a. Are you interest in doing an internship at the Los Angeles County Department of Public Health (DPH)?

(X) Yes

() No

() I've already done one at DPH

20b. Are you seeking any internships that require you to know SAS?

- Yes
 No

20c. Are you seeking any jobs that require you to know SAS?

- Yes
 No

20d. Do you plan to seek employment at the Los Angeles County Department of Public Health (LACDPH)?

- Yes
 No
 I already work at LACDPH

21. State the reason(s) why you are taking this course: (Check all that apply)

- It's required
 I need it to get a(n) job/internship
 I am taking it for fun
 My advisor told me to take this course
 Other: _____

22. List other courses in data analysis you would like UCLA SPH to offer:

- a. Bio 200A
b. Bio 203
c. M404
d.

STUDENT SURVEY

1. What is your current degree objective?
 None
 MPH
 MA/MS
 PhD/DrPH
 Other (Please specify: _____)

2. What year are you?
 1st
 2nd
 3rd
 4th
 5th
 6th or more
 Does not apply

3. Have you taken any other courses that used SAS as part of the curriculum (check all that apply):
 Biostatistics 403A
 Biostatistics 406
 Epidemiology 410
 Other (specify): _____

4. Have you taken any of the following courses?
 Statistics/Biostatistics courses
 Epidemiology courses
 Environmental Health courses
 Community Health Science courses
 Health Services courses

5. How much SAS experience do you have?
 No experience whatsoever
 A little experience
 Some experience
 A good bit of experience
 A lot of experience

6. If you have had experience with SAS, what version(s) have you used? (check all that apply)

- () 8
() 9.1
() 9.2
(✓) 9.3
() 9.4
() 9.5
() University Edition
() Enterprise Guide
() I have never used SAS before

7. Have you ever taken SAS class from the SAS Institute (e.g., at the Burbank or Irvine locations)?

- () Yes, I took: _____
() Yes, but I don't remember
(✓) No
() I don't remember

- 8a. Do you have a dataset to work with?

- () Yes
(✓) No

- 8b. Do you currently working with a dataset?

- () Yes
(✓) No

9. On the scale from 0 (not at all) to 10 (often), how often do you expect to use SAS in the future?

- a. In school? 7.
b. On the job? 7.

- 10a. Will you need SAS to complete your MPH/MS project or dissertation?

- () Yes
() No
(✓) I don't know

- 10b. Have you ever heard of the SAS Certification Exam?

- (✓) Yes
() No
() I don't know

11. Where did you hear about EPID M403? (Check all that apply)

- () Friend(s)
() Graduate advisor(s)
() Employer(s)
() Parent(s)
() Flyer(s)
() Course requirement
() Other (Please specify: _____)

12. What grade do you think you will receive in this class?

- () A
() B
() C
() D or worse
() I don't know

13. What would you like to do after graduation?

14. Are you planning to seek employment at... (check all that apply)

- () A local health department?
() The Centers for Disease Control and Prevention?
() A pharmaceutical company?
() Community-based organization?
() College/University?
() Other (Please specify: _____)

15. Have you ever prepared a codebook (i.e., data dictionary)?

- () Yes
() No

16a. Have you ever prepared a conference abstract?

- () Yes
() No

16b. Have you ever presented a(n) abstract/paper at a scientific conference?

- Yes
 No

16c. Have you ever prepared a manuscript for publication in a peer-reviewed journal?

- Yes
 No

16d. Have you ever appeared as a coauthor on a manuscript in a peer-reviewed journal?

- Yes
 No

17. How often do you use the following software packages?

	Always	Often	Sometimes	Never
Microsoft Access (check one)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Microsoft Excel (check one)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
R (check one)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
STATA (check one)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
SurveyMonkey (check one)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
SPSS (check one)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
ArcGIS (check one)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
EpiInfo (check one)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
SAS (check one)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

18. Please tell us what you know about the following statistical tests:

<u>Statistical test</u>	How you ever heard of...? (circle one)		Have you ever used...? (circle one)	
a. Pearson's chi-square test	Y	N	<input checked="" type="radio"/>	N
b. Mantel-Haenszel chi-square test	Y	N	Y	N
c. Student's T-test	Y	N	<input checked="" type="radio"/>	N
d. McNemar test	Y	N	Y	N
e. ANOVA	Y	N	<input checked="" type="radio"/>	N
f. Exact tests	Y	N	Y	N
g. Linear regression	Y	N	<input checked="" type="radio"/>	N

