Appendix A

Likert Survey Questionnaire

LOVEWELL INSTITUTE SURVEY

Use the scale of 1 (indicating the lowest) to 5 (indicating the highest) shown below to express your opinion, or state whether or not the statement reflects your thinking.

5 = agree strongly 4 = agree somewhat 3 = no opinion
2 = disagree somewhat 1 = disagree strongly

1. My Lovewell experience presented new career possibilities for me. 5 4 3 2 1

2. At Lovewell I was taken seriously, believing that my ideas counted. 5 4 3 2 1

3. The counselors were fair and balanced in assigning duties. 5 4 3 2 1

4. I am more aware of the need for cooperation with my peers as a result of my Lovewell experience. 5 4 3 2 1

5. Working within a group has helped me to understand the value of individual contribution. 5 4 3 2 1

6. As a result of my Lovewell experience, I feel more motivated to participate in other creative endeavors. 5 4 3 2 1

7. I ask questions of the leaders when I don't understand something. 5 4 3 2 1

8. I ask my friends in the group to help me when I don't understand something. 5 4 3 2 1

9. I am pleased with my creative contribution to Lovewell.

10. When called upon to perform, I remember duties and concepts that we've studied during the process. 5 4 3 2 1

11. I would like to spend more time on individual questions and concerns of the different artistic ideas that we learned. 5 4 3 2 1

12. I do my best when creating or preparing a role for a Lovewell production. 5 4 3 2 1

13. I try to incorporate the positive experiences at Lovewell into my life. 5 4 3 2 1

14. My experiences at Lovewell will help me communicate my ideas and opinions more effectively in the future. 5 4 3 2 1

15. Lovewell concepts will help me be more aware of how I interact with society and my community. 5 4 3 2 1

16. It is more important to know *how* to think rather than *what* to think. 5 4 3 2 1

17. At Lovewell I have gained knowledge and skills in the arts. 5 4 3 2 1

18. At Lovewell I have gained knowledge and skills that will transfer to non-arts related subjects. 5 4 3 2 1

19. I do better when working with others than when working alone. 5 4 3 2 1

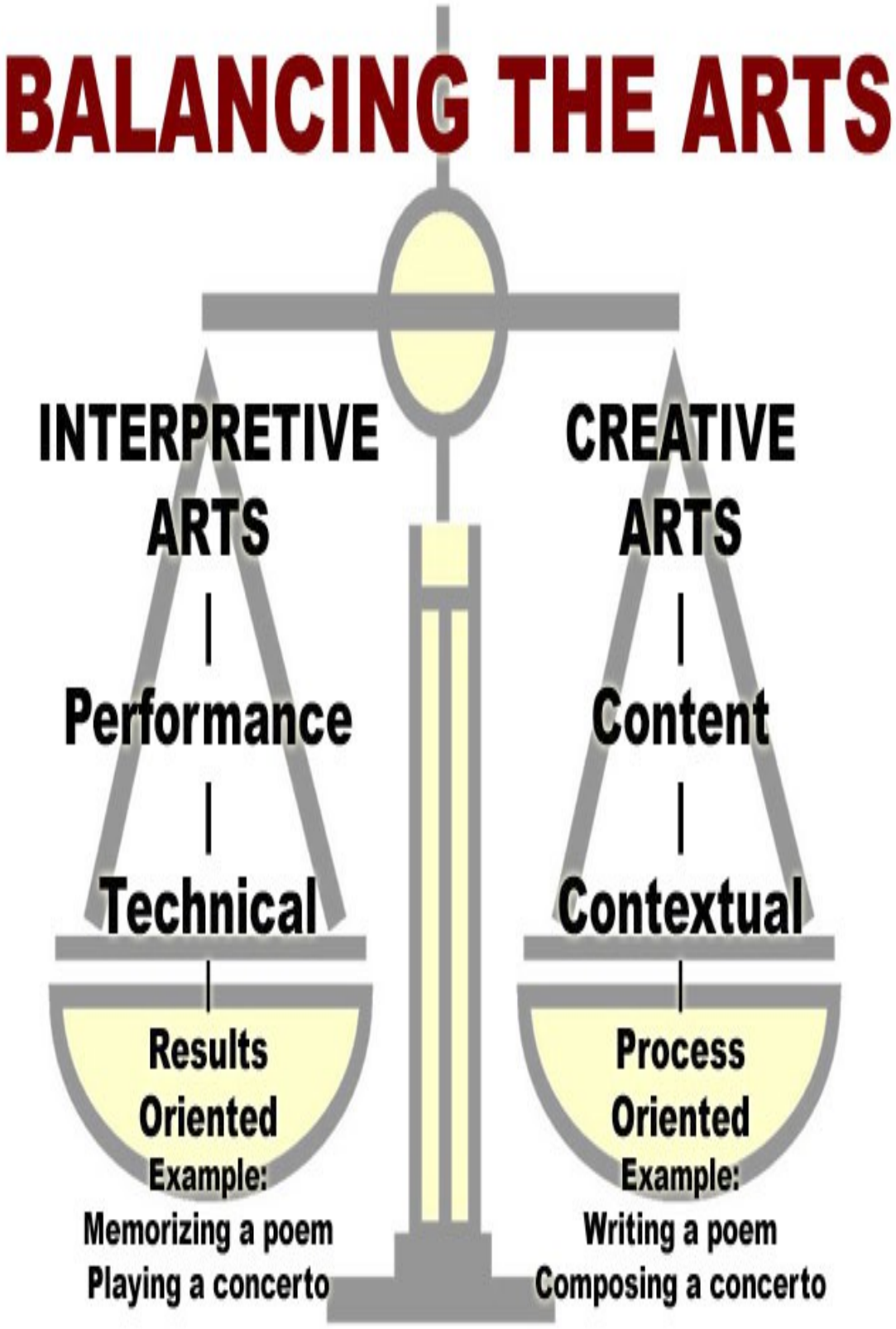
20. I believe that the Lovewell experience provides time and guidance to explore new concepts and ideas. 5 4 3 2 1

