The Thurgood Marshall School of Law Empirical Findings: A Report of the Statistical Analysis of the July 2010 TMSL Texas Bar Results

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Executive Summary

The following report gives the statistical findings of the July 2010 TMSL Bar results.

Procedures
Data is pre-existing and was given to the Evaluator by email from the Registrar and Dean. Statistical analyses were run using SPSS 17 to address the following research questions:

1. What are the statistical descriptors of the July 2010 overall TMSL Bar students?
    a. What was the difference in scoring of the overall versus the First-Time Bar students?

2. What is the relationship of the subcategories, Times Taken the Bar, and Final Bar Score for the July 2010 TMSL Bar test takers?

3. What five subcategories were the best predictors of the July 2010 TMSL overall Bar test scores?

4. What were the statistical descriptors of the July 2010 TMSL First-Time Bar students (FTBs)?
    a. What was the difference in scoring of the Overall versus the First-Time Bar students?

5. What is the relationship of the subcategories and the Final Bar Score for the TMSL FTBs?

6. What five subcategories were the best Predictors of the July 2010 TMSL Bar Test Scores for the FTBs?

Findings

The raw findings of this report have many statistical phenomena, but the below summary analyses address ONLY the research questions. For further clarification or investigation, it is recommended to view the Appendixes or contact TMSL Assessment.

Question 1: What are the statistical descriptors of the July 2010 overall TMSL Bar students?

This summary comes from data produced by SPSS 17 shown in Appendix 1. The median measure is highlighted because the median tends to be the measure of central tendency more closely related to a sample. The median of the July 2010 Bar Examinees final score was 680 and the median times taken was 1. With the mean being 679.04, and the mode being 680, the data is considered very slightly skewed to the left, indicating that a few more scores are strung out to the negative or low end of the distribution. The bottom 10% of scored 625 or below and the top 10% scored 732 or above. **A)** Overall median scores compared to the First-Time Bar students (FTBs) are given in the tables below:

	MPT	P&E Crim	P&E Civ	MBEConLaw	MBEContracts	MBECrimLaw	MBEEvidence	MBEProperty	MBETorts
July 2010 Median FTBs	**14.84**	**40.91**	**49.3**	**24.81**	**34.24**	**31.48**	**26.86**	**31.48**	**40.09**
July 2010 Median Overall	**14.84**	**39.25**	**45.86**	**24.81**	**34.24**	**31.48**	**19.86**	**31.48**	**28.83**

	EssayBA1	EssayBA2	EssayFamLaw1	EssayFamLaw2	EssayReal Prop1	EssayReal Prop2	EssayTrust	EssayConsumer	EssayUCC1	EssayUCC2	EssayWills1	EssayWills2	**Final Score**
July 2010 Median FTBs	**33.42**	**23.63**	**38.62**	**39.55**	**40.34**	**29.29**	**59.38**	**59.09**	**39.94**	**36.54**	**23.56**	**30.8**	**686**
July 2010 Median Overall	**33.42**	**23.63**	**27.39**	**28.04**	**40.34**	**20.01**	**45.82**	**34.71**	**39.94**	**36.54**	**17.10**	**26.32**	**680**

Question 2: What is the relationship of the subcategories, Times Taken the Bar, and Final Bar Score for the July 2010 TMSL Bar test takers?

A Correlational analysis was run using SPSS 17 producing the condensed results given in Appendix 2. For the full version, please contact TMSL Assessment. The Final Score Correlational measures to the subcategories are given in the table below (ALL correlations were significant to the .01 level):

	MPT	P&E Crim	P&E Civ	MBEConLaw	MBEContracts	MBECrimLaw	MBEEvidence	MBEProperty	MBETorts	Times Taken
Bar Exam Final Score July 2010 Pearson R	**.447**	**.607**	**.567**	**.521**	**.478**	**.502**	**.570**	**.636**	**.535**	**-.397**

	EssayBA1	EssayBA2	EssayFamLaw1	EssayFamLaw2	EssayReal Prop1	EssayReal Prop2	EssayTrust	EssayConsumer	EssayUCC1	EssayUCC2	EssayWills1	EssayWills2
Bar Exam Final Score July 2010 Pearson R	**.307**	**.396**	**.513**	**.510**	**.322**	**.524**	**.338**	**.391**	**.365**	**.508**	**.424**	**.407**

**Note that there is a negative relationship between times taking the test and final score.

Question 3: What five subcategories were the best predictors of the July 2010 TMSL overall Bar test scores?