<u>Statistical test</u>	How you ever heard of...? (circle one)		Have you ever used...? (circle one)	
h. Logistic regression	Y	N	<input checked="" type="radio"/>	N
i. Poisson regression	Y	N	<input checked="" type="radio"/>	N
j. Negative binomial regression	Y	N	<input checked="" type="radio"/>	N
k. Polytomous regression	Y	N	Y	<input checked="" type="radio"/>

19. Please tell us what you know about these SAS DATA and PROC statements:

<u>SAS KEYWORDS</u>	How you ever heard of...? (circle one)		Have you ever used...? (circle one)	
a. PROC SGLOT	Y	N	Y	N
b. Position option in PROC CONTENTS	Y	N	Y	N
c. %LET	Y	N	Y	N
d. Libname	Y	N	Y	N
e. PROC CONTENTS	Y	N	Y	N
f. Z5. format	Y	N	Y	N
g. CMH option	Y	N	Y	N
h. Update keyword	Y	N	Y	N
i. Column input	Y	N	Y	N
j. WEEKDATE.	Y	N	Y	N
k. PROC TABULATE	Y	N	Y	N
l. PROC LOGISTIC	Y	N	Y	N
m. Output delivery system (ODS)	Y	N	Y	N
n. CATX function	Y	N	Y	N
o. FIRTH option	Y	N	Y	N

20a. Are you interest in doing an internship at the Los Angeles County Department of Public Health (DPH)?

Yes

No

I've already done one at DPH

20b. Are you seeking any internships that require you to know SAS?

- () Yes
() No

20c. Are you seeking any jobs that require you to know SAS?

- () Yes
() No

20d. Do you plan to seek employment at the Los Angeles County Department of Public Health (LACDPH)?

- () Yes
() No
() I already work at LACDPH

21. State the reason(s) why you are taking this course: (Check all that apply)

- () It's required
() I need it to get a(n) job/internship
() I am taking it for fun
() My advisor told me to take this course
() Other: _____

22. List other courses in data analysis you would like UCLA SPH to offer:

- a.
b.
c.
d.

STUDENT SURVEY

1. What is your current degree objective?
 None
 MPH
 MA/MS
 PhD/DrPH
 Other (Please specify: _____)

2. What year are you?
 1st
 2nd
 3rd
 4th
 5th
 6th or more
 Does not apply

3. Have you taken any other courses that used SAS as part of the curriculum (check all that apply):
 Biostatistics 403A
 Biostatistics 406
 Epidemiology 410
 Other (specify): _____

4. Have you taken any of the following courses?
 Statistics/Biostatistics courses
 Epidemiology courses
 Environmental Health courses
 Community Health Science courses
 Health Services courses

5. How much SAS experience do you have?
 No experience whatsoever
 A little experience
 Some experience
 A good bit of experience
 A lot of experience

6. If you have had experience with SAS, what version(s) have you used? (check all that apply)
- () 8
() 9.1
() 9.2
() 9.3
 9.4
() 9.5
() University Edition
() Enterprise Guide
() I have never used SAS before
7. Have you ever taken SAS class from the SAS Institute (e.g., at the Burbank or Irvine locations)?
- () Yes, I took: _____
() Yes, but I don't remember
 No
() I don't remember
- 8a. Do you have a dataset to work with?
- Yes
() No
- 8b. Do you currently working with a dataset?
- () Yes
 No
9. On the scale from 0 (not at all) to 10 (often), how often do you expect to use SAS in the future?
- a. In school? 9.
b. On the job? 10:
- 10a. Will you need SAS to complete your MPH/MS project or dissertation?
- Yes
() No
() I don't know
- 10b. Have you ever heard of the SAS Certification Exam?
- Yes
() No
() I don't know

11. Where did you hear about EPID M403? (Check all that apply)

- Friend(s)
 Graduate advisor(s)
 Employer(s)
 Parent(s)
 Flyer(s)
 Course requirement
 Other (Please specify: _____)

12. What grade do you think you will receive in this class?

- A
 B
 C
 D or worse
 I don't know

13. What would you like to do after graduation?

14. Are you planning to seek employment at... (check all that apply)

- A local health department?
 The Centers for Disease Control and Prevention?
 A pharmaceutical company?
 Community-based organization?
 College/University?
 Other (Please specify: _____)

15. Have you ever prepared a codebook (i.e., data dictionary)?

- Yes
 No

16a. Have you ever prepared a conference abstract?