21. My experience at Lovewell has helped me in my personal relationships with friends, family and others. 5 4 3 2 1

22. Write your own question regarding your experience at Lovewell and answer it. Use the space provided below.

Appendix B

Balancing the Arts (Illustration)


BALANCING THE ARTS
INTERPRETIVE ARTS
Performance
Technical
Results Oriented
Example:
Memorizing a poem
Playing a concerto
CREATIVE ARTS
Content
Contextual
Process Oriented
Example:
Writing a poem
Composing a concerto

Appendix C

Combined Statistical Data (Likert Survey Analysis)

David Spangler's Combined Statistical Data

Completed Term Surveys (8-12 Years) + (13-18 Years) TERM
Combined Aggregation of Compilation of Participant Survey Response

	5	4	3	2	1								
Item	Strongly Agree	Agree Somewhat	No Opinion	Disagree Somewhat	Strongly Disagree	**SA**	**A**	**N**	**DS**	**SDIS**	**Totals**	**Check**	**Std Dev**
My Lovewell experience presented new career possibilities for me.	12	14	3	0	0	41.38%	48.28%	10.34%	0.00%	0.00%	29	100.00%	6.723095
At Lovewell I was taken seriously, believing that my ideas counted.	23	5	1	0	0	79.31%	17.24%	3.45%	0.00%	0.00%	29	100.00%	9.833616
The counselors were fair and balanced in assigning duties.	20	6	3	0	0	68.97%	20.69%	10.34%	0.00%	0.00%	29	100.00%	8.318654
I am more aware of the need for cooperation with my peers as a result of my Lovewell experience.	18	9	2	0	0	62.07%	31.03%	6.90%	0.00%	0.00%	29	100.00%	7.758866
Working within a group has helped me to understand the value of individual contribution.	20	7	2	0	0	68.97%	24.14%	6.90%	0.00%	0.00%	29	100.00%	8.438009
As a result of my Lovewell experience, I feel more motivated to participate in other creative endeavors.	22	5	1	0	1	75.86%	17.24%	3.45%	0.00%	3.45%	29	100.00%	9.257429
I ask questions of the leaders when I don't understand something.	14	14	1	0	0	48.28%	48.28%	3.45%	0.00%	0.00%	29	100.00%	7.496666
I ask my friends in the group to help me when I don't understand something.	16	11	2	0	0	55.17%	37.93%	6.90%	0.00%	0.00%	29	100.00%	7.293833
I am pleased with my creative contribution to Lovewell.	22	5	2	0	0	75.86%	17.24%	6.90%	0.00%	0.00%	29	100.00%	9.284396

When called upon to perform, I remember duties and concepts that we've studied during the process.	20	8	1	0	0	68.97%	27.59%	3.45%	0.00%	0.00%	29	100.00%	8.613942
I would like to spend more time on individual questions and concerns of the different artistic ideas that we learned.	11	7	11	0	0	37.93%	24.14%	37.93%	0.00%	0.00%	29	100.00%	5.540758
I do my best when creating or preparing a role for a Lovewell production.	25	4	0	0	0	86.21%	13.79%	0.00%	0.00%	0.00%	29	100.00%	10.87198
I try to incorporate the positive experiences at Lovewell into my life.	19	6	4	0	0	65.52%	20.69%	13.79%	0.00%	0.00%	29	100.00%	7.823043
My experiences at Lovewell will help me communicate my ideas and opinions more effectively in the future.	20	8	1	0	0	68.97%	27.59%	3.45%	0.00%	0.00%	29	100.00%	8.613942
Lovewell concepts will help me be more aware of how I interact with society and my community.	13	12	4	0	0	44.83%	41.38%	13.79%	0.00%	0.00%	29	100.00%	6.340347
It is more important to know *how* to think rather than *what* to think.	17	8	4	0	0	58.62%	27.59%	13.79%	0.00%	0.00%	29	100.00%	7.085196
At Lovewell I have gained knowledge and skills in the arts.	23	5	1	0	0	79.31%	17.24%	3.45%	0.00%	0.00%	29	100.00%	9.833616
At Lovewell I have gained knowledge and skills that will transfer to non-arts related subjects.	13	12	3	1	0	44.83%	41.38%	10.34%	3.45%	0.00%	29	100.00%	6.220932
I do better when working with others than when working alone.	9	4	13	1	2	31.03%	13.79%	44.83%	3.45%	6.90%	29	100.00%	5.069517
I believe the Lovewell experience provides time and guidance to explore new concepts and ideas.	18	9	2	0	0	62.07%	31.03%	6.90%	0.00%	0.00%	29	100.00%	7.758866

