

Table S3. Correlation Matrix of Key Study Variables (N = 682)

Variable	1	2	3	4	5	6	7	8
1. Total Teaching Quality Score	1.00							
2. Group Assignment (Intervention=1, Control=0)	0.62**	1.00						
3. Age (years)	-0.04	-0.01	1.00					
4. Gender (Female=1, Male=0)	0.02	0.01	-0.03	1.00				
5. Academic Year (3 or 4)	0.01	0.00	0.21**	-0.02	1.00			
6. Previous GPA	0.32**	-0.02	0.08*	0.05	0.11**	1.00		
7. Prior Clinical Experience (months)	0.21**	0.01	0.18**	-0.01	0.24**	0.15**	1.00	
8. Attendance Rate (%)	0.28**	0.03	0.04	0.02	0.06*	0.12**	0.09*	1.00

Correlation Matrix with Domain-Specific Scores (N = 682)

Variable	Concept Transfer	Teaching Organization	Teaching Methods	Student Engagement
Group Assignment (Intervention=1, Control=0)	0.58**	0.61**	0.64**	0.59**
Previous GPA	0.29**	0.31**	0.28**	0.30**
Prior Clinical Experience (months)	0.19**	0.20**	0.18**	0.22**
Attendance Rate (%)	0.25**	0.27**	0.24**	0.26**

Note: Values represent Pearson correlation coefficients (r) unless otherwise specified.

** p < 0.05; ** p < 0.001 (two-tailed).*

*Group assignment was coded as a dichotomous variable (1 = Intervention, 0 = Control). Point-biserial correlations are reported for correlations involving dichotomous variables. All correlations with teaching quality scores were positive and statistically significant at p < 0.001.

The correlation between group assignment and total teaching quality score ($r = 0.62$) indicates a strong positive association favoring the intervention group.*