- Yes
 No

16b. Have you ever presented a(n) abstract/paper at a scientific conference?

- () Yes
(X) No

16c. Have you ever prepared a manuscript for publication in a peer-reviewed journal?

- () Yes
(X) No

16d. Have you ever appeared as a coauthor on a manuscript in a peer-reviewed journal?

- () Yes
(X) No

17. How often do you use the following software packages?

	Always	Often	Sometimes	Never
Microsoft Access (check one)	()	()	()	(X)
Microsoft Excel (check one)	(X)	()	()	()
R (check one)	()	()	(X)	()
STATA (check one)	()	(X)	()	()
SurveyMonkey (check one)	()	(X)	()	()
SPSS (check one)	()	()	(X)	()
ArcGIS (check one)	()	()	(X)	()
EpiInfo (check one)	()	()	(X)	()
SAS (check one)	(X)	()	()	()

18. Please tell us what you know about the following statistical tests:

Statistical test	How you ever heard of...? (circle one)	Have you ever used...? (circle one)
a. Pearson's chi-square test	(Y) N	(Y) N
b. Mantel-Haenszel chi-square test	(Y) N	(Y) N
c. Student's T-test	(Y) N	(Y) N
d. McNemar test	(Y) N	Y (N)
e. ANOVA	(Y) N	(Y) N
f. Exact tests	(Y) N	Y (N)
g. Linear regression	(Y) N	(Y) N

<u>Statistical test</u>	How you ever heard of...? (circle one)	Have you ever used...? (circle one)
h. Logistic regression	(Y) N	(Y) N
i. Poisson regression	(Y) N	Y (N)
j. Negative binomial regression	(Y) N	Y (N)
k. Polytomous regression	(Y) N	(Y) N

19. Please tell us what you know about these SAS DATA and PROC statements:

<u>SAS KEYWORDS</u>	How you ever heard of...? (circle one)	Have you ever used...? (circle one)
a. PROC SGPlot	Y (N)	Y (N)
b. Position option in PROC CONTENTS	(Y) N	(Y) N
c. %LET	Y (N)	Y (N)
d. Libname	(Y) N	(Y) N
e. PROC CONTENTS	(Y) N	(Y) N
f. Z5. format	Y (N)	Y (N)
g. CMH option	Y (N)	Y (N)
h. Update keyword	Y (N)	Y (N)
i. Column input	Y (N)	Y (N)
j. WEEKDATE.	Y (N)	Y (N)
k. PROC TABULATE	(Y) N	(Y) N
l. PROC LOGISTIC	(Y) N	(Y) N
m. Output delivery system (ODS)	Y (N)	Y (N)
n. CATX function	Y (N)	Y (N)
o. FIRTH option	Y (N)	Y (N)

20a. Are you interest in doing an internship at the Los Angeles County Department of Public Health (DPH)?

() Yes

() No

() I've already done one at DPH

20b. Are you seeking any internships that require you to know SAS?

- Yes
 No

20c. Are you seeking any jobs that require you to know SAS?

- Yes
 No

20d. Do you plan to seek employment at the Los Angeles County Department of Public Health (LACDPH)?

- Yes
 No
 I already work at LACDPH

21. State the reason(s) why you are taking this course: (Check all that apply)

- It's required
 I need it to get a(n) job/internship
 I am taking it for fun
 My advisor told me to take this course
 Other: _____

22. List other courses in data analysis you would like UCLA SPH to offer:

- a.
b.
c.
d.

