

Student Teaching Evaluations Report

Semester: Fall 2018

Prepared by: Dr. Sarah Schwartz, Stat Stduio

(November 02, 2018)

Contents

Descriptives	3
Sample Size	3
Summary Statistics	3
Passing Grade	4
Internal Consistency	9
Learner and Learning	9
Instructional Practice	9
Professional Responsibility	9
Overall	9
Agreement: Passing Status	10
Correlations	11
Mentor Teacher	11
USU Supervisor	11
Between Mentor Teacher and USU Spervisor	12
Inter-Rater Reliability	13
Subscores, continuous	13



List of Tables

1	Count of Student Teachers	3
2	Summary of Evaluation Scores by Domain and Role	3
3	Passing Grades by Domain	4
4	Passing Grades by Department	4
5	Raw Agreement in Scores by Domain	10
6	Correlation in Domain Subscores, among mentor teachers	11
7	Correlation in Domain Subscores, among USU supervisors	11
8	Inter Rater Reliability by Domain	13
9	Inter Rater Reliability, by Domain and Semester	13
10	Inter Rater Reliability for Overall Score, by Department	13

List of Figures

1	Overall Scores	5
2	Overall Score by Department	6
3	Domain Subscores	7
4	Domain Subscores by Passing Grade	8
5	Domain Subscores by Evaluator Agreement	10

Descriptives

Sample Size

Table 1: Count of Student Teachers

	Department		
	ELED n = 134	SCED n = 97	SPER n = 20
sem_yr			
Fall_2017	55 (41%)	42 (43.3%)	10 (50%)
Spring_2018	79 (59%)	55 (56.7%)	10 (50%)

Summary Statistics

Table 2: Summary of Evaluation Scores by Domain and Role

	Role	
	Mentor Teacher n = 251	USU Supervisor n = 251
Learner and Learning	16.9 (1.6)	17.2 (1.4)
Instructional Practice	30.7 (2.9)	31.4 (2.5)
Professional Responsibility	8.7 (0.7)	8.8 (0.6)
Overall	56.3 (4.8)	57.4 (4.0)
Disposition	51.6 (4.5)	49.8 (5.6)

Passing Grade

Passing is defined as BOTH the USU supervisor and the mentor teacher scored the student teacher at least 80%.

Table 3: Passing Grades by Domain

	domain			
	LandL n = 251	InstP n = 251	profR n = 251	overall n = 251
Grade				
Fail	12 (4.8%)	20 (8%)	9 (3.6%)	54 (21.5%)
Pass	239 (95.2%)	231 (92%)	242 (96.4%)	197 (78.5%)

Compare the overall passing (both ratings were at least 53 out of 66) within department

Table 4: Passing Grades by Department

	Department		
	ELED n = 134	SCED n = 97	SPER n = 20
Grade			
Fail	22 (16.4%)	30 (30.9%)	2 (10%)
Pass	112 (83.6%)	67 (69.1%)	18 (90%)