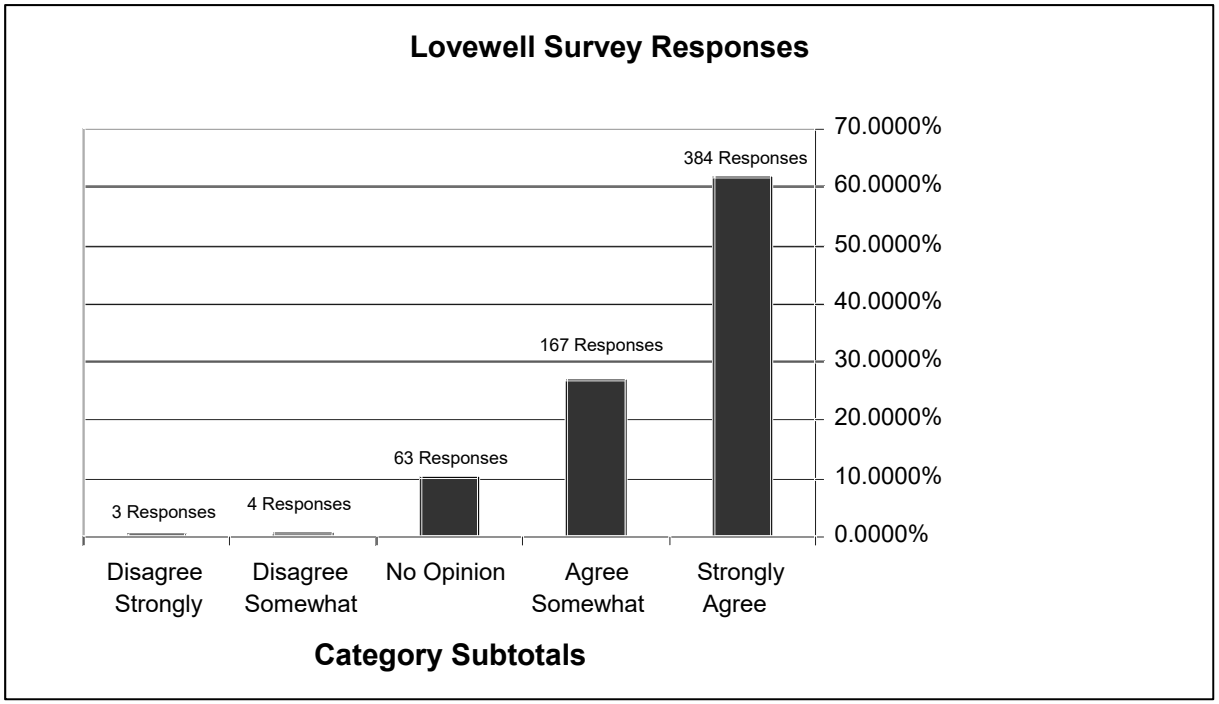
My experience at Lovewell has helped me in my personal relationships with friends, family and others.	18	7	2	2	0	62.07%	24.14%	6.90%	6.90%	0.00%	29	100.00%	7.293833
Write your own question regarding your experience at Lovewell and answer it. Use the space provided below.	11	1	0	0	0	91.67%	8.33%	0.00%	0.00%	0.00%	12	100.00%	4.827007
Sub Totals →	384	167	63	4	3								
Grand Total	←		**621**		→								
Grand Total Category %	61.84	26.89%	10.14%	0.64%	0.48%								

Conclusions

Average Number Responses	19.9980%	0.0000	0.5

Categories	Data Points	z	Prob
Strongly Agree	61.8400%	1.62527914	0.947948
Agree Somewhat	26.8900%	0.26770766	0.605538
No Opinion	10.1400%	-0.3829167	0.350891
Disagree Somewhat	0.6400%	-0.7519276	0.226047
Disagree Strongly	0.4800%	-0.7581425	0.224183
Avg	19.9980%		
StdDev	25.74%		

Youngsters attending Lovewell, when asked, will respond,
95% of the time, they strongly agree.
61% of the time, they agree somewhat.
35% of the time, will have no opinion.
23% of the time, they'll disagree somewhat.
22% of the time, they'll disagree strongly.


Lovewell Survey Responses
70.0000%
60.0000%
50.0000%
40.0000%
30.0000%
20.0000%
10.0000%
0.0000%
384 Responses
167 Responses
63 Responses
4 Responses
3 Responses
Disagree Strongly
Disagree Somewhat
No Opinion
Agree Somewhat
Strongly Agree
Category Subtotals

Appendix D

"Your Rights as a Participant" Form

UNION INSTITUTE & UNIVERSITY

Your Rights as a Participant in Research

The federal government and the scientific, professional, and educational communities have established principles to guide researchers. Union Institute & University's Institutional Review Board requires all researchers be guided by these principles, which establish your rights as a participant in a research project.

When you are asked to participate in a research project, you have the right to:

- Freely choose to participate or not to participate. You should not feel pressured or rushed into deciding.
- Receive a written description of the study, signed by the researcher, that provides you with the information you need to make a decision. This is called an "Informed Consent Form." You should not sign the form until all your questions have been answered.

The written description of the study should include all of the following:

- A description of any procedures that are experimental
- How long and how frequently you will be involved
- Any possible risks or harm to you
- The expected benefits of the study—to you or to others
- How much you will be paid, if anything
- What expenses you will be reimbursed for, if any
- What other treatments are available
- Whether your participation will be confidential and, if so, how confidentiality will be protected

The researcher should also provide to you, in writing:

- A name, address, and telephone number of someone who can answer any questions you may have.
- A name, address, and telephone number to call in case of an emergency.

If the research is part of a course or training program, you have the right to:

- Choose an alternative to participation that will provide equal or greater credit.

Once you have agreed to participate, you have the right to:

- Discontinue your participation for any (or no) reason, at any time.
- Expect that any questions you have about the study while it is in progress will be answered.
- Have access to the report on the results/findings of the study.