A Regressional analysis was done using SPSS 17 and the output can be seen in Appendix 3. The subcategory that served as the best Predictor of the July 2010 TMSL Bar examinees was the MPT (B=.270) or the MBERealProp (Beta=.138). These categories B weight differ slightly due to the standard error in the two subcategories. But, the unstandardized best predictor is the MPT, while the standardized Beta would be MBERealProp. The next four completing the top five unstandardized coefficients would be MBERealProp (B=.259), MBEEvidence (B=.238), MBEContracts (B=.238), and MBEConLaw (B=235).

These predictors are arguably the best five predictors that can be found when assessing Bar Exam initiatives. The overall effect size or R^2 was given as .966, which indicates the subcategories of the bar cover approximately 97% of the Final Bar Score. This high effect size is common with standardized examinations and speaks mostly to the efficient measurability of the examination.

Please note that all data must be used when assessing educational objectives. The highest Correlational coefficient (.636) was found with the MBERealProp subcategory while it was also the best standardized measure. This indicates that this relationship has some cause. While the second highest Correlational coefficient was P&ECrim (.607), but it only has a B weight of .092, which is not statistically significant at the .01 level. This is an example of why looking at only the Correlational coefficient in statistical decision making is discouraged. Correlation does not mean causality. P&ECrim is a good example of how a large correlation does not always yield a good predictor.

Question 4: What were the statistical descriptors of the July 2010 TMSL First-Time Bar students (FTBs)?

SPSS 17 produced the descriptive data given in Appendix 4. The median measure is highlighted because the median tends to be the measure of central tendency more closely related to the sample. The median of the July 2010 First-Time Bar students (FTBs) final score was 686. With the mean being 690.41, and the mode being 680, the data is considered very slightly skewed to the right, indicating that a few more scores are strung out to the positive or high end of the distribution. The bottom 10% of scored 641 or below and the top 10% scored 743 or above. **A)** FTBs median scores compared to the Overall in the table in Research Question 1.

Question 5: What is the relationship of the subcategories and the Final Bar Score for the TMSL FTBs?

To determine the level of relationship between the variables of Final Bar Score and subcategories of FTBs, a Correlational analysis was run using SPSS 17 and the condensed findings can be seen in Appendix 5. For the full version, please contact TMSL Assessment. The below table summarizes findings (ALL Correlational coefficients were statistically significant to the .01 level):

	MPT	P&E Crim	P&E Civ	MBEConLaw	MBEContracts	MBECrimLaw	MBEEvidence	MBEProperty	MBETorts	Times Taken
Bar Exam Final Score July 2010 Pearson R For FTBs	**.427**	**.665**	**.551**	**.453**	**.476**	**.568**	**.535**	**.644**	**.540**	**N/A**

	EssayBA1	EssayBA2	EssayFamLaw1	EssayFamLaw2	EssayReal Prop1	EssayReal Prop2	EssayTrust	EssayConsumer	EssayUCC1	EssayUCC2	EssayWills1	EssayWills2
Bar Exam Final Score July 2010 Pearson R for FTBs	**.263**	**.425**	**.600**	**.472**	**.337**	**.515**	**.262**	**.292**	**.383**	**.521**	**.385**	**.372**

**Note that Times Taken was N/A because FTBs Times Taken was 1.

Question 6: What five subcategories were the best Predictors of the July 2010 TMSL Bar Test Scores for the FTBs?

A Regressional analysis was done using SPSS 17 and the output can be seen in Appendix 6. The subcategory that served as the best Predictor of the July 2010 TMSL FTBs was the MBERealProp (B=.267). The next four completing the top five unstandardized coefficients would be MPT (B=.266), MBEContracts (B=.239), MBEEvidence (B=.211), and MBEConLaw (B=203).

Those predictors are arguably the best five predictors that can be found when assessing Bar Exam initiatives. The overall effect size or R^2 was given as .964, which indicates the subcategories of the bar cover approximately 96% of the Final Bar Score. This high effect size is common with standardized examinations and speaks mostly to the efficient measurability of the examination.

