

Table 13  
Correlation Matrix for Predictor Variables

Building Condition and Student Achievement

Variable	1	2	3	4	5	6	7	8	9	10	11	12	13
1. Age of building	1.00												
2. Purpose of original building	-.32**	1.00											
3. Years since last renovation	.45	-.28**	1.00										
4. Roof integrity	-.15**	.13**	-.19	1.00									
5. Years since last interior painting	.06	-.04	.05	-.05	1.00								
6. Years since last exterior painting	.09	-.16*	.07	-.18*	.56**	1.00							
7. Electrical system adequacy	-.25*	.10	-.27**	.37**	.03	.04	1.00						
8. Floor type	-.27**	.22**	-.27**	.23**	-.01	.04	.15*	1.00					
9. Noise control	-.09	.13**	.03	.08	-.03	.01	.12	.01	1.00				
10. Overall maintenance	-.11	.08	-.23**	.28**	.12**	.04	.17*	.26**	.07	1.00			
11. Overall structural condition	-.10	.08	.07	-.04	.06	.16*	.08	.20*	-.07	.14*	1.00		
12. No. of classrooms	-.45**	.35**	-.23**	.04	.16*	.09	.21*	.32**	.05	.02	-.02	1.00	
13. No. of rooms in permanent structure	-.43**	.32**	-.27**	.10	.14	.08	.24*	.27**	.07	.10	-.11	.93**	1.00
14. No. of Trailers	.08	.12**	.01	-.10	+.04	.06	-.06	-.00	-.01	-.10	-.11	.12	-.11
15. No. rooms without windows	-.18*	.07	-.10	-.02	-.00	.14**	.02	.12	-.01	-.13	-.05	.23**	.18*
16. Heating system quality	.09	-.18*	-.01	.12	.07	.02	.25*	.14	.12	.17*	-.03	.17*	.20*
17. Air conditioning system quality	-.08	.14	-.29**	.31**	-.02	-.19*	.27*	.28**	.06	.20*	-.08	.16*	.17*
18. Lighting type	.14**	-.07	.06	.05	-.17*	-.13	-.02	-.13	.17*	-.04	-.06	-.17*	-.16*
19. Wall color	-.09	-.10	-.03	-.01	.17	.13	.01	-.02	-.02	.05	-.07	-.00	.02
20. Ceiling type	.10	-.28*	-.06	-.15*	-.07	-.08	-.13	-.07	.06	-.08	-.02	-.13*	-.11
21. Sweeping frequency	.10	-.05	-.02	-.02	.05	.08	.13	.10	.06	.13	.00	-.10	-.10
22. Mopping frequency	.09	.08	.08	.15*	.05	-.11	-.05	.09	-.07	-.06	.04	-.02	-.08
23. Electrical Outlets	-.22**	.14	-.10	.10	-.11	-.10	.25*	.09	-.03	.11	.01	.11	.09
24. Access to local area network	-.08	-.05	.00	.07	.00	-.08	.09	.14	-.06	.22**	.07	.06	.10
25. Access to wide area network	-.25**	.11	-.13**	-.02	.07	.05	.14	.29**	-.18*	.23**	.15	.24**	.23**
26. Access to Internet	-.14**	.15*	-.03	.01	.10	.08	.04	.27**	-.17*	.22**	.11	.11	.14
27. Access to TV antenna/cable	-.02	.14	.10	.07	-.04	-.10	.17*	.09	.22**	.13	-.15*	.06	.12
28. Furniture quality	-.16*	.21**	-.19*	.19*	.03	.00	.25*	.29**	.11	.35**	.05	.20*	.21**
29. Structure of classrooms	.11	-.12	.12	-.03	.17*	-.01	-.02	-.25**	-.04	-.01	.06	-.02	-.05
30. Overall cosmetic condition	-.42**	.18*	-.22**	.33**	.04	.02	.38**	.46**	.10	.53**	.18*	.31**	.31**
31. Overall combined condition	-.41**	.17*	-.32**	.37**	.12	.06	.46**	.43**	.01	.53**	.10	.31**	.34**
32. Enrollment	-.40**	.38**	-.27**	.02	.17*	.10	.21*	.25**	-.06	.06*	.07	.80	.75**
33. Percentage Free/Red.-Price Lunch	.22**	-.13	.07	-.17*	-.05	-.08	-.06	-.21**	-.07	-.24**	.00	-.18*	.21**
34. Site Acreage	-.30**	.11	.22**	-.04	.03	-.01	-.07	.17*	-.01	.14	-.02	.21	.23**

\*p .05    \*\*p .01