Appendix E

Informed Consent Form

INFORMED CONSENT FORM

I, _____, give David Spangler permission to use any material contained in the questionnaire I filled out and/or the taped interview he conducted with me for the Doctoral Dissertation he is writing. I understand that all discussions will be held in confidence.

Please check one:

_____ I would like my name and all material generated by me to remain confidential. I do not want my name mentioned in the acknowledgments.

_____ I would like all material generated by me to remain confidential, but my name may be mentioned in the acknowledgments.

_____ I give my permission to use my name in both the material I generated and in the acknowledgments.

_____ _____

Signature Date

Appendix F

Permission to be Referenced in Dissertation Form

Permission to be referenced in dissertation Form

By signing this form, I give my permission to David Spangler to use my name, cite my statements and/or discuss my involvement with Lovewell Institute in his doctoral dissertation entitled *The Story of Lovewell Institute: Its Vision, Theory and Method.*

_____	_____
Participant	David Spangler, Doctoral Student
_____	_____
Date	Date

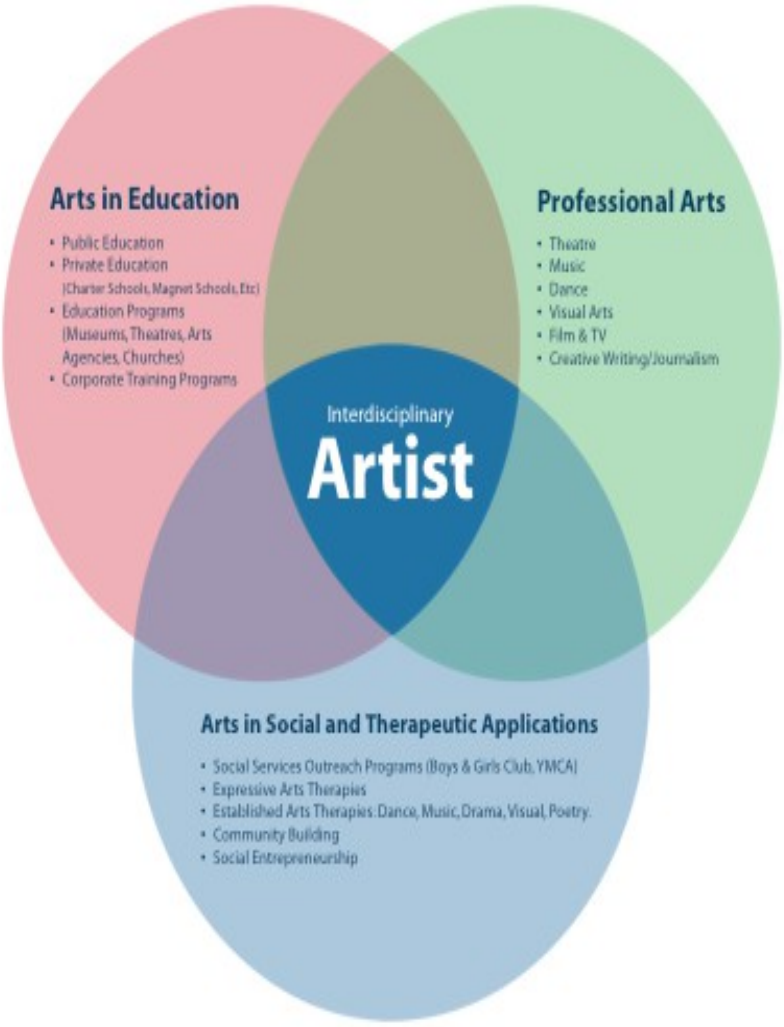
Appendix G

Interdisciplinary Arts (Diagram)

Interdisciplinary Arts

Options

Artist/Scholar | Arts Leadership | Creative Process



Appendix H

Lovewell Study Statistical Analysis

The Lovewell Study Statistical Analysis

By
Melbourne A. Stringer

Prepared for
Dr. David Spangler
December 3, 2006

NOVA Southeastern University
December 04, 2006
Table of Contents

Computation of the Alpha Reliability Coefficient in this Study

Our charge is to demonstrate the precision of the data obtained from the questionnaires. According to (Hopkins, 2000),

> How precise are your measurements? An important question, because the lower the precision, the more subjects you'll need in your study to make up for the "noise" in your measurements. Even with a larger sample, noisy data can be hard to interpret. And if you are an applied scientist in the business of testing and assessing clients, you need special care when interpreting results of noisy tests.

Specifically, we are attempting to show how reliable the data obtained in the Lovewell study is. To guarantee complete analysis, the Kuder-Richardson formula KR-20 was considered, but found not to be applicable to this study, as it can only be use when questions are designed for yes or no responses or 1 and 0 answers. The questionnaire used in this study contained choices for 5 responses. Jones,

> KUDER-RICHARDSON FORMULA 20 (KR-20) estimates the average correlation between halves of a test using all possible combinations of splitting the test in half. A disadvantage of KR-20 is that it can only be used if each answer to a test question is scored as either 1 or 0 (right or wrong).

The Alpha Reliability Coefficient (Cronbach Coefficient) is directly applicable to this study. It appears this statistical analysis tool fits this study well as it may be used in calculations where multiple responses are designed in the questionnaire. The questionnaires used in this study contained five categories for response, strongly agree, agree somewhat, no opinion, disagree somewhat, and strongly disagree. According to (Jones, 2006),

> Probably now the most widely used estimate of internal consistency reliability is the ALPHA coefficient. It is like the KR-20 with additional advantage that it can be calculated even if partial credit is given to the answers to questions on the test (for example 4 points for excellent answer, 2 points for adequate answers, and so on.)