There should be a focus on more than one statistical finding when assessing educational initiatives. The highest Correlational coefficient (.665) was found with the P&E Criminal, but it yielded a small B=.119 was not statistically significant to the .01 level. This indicates that this relationship did little to cause FTBs to score higher on the Bar Exam. Although the second highest Correlational coefficient was MBERealProp (.644), it yielded the highest B weight for FTBs. Clearly, looking at only the Correlational coefficient in statistical decision making is highly discouraged. Correlation does not mean causality. P&ECrim is another example of how a large correlation does not always yield a good predictor.

Summary

Theoretically, the Bar Examination's educational components could be found by further evaluating the learning objectives that were tested upon in the subcategories. If the goal is to address curricula initiatives that affect the Bar Exam, then further study of those objectives should be done. This high stakes test is very well designed and could serve as a baseline for further TMSL educational studies. The high effect size (R^2=.966) yields statistically significant results with a very low N. Therefore, learning initiatives based on Bar objectives can easily be assessed (summative) by analyzing subcategories of the Bar.

Appendix 1

Statistics

		MPT	PECrim	PECiv	MBEConLaw	MBEContracts
N	Valid	140	140	140	140	140
	Missing	0	0	0	0	0
Mean		17.74	42.44	46.70	27.26	34.98
Median		14.84	39.25	45.86	24.81	34.24
Mode		5	27	49	17	63
Percentiles	10	1.25	10.34	11.40	4.59	5.49
	20	4.66	19.47	19.22	7.17	14.41
	30	4.66	26.75	27.29	11.33	20.15
	40	4.66	31.62	36.57	16.92	26.50
	50	14.84	39.25	45.86	24.81	34.24
	60	14.84	46.73	51.60	32.95	39.96
	70	14.84	56.26	60.24	32.95	43.78
	80	34.92	69.84	76.68	43.06	61.66
	90	34.92	77.30	88.20	54.11	63.43

Statistics

		MBECrimLaw	MBEEvidence	MBERealProp	MBETorts	EssayUCC1
N	Valid	140	140	140	140	140
	Missing	0	0	0	0	0
Mean		37.11	28.85	33.34	36.19	40.24
Median		31.48	19.86	31.48	28.83	39.94
Mode		31	14	41	29	58
Percentiles	10	4.59	5.95	5.02	8.39	3.85
	20	14.02	6.75	11.72	13.48	12.26
	30	21.94	14.31	17.14	20.37	19.04
	40	31.48	14.31	23.34	20.37	24.85
	50	31.48	19.86	31.48	28.83	39.94
	60	41.34	26.86	41.05	40.09	49.52
	70	52.42	35.10	41.05	50.95	58.16
	80	64.04	45.03	50.74	62.46	66.98
	90	73.72	73.88	69.42	82.70	86.96

Statistics

		EssayUCC2	EssayFamLaw1	EssayFamLaw2	EssayBA1	EssayBA2
N	Valid	140	140	140	140	140
	Missing	0	0	0	0	0
Mean		36.02	33.27	38.87	36.66	29.28
Median		36.54	27.39	28.04	33.42	23.63
Mode		41	39	16	33	11[a]
Percentiles	10	6.70	3.23	4.41	4.70	2.44
	20	10.86	7.67	16.24	8.61	7.67
	30	17.45	19.83	16.24	22.55	11.04
	40	20.69	27.39	28.04	33.42	16.49
	50	36.54	27.39	28.04	33.42	23.63
	60	41.41	38.62	39.55	33.42	32.13
	70	52.24	38.62	51.34	46.00	40.98
	80	56.15	62.57	65.83	61.13	50.27
	90	74.26	62.57	83.33	76.55	67.91