STUDENT SURVEY

1. What is your current degree objective?
 None
 MPH
 MA/MS
 PhD/DrPH
 Other (Please specify: _____)

2. What year are you?
 1st
 2nd
 3rd
 4th
 5th
 6th or more
 Does not apply

3. Have you taken any other courses that used SAS as part of the curriculum (check all that apply):
 Biostatistics 403A
 Biostatistics 406
 Epidemiology 410
 Other (specify): _____

4. Have you taken any of the following courses?
 Statistics/Biostatistics courses
 Epidemiology courses
 Environmental Health courses
 Community Health Science courses
 Health Services courses

5. How much SAS experience do you have?
 No experience whatsoever
 A little experience
 Some experience
 A good bit of experience
 A lot of experience

6. If you have had experience with SAS, what version(s) have you used? (check all that apply)
- () 8
() 9.1
() 9.2
() 9.3
() 9.4
() 9.5
() University Edition
() Enterprise Guide
(✓) I have never used SAS before
7. Have you ever taken SAS class from the SAS Institute (e.g., at the Burbank or Irvine locations)?
() Yes, I took: _____
() Yes, but I don't remember
(✓) No
() I don't remember
- 8a. Do you have a dataset to work with?
() Yes
(✓) No
- 8b. Do you currently working with a dataset?
() Yes
(✓) No
9. On the scale from 0 (not at all) to 10 (often), how often do you expect to use SAS in the future?
- a. In school? +.
b. On the job? w.
- 10a. Will you need SAS to complete your MPH/MS project or dissertation?
() Yes
() No
(✓) I don't know
- 10b. Have you ever heard of the SAS Certification Exam?
() Yes
(✓) No
() I don't know

11. Where did you hear about EPID M403? (Check all that apply)
- () Friend(s)
() Graduate advisor(s)
() Employer(s)
() Parent(s)
() Flyer(s)
() Course requirement
() Other (Please specify: _____)

12. What grade do you think you will receive in this class?
- () A
() B
() C
() D or worse
() I don't know

13. What would you like to do after graduation?

Seek employment at a local health department or
non-profit agency

14. Are you planning to seek employment at... (check all that apply)
- () A local health department?
() The Centers for Disease Control and Prevention?
() A pharmaceutical company?
() Community-based organization?
() College/University?
() Other (Please specify: _____)

15. Have you ever prepared a codebook (i.e., data dictionary)?
- () Yes
() No

- 16a. Have you ever prepared a conference abstract?
- () Yes
() No

16b. Have you ever presented a(n) abstract/paper at a scientific conference?

- () Yes
() No

16c. Have you ever prepared a manuscript for publication in a peer-reviewed journal?

- () Yes
() No

16d. Have you ever appeared as a coauthor on a manuscript in a peer-reviewed journal?

- () Yes
() No

17. How often do you use the following software packages?

	Always	Often	Sometimes	Never
Microsoft Access (check one)	(<input type="checkbox"/>)			
Microsoft Excel (check one)	(<input type="checkbox"/>)			
R (check one)	(<input type="checkbox"/>)			
STATA (check one)	(<input type="checkbox"/>)			
SurveyMonkey (check one)	(<input type="checkbox"/>)			
SPSS (check one)	(<input type="checkbox"/>)			
ArcGIS (check one)	(<input type="checkbox"/>)			
EpiInfo (check one)	(<input type="checkbox"/>)			
SAS (check one)	(<input type="checkbox"/>)			

18. Please tell us what you know about the following statistical tests:

<u>Statistical test</u>	How you ever heard of...? (circle one)	Have you ever used...? (circle one)
a. Pearson's chi-square test	<input checked="" type="radio"/> Y <input type="radio"/> N	Y <input checked="" type="radio"/> N
b. Mantel-Haenszel chi-square test	<input type="radio"/> Y <input checked="" type="radio"/> N	Y <input type="radio"/> N
c. Student's T-test	<input type="radio"/> Y <input checked="" type="radio"/> N	Y <input type="radio"/> N
d. McNemar test	<input type="radio"/> Y <input checked="" type="radio"/> N	Y <input type="radio"/> N
e. ANOVA	<input type="radio"/> Y <input checked="" type="radio"/> N	Y <input type="radio"/> N
f. Exact tests	<input type="radio"/> Y <input checked="" type="radio"/> N	Y <input type="radio"/> N
g. Linear regression	<input checked="" type="radio"/> Y <input type="radio"/> N	Y <input checked="" type="radio"/> N