According to (Hopkins, 2000),

> The two most important aspects of precision are reliability and validity. Reliability refers to the reproducibility of a measurement. You quantify reliability simply by taking several measurements on the same subjects. Poor reliability degrades the precision of a single measurement and reduces your ability to track changes in measurements in the clinic or in experimental studies.

Accomplishing the computation of Reliability

SPSS was used to calculate the Alpha coefficient for the Lovewell survey. According to the University of California Academic Technology Web site,

> Cronbach's alpha measures how well a set of items (or variables) measures a single unidimensional latent construct. When data have a multidimensional structure, Cronbach's alpha will usually be low. Technically speaking, Cronbach's alpha is not a statistical test - it is a coefficient of reliability (or consistency).
>
> Cronbach's alpha can be written as a function of the number of test items AND the average inter-correlation among the items. Below, for conceptual purposes, we show the formula for the standardized Cronbach's alpha:

$$\alpha = \frac{N \cdot \bar{r}}{1 + (N-1) \cdot \bar{r}}$$

> Here N is equal to the number of items (in our case, these are number of choices the respondents could choose in this study. These choices ranged from strongly agree to strongly disagree) and r-bar is the average inter-item correlation among the items.
>
> One can see from this formula that if you increase the number of items, you increase Cronbach's alpha. Additionally, if the average inter-item correlation is low, alpha will be low. As the average inter-item correlation increases, Cronbach's alpha increases as well.
>
> This makes sense intuitively - if the inter-item correlations are high, there is evidence that the items are measuring the same underlying construct. This is really what is meant when someone says they have "high" or "good" reliability. They are referring to how well their items measure a single unidimensional latent construct.

There are 29 respondents in the Lovewell study. There are N of cases equal to 22 cases (questions on the survey) and N of items equal to five items (choices per question). The 23rd case was a written question. For this question, the respondents were requested to compose and then

provide a written response. Question1 (q1) through question22 (q22) define each case. The items were choices offered to the participants in the Lovewell Survey. From our Lovewell survey, question1 respondents selected a choice of Strongly Agree and in question2 a response of strongly agree and so on. A value of 1 for strongly disagrees to a value of 5 for strongly agrees were assigned to each choice. These are displayed in our SPSS Variable view. The data was obtained from the Lovewell surveys and manually entered into our SPSS Data view. Please see Appendix A, Table 1. SPSS uses this data to compute the correlation between each question. As a result, a value of .828 for the Alpha Coefficient (Cronbach Coefficient) is obtained. This study demonstrates this survey's high reliability and reproducibility. Appendix B, Table 2 shows the inter item correlation and Appendix C, Table 3 shows the calculated reliability of .828 Alpha Coefficient (Cronbach Coefficient).

References

Hopkins, W. G. (2000). *A new view of statistics.* Retrieved November 26, 2006 from http://www.sportsci.org/resource /stats/relycalc.html#two

Jones, P., University of Nevada. *Measurement primer*. Retrieved November 26, 2006 from http://www.unlv.edu/faculty/pjones /primer/mprelia2.htm

University of California Academic Technology. SPSS FAQ: What does Cronbach's alpha mean? Retrieved November 27, 2006 from http://www.ats.ucla.edu/stat/spss/faq/alpha.html