a. Multiple modes exist. The smallest value is shown

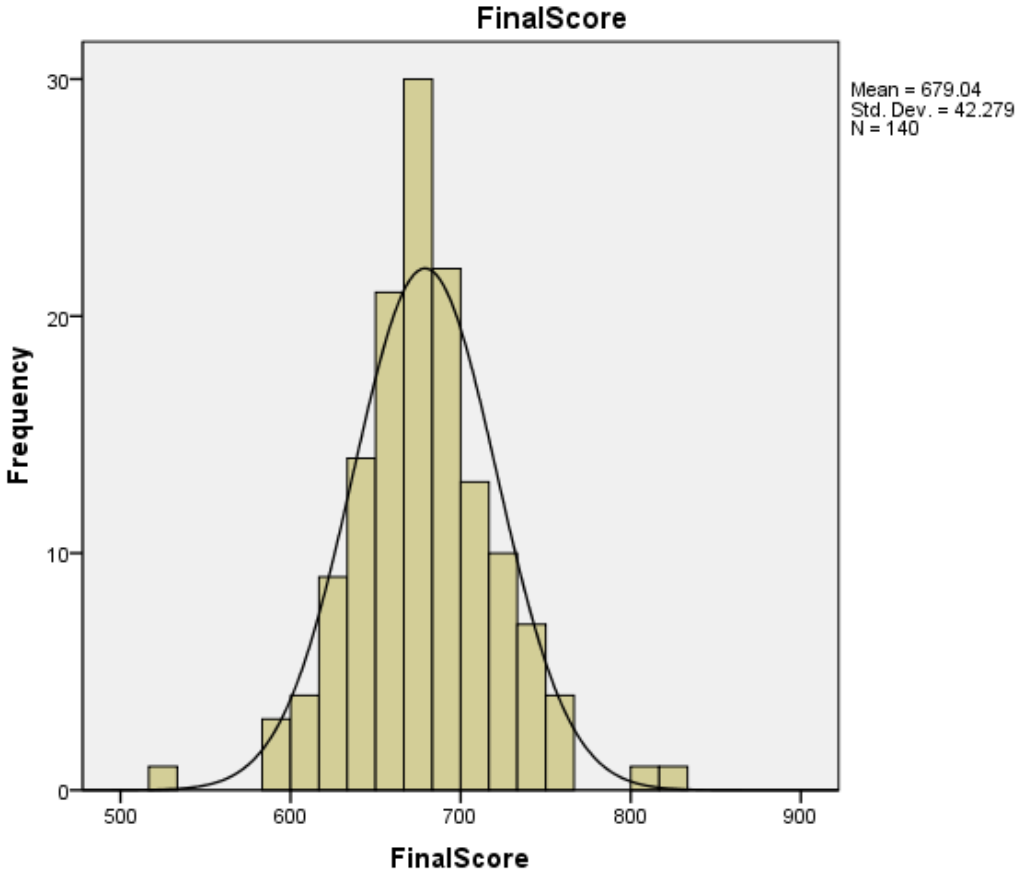
Statistics

		EssayWills1	EssayWills2	EssayTrust	EssayConsumer	EssayRealProp1
N	Valid	140	140	140	140	140
	Missing	0	0	0	0	0
Mean		24.84	32.92	52.00	44.64	41.26
Median		17.10	26.32	45.82	34.71	40.34
Mode		12	15[a]	32	59	47
Percentiles	10	3.94	5.67	12.12	12.15	7.82
	20	5.45	8.96	20.29	21.76	17.43
	30	9.77	14.52	32.48	21.76	23.34
	40	12.23	21.84	45.82	34.71	31.16
	50	17.10	26.32	45.82	34.71	40.34
	60	23.56	37.71	59.38	59.09	47.01
	70	31.27	51.19	74.15	59.09	56.19
	80	41.34	55.00	85.80	59.09	70.28
	90	62.75	68.23	91.57	84.30	83.06

a. Multiple modes exist. The smallest value is shown

Statistics

		EssayRealProp2	TimesTaken	FinalScore
N	Valid	140	140	140
	Missing	0	0	0
Mean		30.10	1.64	679.04
Median		20.01	1.00	680.00
Mode		20	1	680
Percentiles	10	3.12	1.00	625.00
	20	7.24	1.00	648.40
	30	13.88	1.00	659.30
	40	20.01	1.00	675.40
	50	20.01	1.00	680.00
	60	29.29	1.00	684.00
	70	43.71	1.00	695.00
	80	55.93	3.00	707.80
	90	67.30	3.90	732.90


FinalScore
Mean = 679.04
Std. Dev. = 42.279
N = 140
Frequency
30
20
10
0
500
600
700
800
900
FinalScore