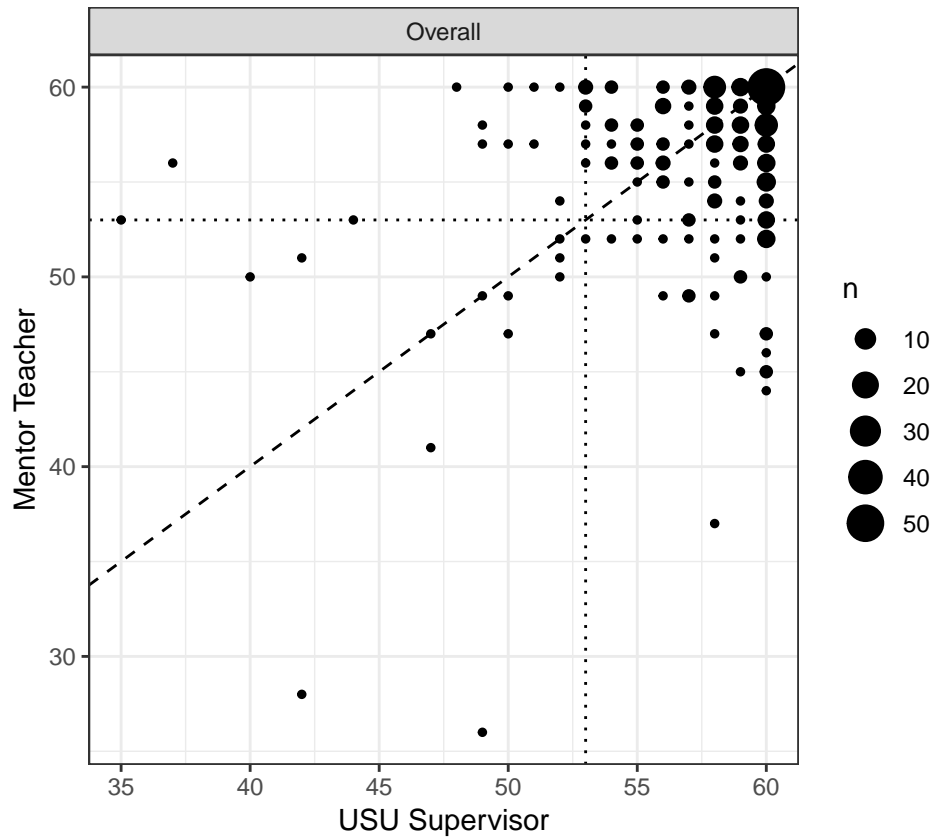


Figure 1: Overall Scores

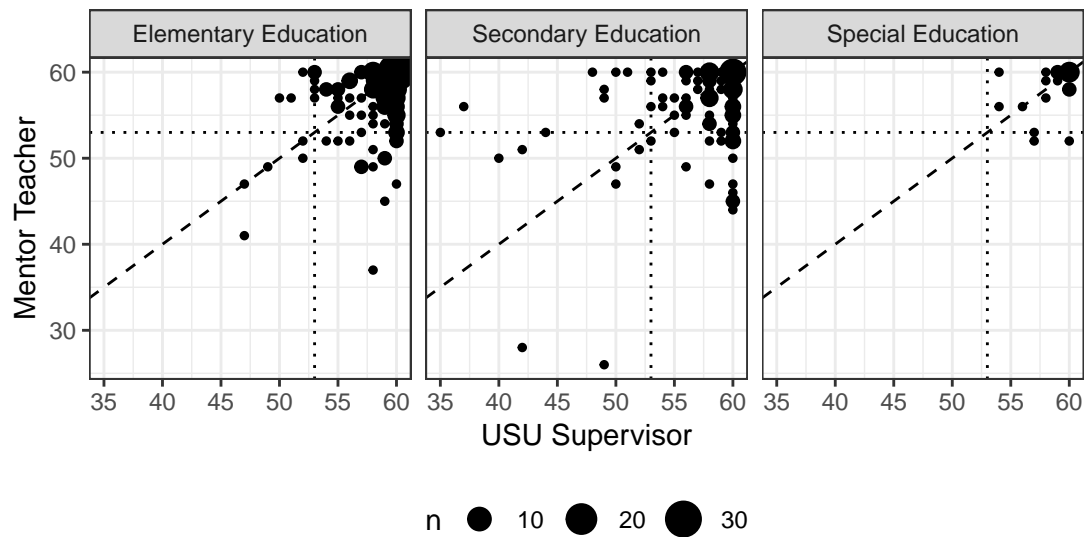


Figure 2: Overall Score by Department

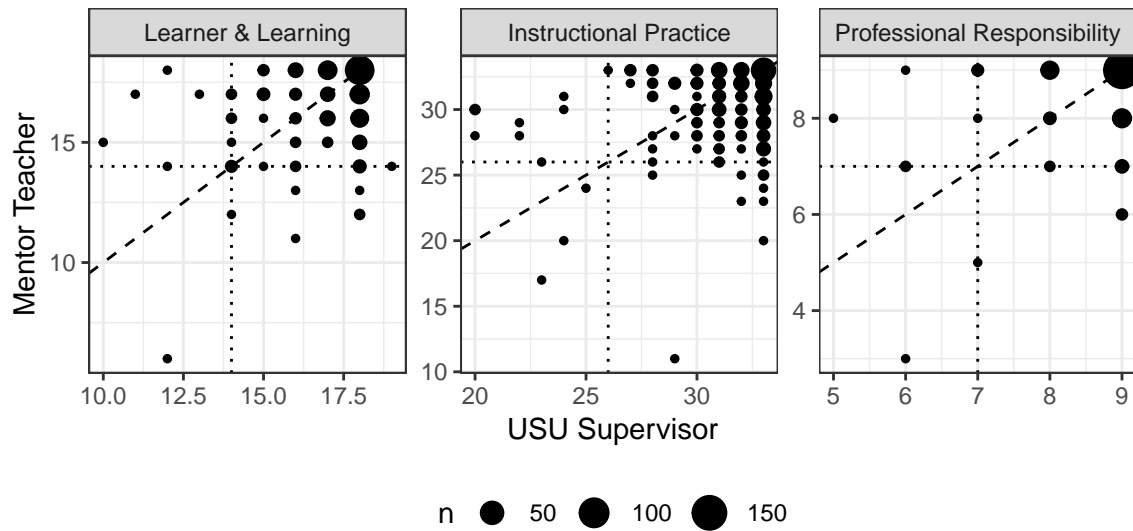


Figure 3: Domain Subscores

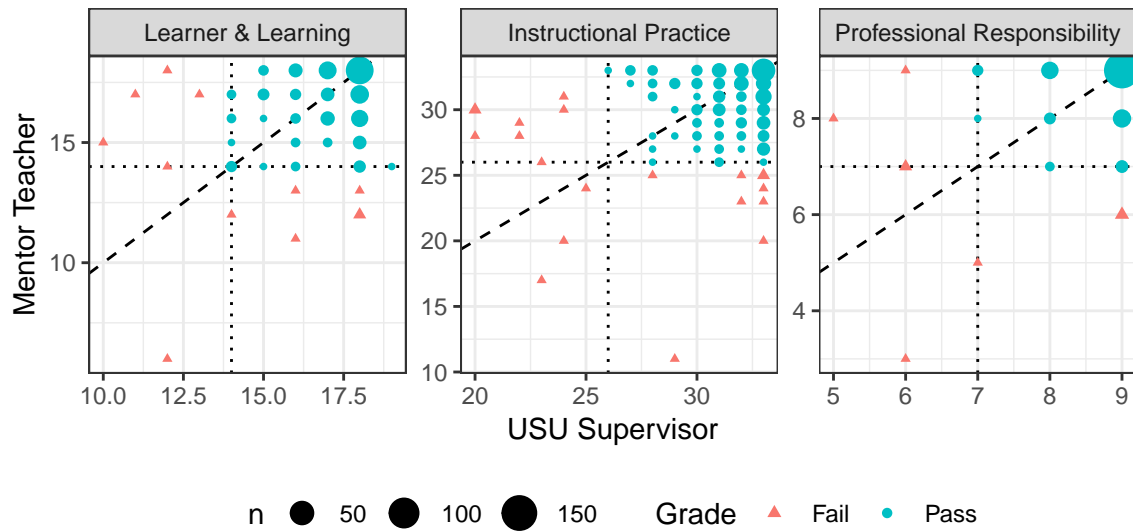


Figure 4: Domain Subscores by Passing Grade

Internal Consistency

Cronbach's alpha treats the item scores as continuous, but they are really ordinal.

Learner and Learning

Reliability analysis

raw_alpha	std.alpha	G6(smc)	average_r	S/N	ase	mean	sd	median_r
0.66	0.69	0.69	0.27	2.3	0.023	2.8	0.25	0.31

Instructional Practice

Reliability analysis

raw_alpha	std.alpha	G6(smc)	average_r	S/N	ase	mean	sd	median_r
0.85	0.85	0.85	0.35	5.8	0.0098	2.8	0.25	0.34

Professional Responsibility

Reliability analysis

raw_alpha	std.alpha	G6(smc)	average_r	S/N	ase	mean	sd	median_r
0.63	0.64	0.55	0.37	1.8	0.028	2.9	0.22	0.34

Overall

Reliability analysis

raw_alpha	std.alpha	G6(smc)	average_r	S/N	ase	mean	sd	median_r
0.9	0.9	0.91	0.32	9.4	0.0065	2.8	0.22	0.33

Agreement: Passing Status

Table 5: Raw Agreement in Scores by Domain

	domain			
	LandL n = 251	InstP n = 251	profR n = 251	overall n = 251
Agree				
No	11 (4.4%)	17 (6.8%)	8 (3.2%)	42 (16.7%)
Yes	240 (95.6%)	234 (93.2%)	243 (96.8%)	209 (83.3%)