Appendix A Data View

id	question1	question2	question3	question 4	question5	question6	question7	question8	question9	question10	question11	question12	question13	question14	question15	question16	que
1	4	strongly agree	strongly agree	strongly agree	strongly agree	strongly agree	4	strongly agree	strongly agree	strongly agree	3	strongly agree	strongly agree	strongly agree	strongly agree	strongly agree	stro
2	4	4	4	strongly agree	4	4	4	4	4	strongly agree	3	strongly agree	3	4	4	strongly agree	
3	strongly agree	strongly agree	4	strongly agree	strongly agree	strongly agree	4	4	3	4	4	strongly agree	4	3	strongly agree	4	
4	4	strongly agree	strongly agree	4	4	4	strongly ag	strongly agree	strongly agree	strongly agree	4	4	strongly agree	strongly agree	4	strongly agree	stro
5	strongly agree	strongly agree	strongly agree	strongly agree	strongly agree	strongly agree	strongly ag	strongly agree	strongly agree	strongly agree	3	strongly agree	strongly agree	strongly agree	strongly agree	3	stro
6	strongly agree	strongly agree	strongly agree	strongly agree	strongly agree	strongly agree	strongly ag	strongly agree	strongly agree	strongly agree	strongly agree	strongly agree	strongly agree	strongly agree	strongly agree	strongly agree	stro
7	strongly agree	strongly agree	4	strongly agree	strongly agree	strongly agree	strongly ag	strongly agree	4	strongly agree	4	strongly agree	strongly agree	strongly agree	strongly agree	strongly agree	
8	strongly agree	strongly agree	strongly agree	strongly agree	strongly agree	strongly agree	strongly ag	strongly agree	strongly agree	strongly agree	strongly agree	strongly agree	strongly agree	strongly agree	strongly agree	strongly agree	stro
9	4	strongly agree	3	strongly agree	3	strongly disagree	3	strongly agree	strongly agree	3	strongly agree	strongly agree	3	strongly agree	3	4	
10	4	strongly agree	strongly agree	4	4	3	4	4	strongly agree	4	strongly agree	4	strongly agree	4	3	4	
11	3	4	4	4	strongly agree	strongly agree	4	4	strongly agree	strongly agree	3	strongly agree	strongly agree	strongly agree	4	strongly agree	stro
12	4	strongly agree	strongly agree	strongly agree	strongly agree	strongly agree	strongly ag	4	strongly agree	strongly agree	3	strongly agree	strongly agree	strongly agree	strongly agree	strongly agree	stro
13	3	strongly agree	strongly agree	4	strongly agree	strongly agree	strongly ag	strongly agree	4	strongly agree	3	strongly agree	strongly agree	4	4	3	stro
14	strongly agree	strongly agree	strongly agree	4	4	strongly agree	4	strongly agree	strongly agree	strongly agree	3	strongly agree	strongly agree	strongly agree	4	strongly agree	stro
15	4	strongly agree	4	strongly agree	strongly agree	strongly agree	strongly ag	strongly agree	strongly agree	strongly agree	3	strongly agree	strongly agree	strongly agree	4	strongly agree	stro
16	3	strongly agree	strongly agree	3	4	4	4	3	strongly agree	4	3	strongly agree	strongly agree	strongly agree	3	3	stro
17	strongly agree	strongly agree	4	strongly agree	strongly agree	strongly agree	strongly ag	4	4	4	4	4	strongly agree	strongly agree	strongly agree	4	
18	4	strongly agree	strongly agree	strongly agree	strongly agree	4	4	4	strongly agree	strongly agree	strongly agree	strongly agree	strongly agree	strongly agree	strongly agree	strongly agree	stro
19	4	strongly agree	4	strongly agree	strongly agree	strongly agree	4	4	strongly agree	strongly agree	strongly agree	strongly agree	4	strongly agree	strongly agree	strongly agree	stro
20	strongly agree	strongly agree	strongly agree	4	strongly agree	4	4	strongly agree	strongly agree	strongly agree	strongly agree	strongly agree	4	4	strongly agree	strongly agree	stro
21	strongly agree	strongly agree	strongly agree	4	strongly agree	strongly agree	strongly ag	4	strongly agree	strongly agree	4	strongly agree	strongly agree	strongly agree	4	4	stro
22	4	3	strongly agree	strongly agree	strongly agree	strongly agree	strongly ag	strongly agree	strongly agree	strongly agree	4	4	3	strongly agree	4	3	stro
23	4	strongly agree	strongly agree	4	strongly agree	strongly agree	strongly ag	strongly agree	strongly agree	4	strongly agree	strongly agree	4	strongly agree	3	strongly agree	stro
24	strongly agree	strongly agree	3	4	3	strongly agree	4	4	strongly agree	strongly agree	strongly agree	strongly agree	strongly agree	strongly agree	strongly agree	4	stro
25	4	strongly agree	strongly agree	strongly agree	strongly agree	strongly agree	4	strongly agree	strongly agree	strongly agree	4	strongly agree	4	4	strongly agree	4	stro
26	strongly agree	4	4	4	strongly agree	strongly agree	strongly ag	4	strongly agree	4	4	strongly agree	strongly agree	strongly agree	4	strongly agree	stro
27	4	strongly agree	strongly agree	3	4	strongly agree	4	3	3	4	3	strongly agree	4	4	4	4	stro
28	strongly agree	4	3	4	4	strongly agree	4	strongly agree	4	4	4	strongly agree	3	4	4	strongly agree	stro
29	4	4	strongly agree	strongly agree	strongly agree	strongly agree	4	4	strongly agree	strongly agree	strongly agree	strongly agree	strongly agree	4	4	strongly agree	stro

Table 1

Note: Twenty-nine respondents participated in this survey, answering 22 questions. For Question 23, respondents were asked to compose their own question and respond to it.