Appendix 2

		TimesTaken	FinalScore
MPT	Pearson Correlation	-.211*	.447**
	Sig. (2-tailed)	.012	.000
PECrim	Pearson Correlation	-.253**	.607**
	Sig. (2-tailed)	.003	.000
PECiv	Pearson Correlation	-.381**	.567**
	Sig. (2-tailed)	.000	.000
MBEConLaw	Pearson Correlation	-.223**	.521**
	Sig. (2-tailed)	.008	.000
MBEContracts	Pearson Correlation	-.239**	.478**
	Sig. (2-tailed)	.004	.000
MBECrimLaw	Pearson Correlation	-.103	.502**
	Sig. (2-tailed)	.224	.000
MBEEvidence	Pearson Correlation	-.239**	.570**
	Sig. (2-tailed)	.004	.000
MBERealProp	Pearson Correlation	-.190*	.636**
	Sig. (2-tailed)	.025	.000
MBETorts	Pearson Correlation	-.252**	.535**
	Sig. (2-tailed)	.003	.000
EssayUCC1	Pearson Correlation	-.192*	.365**
	Sig. (2-tailed)	.023	.000
EssayUCC2	Pearson Correlation	-.089	.508**
	Sig. (2-tailed)	.297	.000
EssayFamLaw1	Pearson Correlation	-.213*	.513**
	Sig. (2-tailed)	.012	.000
EssayFamLaw2	Pearson Correlation	-.108	.510**
	Sig. (2-tailed)	.203	.000
EssayBA1	Pearson Correlation	-.137	.307**
	Sig. (2-tailed)	.107	.000
EssayBA2	Pearson Correlation	-.049	.396**
	Sig. (2-tailed)	.568	.000
EssayWills1	Pearson Correlation	-.301**	.424**
	Sig. (2-tailed)	.000	.000
EssayWills2	Pearson Correlation	-.113	.407**
	Sig. (2-tailed)	.185	.000
EssayTrust	Pearson Correlation	-.168*	.338**

	Sig. (2-tailed)	.048	.000
EssayConsumer	Pearson Correlation	-.296**	.391**
	Sig. (2-tailed)	.000	.000
EssayRealProp1	Pearson Correlation	-.059	.322**
	Sig. (2-tailed)	.487	.000
EssayRealProp2	Pearson Correlation	-.155	.524**
	Sig. (2-tailed)	.067	.000
TimesTaken	Pearson Correlation	1	-.397**
	Sig. (2-tailed)		.000
FinalScore	Pearson Correlation	-.397**	1
	Sig. (2-tailed)	.000	

**.Correlation is significant at the 0.01 level (2-tailed).

*.Correlation is significant at the .05 level (2-tailed).

Appendix 3

Model Summary

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate
1	.983[a]	.966	.961	8.399

a. Predictors: (Constant), EssayRealProp2, MBECrimLaw, EssayBA1, EssayRealProp1, EssayTrust, MPT, EssayBA2, EssayUCC1, EssayWills2, EssayUCC2, EssayWills1, MBETorts, EssayConsumer, EssayFamLaw1, MBEConLaw, MBEContracts, MBEEvidence, EssayFamLaw2, PECiv, MBERealProp, PECrim

ANOVA[b]

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	240135.026	21	11435.001	162.105	.000[a]
	Residual	8323.795	118	70.541		
	Total	248458.821	139			

a. Predictors: (Constant), EssayRealProp2, MBECrimLaw, EssayBA1, EssayRealProp1, EssayTrust, MPT, EssayBA2, EssayUCC1, EssayWills2, EssayUCC2, EssayWills1, MBETorts, EssayConsumer, EssayFamLaw1, MBEConLaw, MBEContracts, MBEEvidence, EssayFamLaw2, PECiv, MBERealProp, PECrim

b. Dependent Variable: FinalScore

Coefficients[a]

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	558.611	2.534		220.469	.000
	MPT	.270	.044	.125	6.131	.000
	PECrim	.092	.040	.054	2.301	.023
	PECiv	.167	.033	.107	5.039	.000
	MBEConLaw	.235	.043	.110	5.440	.000
	MBEContracts	.238	.038	.128	6.339	.000
	MBECrimLaw	.194	.035	.115	5.549	.000
	MBEEvidence	.238	.037	.132	6.449	.000
	MBERealProp	.259	.042	.138	6.098	.000
	MBETorts	.178	.035	.108	5.007	.000
	EssayUCC1	.139	.028	.094	4.945	.000
	EssayUCC2	.159	.034	.095	4.739	.000
	EssayFamLaw1	.101	.036	.057	2.820	.006
	EssayFamLaw2	.121	.033	.078	3.714	.000
	EssayBA1	.133	.033	.077	3.999	.000
	EssayBA2	.164	.034	.091	4.883	.000
	EssayWills1	.170	.042	.085	4.086	.000
	EssayWills2	.179	.033	.105	5.353	.000
	EssayTrust	.147	.027	.103	5.350	.000
	EssayConsumer	.062	.033	.037	1.895	.060
	EssayRealProp1	.125	.029	.079	4.344	.000
	EssayRealProp2	.177	.036	.104	4.929	.000