<u>Statistical test</u>	How you ever heard of...? (circle one)	Have you ever used...? (circle one)
h. Logistic regression	Y <input checked="" type="radio"/> N	Y <input checked="" type="radio"/> N
i. Poisson regression	(Y) N	Y <input checked="" type="radio"/> N
j. Negative binomial regression	Y N	Y <input checked="" type="radio"/> N
k. Polytomous regression	Y N	Y N

19. Please tell us what you know about these SAS DATA and PROC statements:

<u>SAS KEYWORDS</u>	How you ever heard of...? (circle one)	Have you ever used...? (circle one)
a. PROC SGPlot	Y N	Y N
b. Position option in PROC CONTENTS	Y N	Y N
c. %LET	Y N	Y N
d. Libname	Y N	Y N
e. PROC CONTENTS	Y N	Y N
f. Z5. format	Y N	Y N
g. CMH option	Y N	Y N
h. Update keyword	Y N	Y N
i. Column input	Y N	Y N
j. WEEKDATE.	Y N	Y N
k. PROC TABULATE	Y N	Y N
l. PROC LOGISTIC	Y N	Y N
m. Output delivery system (ODS)	Y N	Y N
n. CATX function	Y N	Y N
o. FIRTH option	Y N	Y N

20a. Are you interest in doing an internship at the Los Angeles County Department of Public Health (DPH)?
 Yes
 No
 I've already done one at DPH

20b. Are you seeking any internships that require you to know SAS?

- () Yes
() No

20c. Are you seeking any jobs that require you to know SAS?

- () Yes
() No

20d. Do you plan to seek employment at the Los Angeles County Department of Public Health (LACDPH)?

- () Yes
() No
() I already work at LACDPH

21. State the reason(s) why you are taking this course: (Check all that apply)

- () It's required
() I need it to get a(n) job/internship
() I am taking it for fun
() My advisor told me to take this course
() Other: _____

22. List other courses in data analysis you would like UCLA SPH to offer:

- a.
b.
c.
d.

STUDENT SURVEY

1. What is your current degree objective?
 None
 MPH
 MA/MS
 PhD/DrPH
 Other (Please specify: _____)

2. What year are you?
 1st
 2nd
 3rd
 4th
 5th
 6th or more
 Does not apply

3. Have you taken any other courses that used SAS as part of the curriculum (check all that apply):
 Biostatistics 403A
 Biostatistics 406
 Epidemiology 410
 Other (specify): Epi 200C

4. Have you taken any of the following courses?
 Statistics/Biostatistics courses
 Epidemiology courses
 Environmental Health courses
 Community Health Science courses
 Health Services courses

5. How much SAS experience do you have?
 No experience whatsoever
 A little experience
 Some experience
 A good bit of experience
 A lot of experience

6. If you have had experience with SAS, what version(s) have you used? (check all that apply)
- () 8
() 9.1
() 9.2
(✓) 9.3
(✓) 9.4
() 9.5
() University Edition
() Enterprise Guide
() I have never used SAS before
7. Have you ever taken SAS class from the SAS Institute (e.g., at the Burbank or Irvine locations)?
- () Yes, I took: _____
() Yes, but I don't remember
(✓) No
() I don't remember
- 8a. Do you have a dataset to work with?
- (✓) Yes
() No
- 8b. Do you currently working with a dataset?
- (✓) Yes
() No
9. On the scale from 0 (not at all) to 10 (often), how often do you expect to use SAS in the future?
- a. In school? 10.
b. On the job? 9.
- 10a. Will you need SAS to complete your MPH/MS project or dissertation?
- (✓) Yes
() No
() I don't know
- 10b. Have you ever heard of the SAS Certification Exam?
- (✓) Yes
() No
() I don't know

11. Where did you hear about EPID M403? (Check all that apply)
- () Friend(s)
() Graduate advisor(s)
() Employer(s)
() Parent(s)
() Flyer(s)
() Course requirement
() Other (Please specify: _____)

12. What grade do you think you will receive in this class?
- () A
() B
() C
() D or worse
() I don't know

13. What would you like to do after graduation?

Find a job.