Appendix B Correlations

Correlations

		q1	q2	q3	q4	q5	q6	q7	q8	q9	q10	q11	q12	q13	q14	q15	q16	
q1	Pearson Correl	1.000	0.124	-0.209	0.227	0.036	0.214	0.217	0.254	-0.108	0.010	0.320	0.037	0.025	0.010	0.471	0.218	-0
	Sig. (2-tailed)		0.521	0.277	0.237	0.853	0.265	0.259	0.184	0.577	0.958	0.091	0.848	0.896	0.958	0.010	0.256	0
	N	29.000	29.000	29.000	29.000	29.000	29.000	29.000	29.000	29.000	29.000	29.000	29.000	29.000	29.000	29.000	29.000	29
q2	Pearson Correl	0.124	1.000	0.165	-0.068	-0.074	-0.134	-0.013	0.015	-0.020	-0.052	0.083	0.206	0.438	0.074	0.213	0.013	-0
	Sig. (2-tailed)	0.521		0.393	0.724	0.704	0.488	0.948	0.937	0.918	0.787	0.670	0.284	0.018	0.702	0.267	0.946	0
	N	29.000	29.000	29.000	29.000	29.000	29.000	29.000	29.000	29.000	29.000	29.000	29.000	29.000	29.000	29.000	29.000	29
q3	Pearson Correl	-0.209	0.165	1.000	-0.102	0.475	0.222	0.347	0.023	0.228	0.392	-0.123	-0.138	0.369	0.016	0.025	-0.122	0
	Sig. (2-tailed)	0.277	0.393		0.599	0.009	0.247	0.065	0.907	0.233	0.035	0.525	0.476	0.049	0.934	0.897	0.530	0
	N	29.000	29.000	29.000	29.000	29.000	29.000	29.000	29.000	29.000	29.000	29.000	29.000	29.000	29.000	29.000	29.000	29
q4	Pearson Correl	0.227	-0.068	-0.102	1.000	0.391	0.020	0.120	0.422	0.126	0.288	0.200	-0.011	-0.095	0.084	0.527	0.209	-0
	Sig. (2-tailed)	0.237	0.724	0.599		0.036	0.917	0.536	0.023	0.516	0.129	0.298	0.955	0.625	0.663	0.003	0.278	0
	N	29.000	29.000	29.000	29.000	29.000	29.000	29.000	29.000	29.000	29.000	29.000	29.000	29.000	29.000	29.000	29.000	29
q5	Pearson Correl	0.036	-0.074	0.475	0.391	1.000	0.588	0.561	0.176	0.056	0.437	-0.068	0.079	0.287	0.022	0.437	0.151	0
	Sig. (2-tailed)	0.853	0.704	0.009	0.036		0.001	0.002	0.362	0.774	0.018	0.726	0.684	0.131	0.912	0.018	0.435	0
	N	29.000	29.000	29.000	29.000	29.000	29.000	29.000	29.000	29.000	29.000	29.000	29.000	29.000	29.000	29.000	29.000	29
q6	Pearson Correl	0.214	-0.134	0.222	0.020	0.588	1.000	0.551	-0.005	-0.166	0.540	-0.294	0.175	0.319	0.016	0.489	0.109	0
	Sig. (2-tailed)	0.265	0.488	0.247	0.917	0.001		0.002	0.981	0.391	0.002	0.122	0.364	0.091	0.936	0.007	0.575	0
	N	29.000	29.000	29.000	29.000	29.000	29.000	29.000	29.000	29.000	29.000	29.000	29.000	29.000	29.000	29.000	29.000	29
q7	Pearson Correl	0.217	-0.013	0.347	0.120	0.561	0.551	1.000	0.261	0.075	0.357	-0.149	-0.241	0.408	0.357	0.201	-0.032	0
	Sig. (2-tailed)	0.259	0.948	0.065	0.536	0.002	0.002		0.172	0.697	0.057	0.441	0.208	0.028	0.057	0.296	0.867	0
	N	29.000	29.000	29.000	29.000	29.000	29.000	29.000	29.000	29.000	29.000	29.000	29.000	29.000	29.000	29.000	29.000	29
q8	Pearson Correl	0.254	0.015	0.023	0.422	0.176	-0.005	0.261	1.000	0.284	0.254	0.134	-0.033	-0.132	0.152	0.156	0.167	0
	Sig. (2-tailed)	0.184	0.937	0.907	0.023	0.362	0.981	0.172		0.135	0.184	0.489	0.864	0.494	0.432	0.419	0.387	0
	N	29.000	29.000	29.000	29.000	29.000	29.000	29.000	29.000	29.000	29.000	29.000	29.000	29.000	29.000	29.000	29.000	29
q9	Pearson Correl	-0.108	-0.020	0.228	0.126	0.056	-0.166	0.075	0.284	1.000	0.310	0.280	-0.041	0.293	0.631	-0.100	0.163	0
	Sig. (2-tailed)	0.577	0.918	0.233	0.516	0.774	0.391	0.697	0.135		0.102	0.141	0.834	0.123	0.000	0.605	0.397	0
	N	29.000	29.000	29.000	29.000	29.000	29.000	29.000	29.000	29.000	29.000	29.000	29.000	29.000	29.000	29.000	29.000	29
q10	Pearson Correl	0.010	-0.052	0.392	0.288	0.437	0.540	0.357	0.254	0.310	1.000	-0.153	0.114	0.365	0.181	0.554	0.218	0
	Sig. (2-tailed)	0.958	0.787	0.035	0.129	0.018	0.002	0.057	0.184	0.102		0.428	0.555	0.051	0.346	0.002	0.256	0
	N	29.000	29.000	29.000	29.000	29.000	29.000	29.000	29.000	29.000	29.000	29.000	29.000	29.000	29.000	29.000	29.000	29
q11	Pearson Correl	0.320	0.083	-0.123	0.200	-0.068	-0.294	-0.149	0.134	0.280	-0.153	1.000	-0.120	-0.115	0.000	0.059	0.230	-0
	Sig. (2-tailed)	0.091	0.670	0.525	0.298	0.726	0.122	0.441	0.489	0.141	0.428		0.534	0.554	1.000	0.760	0.231	0
	N	29.000	29.000	29.000	29.000	29.000	29.000	29.000	29.000	29.000	29.000	29.000	29.000	29.000	29.000	29.000	29.000	29
q12	Pearson Correl	0.037	0.206	-0.138	-0.011	0.079	0.175	-0.241	-0.033	-0.041	0.114	-0.120	1.000	0.010	-0.070	0.177	0.248	0