a. Dependent Variable: FinalScore

Appendix 4

Statistics

		MPT	PECrim	PECiv	MBEConLaw	MBEContracts
N	Valid	99	99	99	99	99
	Missing	0	0	0	0	0
Mean		20.25	46.35	53.44	30.61	37.91
Median		14.84	40.91	49.30	24.81	34.24
Mode		5	27[a]	49	43	63
Percentiles	10	1.25	16.17	19.22	7.17	9.21
	20	4.66	26.75	27.29	11.33	14.41
	30	4.66	31.62	36.57	16.92	20.15
	40	4.66	37.58	45.86	24.81	26.50
	50	14.84	40.91	49.30	24.81	34.24
	60	14.84	52.13	56.47	32.95	43.78
	70	34.92	63.43	70.81	43.06	54.57
	80	34.92	70.49	82.50	43.06	63.43
	90	60.31	77.66	91.97	54.11	63.43

a. Multiple modes exist. The smallest value is shown

Statistics

		MBECrimLaw	MBEEvidence	MBERealProp	MBETorts	EssayUCC1
N	Valid	99	99	99	99	99
	Missing	0	0	0	0	0
Mean		38.68	32.87	36.53	40.39	43.55
Median		31.48	26.86	31.48	40.09	39.94
Mode		22	20	31[a]	29	40[a]
Percentiles	10	7.89	3.55	7.74	13.48	3.66
	20	14.02	9.97	17.14	13.48	12.26
	30	21.94	14.31	23.34	20.37	19.04
	40	31.48	19.86	31.48	28.83	33.88
	50	31.48	26.86	31.48	40.09	39.94
	60	41.34	35.10	41.05	50.95	49.52
	70	52.42	45.03	41.05	50.95	58.16
	80	64.04	55.22	50.74	62.46	66.98
	90	73.72	74.87	69.42	83.65	87.52

a. Multiple modes exist. The smallest value is shown

Statistics

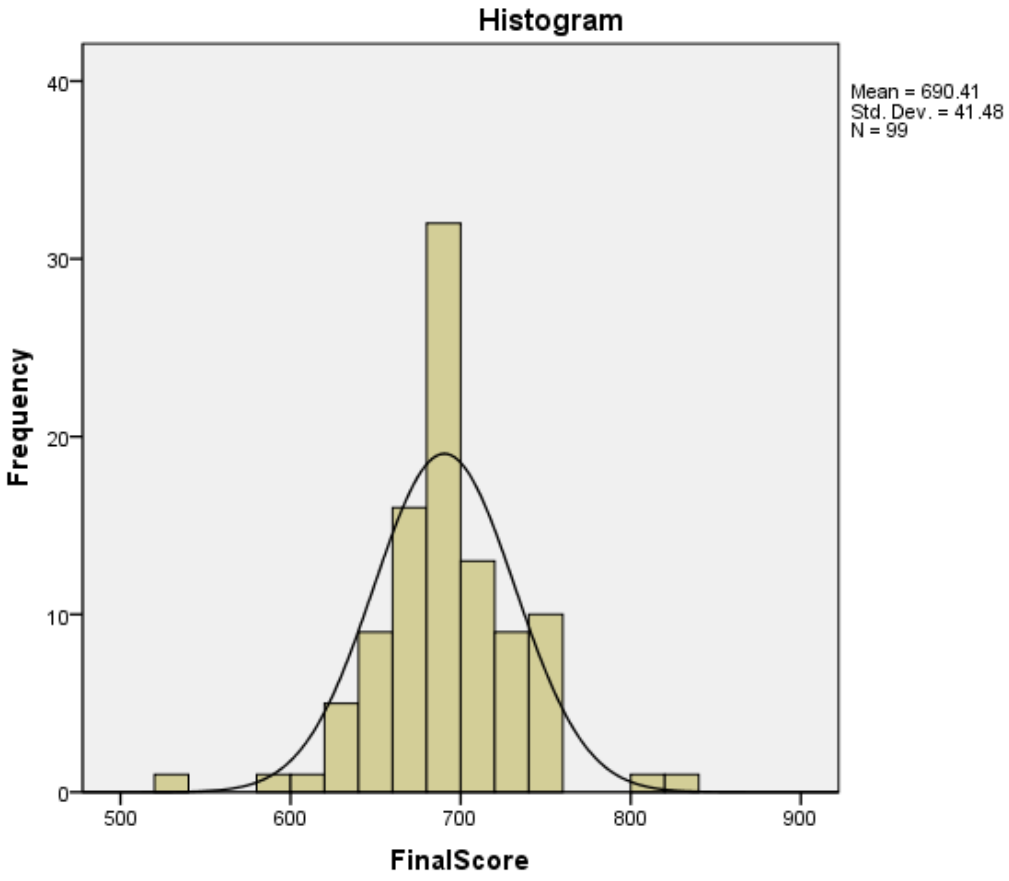
		EssayUCC2	EssayFamLaw1	EssayFamLaw2	EssayBA1	EssayBA2
N	Valid	99	99	99	99	99
	Missing	0	0	0	0	0
Mean		38.50	36.11	41.89	38.64	29.63
Median		36.54	38.62	39.55	33.42	23.63
Mode		41	39	16	33	41
Percentiles	10	6.70	7.67	9.43	8.61	4.52
	20	10.86	7.67	16.24	14.41	11.04
	30	20.69	19.83	16.24	22.55	11.04
	40	31.27	27.39	28.04	33.42	16.49
	50	36.54	38.62	39.55	33.42	23.63
	60	41.41	38.62	51.34	46.00	32.13
	70	52.24	38.62	65.83	46.00	40.98
	80	64.93	62.57	65.83	61.13	50.27
	90	80.39	62.57	83.33	76.55	67.91