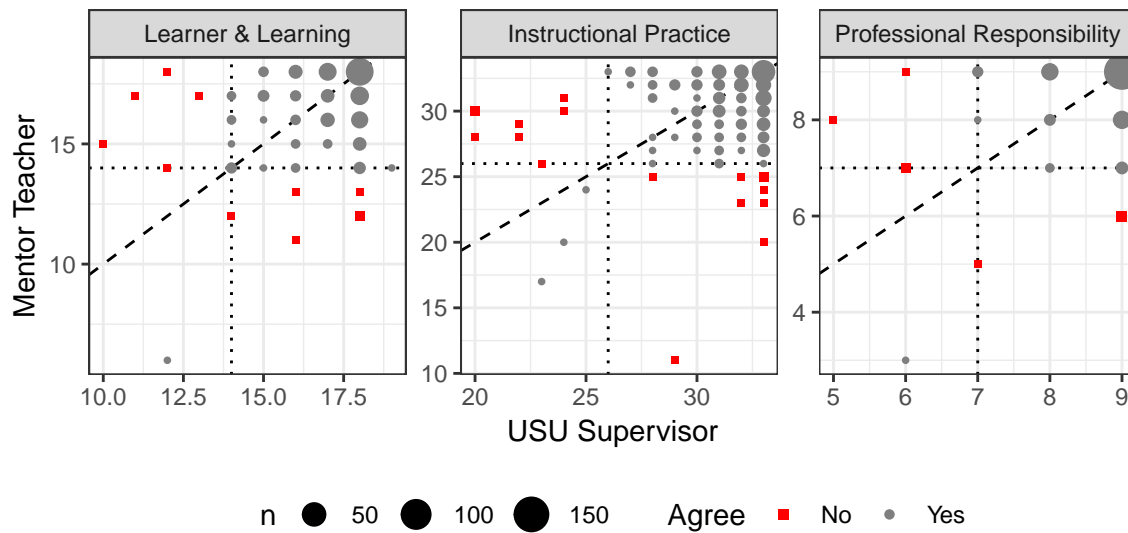


Figure 5: Domain Subscores by Evaluator Agreement

Correlations

Pearson Correlation Coefficients

Mentor Teacher

Table 6: Correlation in Domain Subscores, among mentor teachers

	LandL_total	InstP_total	profR_total
LandL_total	1.00	0.76	0.67
InstP_total	0.76	1.00	0.71
profR_total	0.67	0.71	1.00

USU Supervisor

Table 7: Correlation in Domain Subscores, among USU supervisors

	LandL_total	InstP_total	profR_total	overall_total
LandL_total	1.00	0.68	0.64	0.86
InstP_total	0.68	1.00	0.68	0.95
profR_total	0.64	0.68	1.00	0.79
overall_total	0.86	0.95	0.79	1.00

Between Mentor Teacher and USU Spervisor

Learner and Learning

	Mentor Teacher	USU Supervisor
Mentor Teacher	1.0000000	0.3202559
USU Supervisor	0.3202559	1.0000000

Instructional Practice

	Mentor Teacher	USU Supervisor
Mentor Teacher	1.0000000	0.2550066
USU Supervisor	0.2550066	1.0000000

Professional Responsibility

	Mentor Teacher	USU Supervisor
Mentor Teacher	1.0000000	0.3256691
USU Supervisor	0.3256691	1.0000000

Overall Total

	Mentor Teacher	USU Supervisor
Mentor Teacher	1.0000000	0.3307247
USU Supervisor	0.3307247	1.0000000

Inter-Rater Reliability

Intraclass Correlation (ICC): two-way for agreement in a single value

Subscores, continuous

Table 8: Inter Rater Reliability by Domain

LandL	InstP	profR	dispo	overall
0.31	0.24	0.32	0.37	0.32

Table 9: Inter Rater Reliability, by Domain and Semester

sem_yr	n	LandL	InstP	profR	dispo	overall
Fall_2017	107	0.20	0.28	0.22	0.31	0.27
Spring_2018	144	0.36	0.22	0.36	0.41	0.33

Table 10: Inter Rater Reliability for Overall Score, by Department

Department	n	overall
ELED	134	0.30
SCED	97	0.29
SPER	20	0.29