14. Are you planning to seek employment at... (check all that apply)
- () A local health department?
() The Centers for Disease Control and Prevention?
() A pharmaceutical company?
() Community-based organization?
() College/University?
() Other (Please specify: _____)

15. Have you ever prepared a codebook (i.e., data dictionary)?
- () Yes
() No

- 16a. Have you ever prepared a conference abstract?
- () Yes
() No

16b. Have you ever presented a(n) abstract/paper at a scientific conference?

- () Yes
() No

16c. Have you ever prepared a manuscript for publication in a peer-reviewed journal?

- () Yes
() No

16d. Have you ever appeared as a coauthor on a manuscript in a peer-reviewed journal?

- () Yes
() No

17. How often do you use the following software packages?

	Always	Often	Sometimes	Never
Microsoft Access (check one)	(<input checked="" type="checkbox"/>)	()	()	()
Microsoft Excel (check one)	(<input checked="" type="checkbox"/>)	()	()	()
R (check one)	()	(<input checked="" type="checkbox"/>)	()	()
STATA (check one)	()	()	(<input checked="" type="checkbox"/>)	()
SurveyMonkey (check one)	()	()	(<input checked="" type="checkbox"/>)	()
SPSS (check one)	()	()	()	(<input checked="" type="checkbox"/>)
ArcGIS (check one)	()	()	()	(<input checked="" type="checkbox"/>)
EpiInfo (check one)	()	()	()	(<input checked="" type="checkbox"/>)
SAS (check one)	(<input checked="" type="checkbox"/>)	()	()	()

18. Please tell us what you know about the following statistical tests:

<u>Statistical test</u>	How you ever heard of...? (circle one)	Have you ever used...? (circle one)
a. Pearson's chi-square test	(Y) N	(Y) N
b. Mantel-Haenszel chi-square test	(Y) N	(Y) N
c. Student's T-test	(Y) N	(Y) N
d. McNemar test	(Y) N	(Y) N
e. ANOVA	(Y) N	(Y) N
f. Exact tests	(Y) N	(Y) N
g. Linear regression	(Y) N	(Y) N

<u>Statistical test</u>	How you ever heard of...? (circle one)	Have you ever used...? (circle one)
h. Logistic regression	(Y) N	(Y) N
i. Poisson regression	(Y) N	Y (N)
j. Negative binomial regression	(Y) N	Y (N)
k. Polytomous regression	(Y) N	Y (N)

19. Please tell us what you know about these SAS DATA and PROC statements:

<u>SAS KEYWORDS</u>	How you ever heard of...? (circle one)	Have you ever used...? (circle one)
a. PROC SGPlot	(Y) N	(Y) N
b. Position option in PROC CONTENTS	(Y) N	(Y) N
c. %LET	Y (N)	Y (N)
d. Libname	(Y) N	(Y) N
e. PROC CONTENTS	(Y) N	(Y) N
f. Z5. format	Y (N)	Y (N)
g. CMH option	Y (N)	Y (N)
h. Update keyword	Y (N)	Y (N)
i. Column input	(Y) N	Y (N)
j. WEEKDATE.	(Y) N	(Y) N
k. PROC TABULATE	(Y) N	Y (N)
l. PROC LOGISTIC	(Y) N	(Y) N
m. Output delivery system (ODS)	(Y) N	(Y) N
n. CATX function	Y (N)	Y (N)
o. FIRTH option	Y (N)	Y (N)

20a. Are you interest in doing an internship at the Los Angeles County Department of Public Health (DPH)?

(V) Yes

() No

() I've already done one at DPH

- 20b. Are you seeking any internships that require you to know SAS?
 Yes
 No
- 20c. Are you seeking any jobs that require you to know SAS?
 Yes
 No
- 20d. Do you plan to seek employment at the Los Angeles County Department of Public Health (LACDPH)?
 Yes
 No
 I already work at LACDPH
21. State the reason(s) why you are taking this course: (Check all that apply)
- It's required
 I need it to get a(n) job/internship
 I am taking it for fun
 My advisor told me to take this course
 Other: _____