Statistics

		EssayWills1	EssayWills2	EssayTrust	EssayConsumer	EssayRealProp 1
N	Valid	99	99	99	99	99
	Missing	0	0	0	0	0
Mean		29.34	35.57	56.53	49.76	42.36
Median		23.56	30.80	59.38	59.09	40.34
Mode		12	55	74	59	23
Percentiles	10	5.45	5.67	12.12	21.76	7.82
	20	8.71	8.96	32.48	21.76	17.43
	30	12.23	14.52	32.48	34.71	23.34
	40	17.10	21.84	45.82	34.71	31.16
	50	23.56	30.80	59.38	59.09	40.34
	60	31.27	42.31	74.15	59.09	47.01
	70	41.34	55.00	74.15	59.09	56.19
	80	51.95	55.00	85.80	84.30	70.28
	90	62.75	68.23	91.57	84.30	83.22

Statistics

		EssayRealProp2	TimesTaken	FinalScore
N	Valid	99	99	99
	Missing	0	0	0
Mean		33.12	1.00	690.41
Median		29.29	1.00	686.00
Mode		29	1	680
Percentiles	10	3.12	1.00	641.00
	20	7.24	1.00	662.00
	30	13.88	1.00	677.00
	40	20.01	1.00	681.00
	50	29.29	1.00	686.00
	60	29.29	1.00	695.00
	70	43.71	1.00	707.00
	80	55.93	1.00	726.00
	90	67.30	1.00	743.00


Histogram
Mean = 690.41
Std. Dev. = 41.48
N = 99
Frequency
40
30
20
10
0
500
600
700
800
900
FinalScore

Appendix 5

		FinalScore
MPT	Pearson Correlation	.427**
	Sig. (2-tailed)	.000
	N	99
PECrim	Pearson Correlation	.665**
	Sig. (2-tailed)	.000
	N	99
PECiv	Pearson Correlation	.551**
	Sig. (2-tailed)	.000
	N	99
MBEConLaw	Pearson Correlation	.453**
	Sig. (2-tailed)	.000
	N	99
MBEContracts	Pearson Correlation	.476**
	Sig. (2-tailed)	.000
	N	99
MBECrimLaw	Pearson Correlation	.568**
	Sig. (2-tailed)	.000
	N	99
MBEEvidence	Pearson Correlation	.535**
	Sig. (2-tailed)	.000
	N	99
MBERealProp	Pearson Correlation	.644**
	Sig. (2-tailed)	.000
	N	99
MBETorts	Pearson Correlation	.540**
	Sig. (2-tailed)	.000
	N	99
EssayUCC1	Pearson Correlation	.383**
	Sig. (2-tailed)	.000
	N	99
EssayUCC2	Pearson Correlation	.521**
	Sig. (2-tailed)	.000
	N	99
EssayFamLaw1	Pearson Correlation	.600**
	Sig. (2-tailed)	.000