	Sig. (2-tailed)	0.848	0.284	0.476	0.955	0.684	0.364	0.208	0.864	0.834	0.555	0.534		0.961	0.719	0.357	0.195	0
	N	29.000	29.000	29.000	29.000	29.000	29.000	29.000	29.000	29.000	29.000	29.000	29.000	29.000	29.000	29.000	29.000	29
q13	Pearson Correl	0.025	0.438	0.369	-0.095	0.287	0.319	0.408	-0.132	0.293	0.365	-0.115	0.010	1.000	0.365	0.227	0.084	0
	Sig. (2-tailed)	0.896	0.018	0.049	0.625	0.131	0.091	0.028	0.494	0.123	0.051	0.554	0.961		0.051	0.236	0.665	0
	N	29.000	29.000	29.000	29.000	29.000	29.000	29.000	29.000	29.000	29.000	29.000	29.000	29.000	29.000	29.000	29.000	29
q14	Pearson Correl	0.010	0.074	0.016	0.084	0.022	0.016	0.357	0.152	0.631	0.181	0.000	-0.070	0.365	1.000	0.009	0.130	0
	Sig. (2-tailed)	0.958	0.702	0.934	0.663	0.912	0.936	0.057	0.432	0.000	0.346	1.000	0.719	0.051		0.961	0.501	0
	N	29.000	29.000	29.000	29.000	29.000	29.000	29.000	29.000	29.000	29.000	29.000	29.000	29.000	29.000	29.000	29.000	29
q15	Pearson Correl	0.471	0.213	0.025	0.527	0.437	0.489	0.201	0.156	-0.100	0.554	0.059	0.177	0.227	0.009	1.000	0.202	0
	Sig. (2-tailed)	0.010	0.267	0.897	0.003	0.018	0.007	0.296	0.419	0.605	0.002	0.760	0.357	0.236	0.961		0.293	0
	N	29.000	29.000	29.000	29.000	29.000	29.000	29.000	29.000	29.000	29.000	29.000	29.000	29.000	29.000	29.000	29.000	29
q16	Pearson Correl	0.218	0.013	-0.122	0.209	0.151	0.109	-0.032	0.167	0.163	0.218	0.230	0.248	0.084	0.130	0.202	1.000	0
	Sig. (2-tailed)	0.256	0.946	0.530	0.278	0.435	0.575	0.867	0.387	0.397	0.256	0.231	0.195	0.665	0.501	0.293		0
	N	29.000	29.000	29.000	29.000	29.000	29.000	29.000	29.000	29.000	29.000	29.000	29.000	29.000	29.000	29.000	29.000	29
q17	Pearson Correl	-0.088	-0.094	0.470	-0.289	0.376	0.676	0.356	0.015	0.327	0.580	-0.165	0.206	0.343	0.201	0.213	0.108	1
	Sig. (2-tailed)	0.651	0.626	0.010	0.128	0.044	0.000	0.058	0.937	0.083	0.001	0.391	0.284	0.069	0.297	0.267	0.577	
	N	29.000	29.000	29.000	29.000	29.000	29.000	29.000	29.000	29.000	29.000	29.000	29.000	29.000	29.000	29.000	29.000	29
q18	Pearson Correl	0.246	0.295	0.165	0.118	0.219	0.158	0.408	0.503	0.277	0.147	0.167	-0.176	0.409	0.232	0.294	-0.015	0
	Sig. (2-tailed)	0.199	0.120	0.392	0.543	0.253	0.413	0.028	0.005	0.146	0.447	0.387	0.362	0.028	0.226	0.122	0.937	0
	N	29.000	29.000	29.000	29.000	29.000	29.000	29.000	29.000	29.000	29.000	29.000	29.000	29.000	29.000	29.000	29.000	29
q19	Pearson Correl	0.274	0.163	0.201	-0.036	0.396	0.419	0.458	0.211	-0.061	0.320	-0.068	0.054	0.421	0.216	0.375	0.024	0
	Sig. (2-tailed)	0.151	0.397	0.296	0.853	0.033	0.024	0.012	0.273	0.754	0.091	0.725	0.782	0.023	0.261	0.045	0.900	0
	N	29.000	29.000	29.000	29.000	29.000	29.000	29.000	29.000	29.000	29.000	29.000	29.000	29.000	29.000	29.000	29.000	29
q20	Pearson Correl	0.003	0.095	0.306	0.203	0.461	0.529	0.436	0.164	-0.003	0.462	0.000	0.033	0.285	0.053	0.479	0.064	0
	Sig. (2-tailed)	0.988	0.623	0.106	0.291	0.012	0.003	0.018	0.396	0.987	0.012	1.000	0.864	0.133	0.785	0.009	0.743	0
	N	29.000	29.000	29.000	29.000	29.000	29.000	29.000	29.000	29.000	29.000	29.000	29.000	29.000	29.000	29.000	29.000	29
q21	Pearson Correl	0.136	0.069	0.332	0.013	0.542	0.527	0.488	0.350	0.112	0.224	-0.140	0.074	0.202	0.295	0.347	0.033	0
	Sig. (2-tailed)	0.483	0.722	0.079	0.947	0.002	0.003	0.007	0.062	0.561	0.244	0.470	0.705	0.292	0.121	0.065	0.864	0
	N	29.000	29.000	29.000	29.000	29.000	29.000	29.000	29.000	29.000	29.000	29.000	29.000	29.000	29.000	29.000	29.000	29
q22	Pearson Correl	-0.215	0.282	0.148	0.179	-0.118	-0.084	-0.207	0.179	-0.097	0.260	0.009	-0.069	-0.138	-0.131	0.098	-0.137	-0
	Sig. (2-tailed)	0.282	0.155	0.461	0.372	0.559	0.678	0.300	0.372	0.629	0.191	0.966	0.731	0.494	0.515	0.627	0.494	0
	N	27.000	27.000	27.000	27.000	27.000	27.000	27.000	27.000	27.000	27.000	27.000	27.000	27.000	27.000	27.000	27.000	27

Table 2
Appendix C Reliability

Case Processing Summary

		N	%
Cases	Valid	27	93.1
	Excluded[a]	2	6.9
	Total	29	100.0

a. Listwise deletion based on all variables in the procedure.

Reliability Statistics

Cronbach's Alpha	N of Items
.828	22

Table 3