22. List other courses in data analysis you would like UCLA SPH to offer:
- a.
 - b.
 - c.
 - d.

STUDENT SURVEY

1. What is your current degree objective?
 None
 MPH
 MA/MS
 PhD/DrPH
 Other (Please specify: _____)

2. What year are you?
 1st
 2nd
 3rd
 4th
 5th
 6th or more
 Does not apply

3. Have you taken any other courses that used SAS as part of the curriculum (check all that apply): NONE
 Biostatistics 403A
 Biostatistics 406
 Epidemiology 410
 Other (specify): _____

4. Have you taken any of the following courses? NONE
 Statistics/Biostatistics courses
 Epidemiology courses
 Environmental Health courses
 Community Health Science courses
 Health Services courses

5. How much SAS experience do you have?
 No experience whatsoever
 A little experience
 Some experience
 A good bit of experience
 A lot of experience

6. If you have had experience with SAS, what version(s) have you used? (check all that apply)
- () 8
() 9.1
() 9.2
() 9.3
() 9.4
() 9.5
() University Edition
() Enterprise Guide
(X) I have never used SAS before
7. Have you ever taken SAS class from the SAS Institute (e.g., at the Burbank or Irvine locations)?
- () Yes, I took: _____
() Yes, but I don't remember
(+) No
() I don't remember
- 8a. Do you have a dataset to work with?
- () Yes
(X) No
- 8b. Do you currently working with a dataset?
- () Yes
(+) No
9. On the scale from 0 (not at all) to 10 (often), how often do you expect to use SAS in the future?
- a. In school? 4.
b. On the job? 7.
- 10a. Will you need SAS to complete your MPH/MS project or dissertation?
- () Yes
() No
(X) I don't know
- 10b. Have you ever heard of the SAS Certification Exam?
- () Yes
(X) No
() I don't know

11. Where did you hear about EPID M403? (Check all that apply)
- () Friend(s)
() Graduate advisor(s)
() Employer(s)
() Parent(s)
() Flyer(s)
() Course requirement
() Other (Please specify: _____)

12. What grade do you think you will receive in this class?

- () A hopefully...
() B
() C
() D or worse
() I don't know

13. What would you like to do after graduation?

Begin my career as an epidemiologist

14. Are you planning to seek employment at... (check all that apply)
- () A local health department?
() The Centers for Disease Control and Prevention?
() A pharmaceutical company?
() Community-based organization?
() College/University?
() Other (Please specify: _____)

15. Have you ever prepared a codebook (i.e., data dictionary)?
- () Yes
() No

- 16a. Have you ever prepared a conference abstract?
- () Yes
() No

16b. Have you ever presented a(n) abstract/paper at a scientific conference?

- () Yes
() No

16c. Have you ever prepared a manuscript for publication in a peer-reviewed journal?

- () Yes
() No

16d. Have you ever appeared as a coauthor on a manuscript in a peer-reviewed journal?

- () Yes
() No

17. How often do you use the following software packages?

	Always	Often	Sometimes	Never
Microsoft Access (check one)	(<input type="checkbox"/>)	(<input type="checkbox"/>)	(<input type="checkbox"/>)	(<input checked="" type="checkbox"/>)
Microsoft Excel (check one)	(<input type="checkbox"/>)	(<input type="checkbox"/>)	(<input checked="" type="checkbox"/>)	(<input type="checkbox"/>)
R (check one)	(<input type="checkbox"/>)	(<input type="checkbox"/>)	(<input type="checkbox"/>)	(<input checked="" type="checkbox"/>)
STATA (check one)	(<input type="checkbox"/>)	(<input type="checkbox"/>)	(<input type="checkbox"/>)	(<input checked="" type="checkbox"/>)
SurveyMonkey (check one)	(<input type="checkbox"/>)	(<input type="checkbox"/>)	(<input type="checkbox"/>)	(<input checked="" type="checkbox"/>)
SPSS (check one)	(<input type="checkbox"/>)	(<input type="checkbox"/>)	(<input type="checkbox"/>)	(<input checked="" type="checkbox"/>)
ArcGIS (check one)	(<input type="checkbox"/>)	(<input type="checkbox"/>)	(<input type="checkbox"/>)	(<input checked="" type="checkbox"/>)
EpiInfo (check one)	(<input type="checkbox"/>)	(<input type="checkbox"/>)	(<input type="checkbox"/>)	(<input checked="" type="checkbox"/>)
SAS (check one)	(<input type="checkbox"/>)	(<input type="checkbox"/>)	(<input type="checkbox"/>)	(<input checked="" type="checkbox"/>)