	N	99
EssayFamLaw2	Pearson Correlation	.472**
	Sig. (2-tailed)	.000
	N	99
EssayBA1	Pearson Correlation	.263**
	Sig. (2-tailed)	.009
	N	99
EssayBA2	Pearson Correlation	.425**
	Sig. (2-tailed)	.000
	N	99
EssayWills1	Pearson Correlation	.385**
	Sig. (2-tailed)	.000
	N	99
EssayWills2	Pearson Correlation	.372**
	Sig. (2-tailed)	.000
	N	99
EssayTrust	Pearson Correlation	.262**
	Sig. (2-tailed)	.009
	N	99
EssayConsumer	Pearson Correlation	.292**
	Sig. (2-tailed)	.003
	N	99
EssayRealProp1	Pearson Correlation	.337**
	Sig. (2-tailed)	.001
	N	99
EssayRealProp2	Pearson Correlation	.515**
	Sig. (2-tailed)	.000
	N	99
TimesTaken	Pearson Correlation	.[a]
	Sig. (2-tailed)	.
	N	99
FinalScore	Pearson Correlation	1
	Sig. (2-tailed)	
	N	99

**. Correlation is significant at the 0.01 level (2-tailed).

*. Correlation is significant at the 0.05 level (2-tailed).

a. Cannot be computed because at least one of the variables is constant.

Appendix 6

Model Summary

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate
1	.982[a]	.964	.954	8.909

a. Predictors: (Constant), EssayRealProp2, MBEEvidence, EssayUCC1, EssayBA1, EssayRealProp1, EssayTrust, EssayUCC2, EssayBA2, MBEContracts, EssayWills2, MBEConLaw, EssayConsumer, EssayWills1, EssayFamLaw2, MPT, MBETorts, PECiv, EssayFamLaw1, MBERealProp, MBECrimLaw, PECrim

ANOVA[b]

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	162501.832	21	7738.182	97.484	.000[a]
	Residual	6112.188	77	79.379		
	Total	168614.020	98			

a. Predictors: (Constant), EssayRealProp2, MBEEvidence, EssayUCC1, EssayBA1, EssayRealProp1, EssayTrust, EssayUCC2, EssayBA2, MBEContracts, EssayWills2, MBEConLaw, EssayConsumer, EssayWills1, EssayFamLaw2, MPT, MBETorts, PECiv, EssayFamLaw1, MBERealProp, MBECrimLaw, PECrim

b. Dependent Variable: FinalScore

Coefficients[a]

Model		Unstandardized Coefficients		Standardized Coefficients		
		B	Std. Error	Beta	t	Sig.
1	(Constant)	559.780	3.645		153.580	.000
	MPT	.266	.058	.133	4.620	.000
	PECrim	.119	.058	.069	2.052	.044
	PECiv	.147	.047	.092	3.123	.003
	MBEConLaw	.203	.054	.099	3.735	.000
	MBEContracts	.239	.053	.129	4.529	.000
	MBECrimLaw	.192	.050	.116	3.871	.000
	MBEEvidence	.211	.044	.130	4.775	.000
	MBERealProp	.267	.057	.143	4.671	.000
	MBETorts	.176	.048	.105	3.663	.000
	EssayUCC1	.152	.037	.106	4.081	.000
	EssayUCC2	.177	.043	.108	4.098	.000
	EssayFamLaw1	.098	.050	.058	1.973	.052
	EssayFamLaw2	.103	.041	.070	2.521	.014
	EssayBA1	.158	.044	.094	3.606	.001
	EssayBA2	.169	.049	.091	3.471	.001
	EssayWills1	.139	.052	.075	2.697	.009
	EssayWills2	.182	.041	.114	4.448	.000
	EssayTrust	.153	.037	.105	4.099	.000
	EssayConsumer	.055	.043	.033	1.274	.207
	EssayRealProp1	.130	.037	.085	3.508	.001
	EssayRealProp2	.167	.045	.105	3.685	.000

a. Dependent Variable: FinalScore