18. Please tell us what you know about the following statistical tests:

<u>Statistical test</u>	How you ever heard of...? (circle one)	Have you ever used...? (circle one)
a. Pearson's chi-square test	Y (<input checked="" type="radio"/> N)	Y (<input checked="" type="radio"/> N)
b. Mantel-Haenszel chi-square test	Y (<input checked="" type="radio"/> N)	Y (<input checked="" type="radio"/> N)
c. Student's T-test	Y (<input checked="" type="radio"/> N)	Y (<input checked="" type="radio"/> N)
d. McNemar test	Y (<input checked="" type="radio"/> N)	Y (<input checked="" type="radio"/> N)
e. ANOVA	Y (<input checked="" type="radio"/> N)	Y (<input checked="" type="radio"/> N)
f. Exact tests	Y (<input checked="" type="radio"/> N)	Y (<input checked="" type="radio"/> N)
g. Linear regression	(Y) N	(Y) N

<u>Statistical test</u>	How you ever heard of...? (circle one)	Have you ever used...? (circle one)
h. Logistic regression	Y <input checked="" type="radio"/> N	Y <input checked="" type="radio"/> N
i. Poisson regression	Y <input checked="" type="radio"/> N	Y <input checked="" type="radio"/> N
j. Negative binomial regression	Y <input checked="" type="radio"/> N	Y <input checked="" type="radio"/> N
k. Polytomous regression	Y <input checked="" type="radio"/> N	Y <input checked="" type="radio"/> N

19. Please tell us what you know about these SAS DATA and PROC statements:

<u>SAS KEYWORDS</u>	How you ever heard of...? (circle one)	Have you ever used...? (circle one)
a. PROC SGPlot	Y <input checked="" type="radio"/> N	Y <input checked="" type="radio"/> N
b. Position option in PROC CONTENTS	Y <input checked="" type="radio"/> N	Y <input checked="" type="radio"/> N
c. %LET	Y <input checked="" type="radio"/> N	Y <input checked="" type="radio"/> N
d. Libname	Y <input checked="" type="radio"/> N	Y <input checked="" type="radio"/> N
e. PROC CONTENTS	Y <input checked="" type="radio"/> N	Y <input checked="" type="radio"/> N
f. Z5. format	Y <input checked="" type="radio"/> N	Y <input checked="" type="radio"/> N
g. CMH option	Y <input checked="" type="radio"/> N	Y <input checked="" type="radio"/> N
h. Update keyword	Y <input checked="" type="radio"/> N	Y <input checked="" type="radio"/> N
i. Column input	Y <input checked="" type="radio"/> N	Y <input checked="" type="radio"/> N
j. WEEKDATE.	Y <input checked="" type="radio"/> N	Y <input checked="" type="radio"/> N
k. PROC TABULATE	Y <input checked="" type="radio"/> N	Y <input checked="" type="radio"/> N
l. PROC LOGISTIC	Y <input checked="" type="radio"/> N	Y <input checked="" type="radio"/> N
m. Output delivery system (ODS)	Y <input checked="" type="radio"/> N	Y <input checked="" type="radio"/> N
n. CATX function	Y <input checked="" type="radio"/> N	Y <input checked="" type="radio"/> N
o. FIRTH option	Y <input checked="" type="radio"/> N	Y <input checked="" type="radio"/> N

20a. Are you interest in doing an internship at the Los Angeles County Department of Public Health (DPH)?

- () Yes
 () No
 () I've already done one at DPH

20b. Are you seeking any internships that require you to know SAS?

- Yes *probably*
 No

20c. Are you seeking any jobs that require you to know SAS?

- Yes *probably will*
 No

20d. Do you plan to seek employment at the Los Angeles County Department of Public Health (LACDPH)?

- Yes *maybe*
 No
 I already work at LACDPH

21. State the reason(s) why you are taking this course: (Check all that apply)

- It's required
 I need it to get a(n) job/internship
 I am taking it for fun
 My advisor told me to take this course
 Other: _____

22. List other courses in data analysis you would like UCLA SPH to offer:

- a.
b.
c.
d.