Group by Age/School Level	Study name	Std diff in means	Standard error	Variance	Lower limit	Upper limit	Z-Value	p-Value	Std diff in means and 95% CI
College & University	Goda et al. (2014)	0.026	0.247	0.061	-0.458	0.510	0.105	0.916	
College & University	Ebadi & Rahimi (2018)	1.346	0.462	0.213	0.440	2.251	2.913	0.004	
College & University	Mohammadi et al. (2022)	1.342	0.218	0.047	0.916	1.769	6.168	0.000	
College & University	Darmawansah et al. (2022)	0.704	0.296	0.087	0.124	1.283	2.379	0.017	
College & University	Liu et al. (2023)	0.417	0.248	0.061	-0.069	0.903	1.682	0.093	
College & University	Algouzi et al. (2023)	0.940	0.266	0.071	0.417	1.462	3.527	0.000	
College & University	Chang et al. (2024)	-0.202	0.277	0.077	-0.744	0.340	-0.729	0.466	
College & University	Yin et al. (2024)	0.801	0.263	0.069	0.286	1.316	3.049	0.002	
College & University	Alpat & Gorgulu (2024)	0.276	0.351	0.123	-0.412	0.964	0.786	0.432	
College & University	Sendag et al. (2024)	0.435	0.256	0.065	-0.067	0.936	1.699	0.089	
College & University	Darmawansah et al. (2025)	0.620	0.245	0.060	0.139	1.101	2.527	0.012	
College & University	Liu & Wang (2024)	0.262	0.209	0.044	-0.147	0.671	1.255	0.210	
College & University	Shang et al. (2025)	0.046	0.211	0.045	-0.368	0.460	0.218	0.827	
College & University	Zhang et al. (2025)	0.571	0.314	0.098	-0.044	1.186	1.820	0.069	
College & University		0.519	0.124	0.015	0.277	0.762	4.195	0.000	
Elementary school	Hsu & Liang (2021)	0.870	0.294	0.086	0.293	1.446	2.957	0.003	
Elementary school		0.870	0.294	0.086	0.293	1.446	2.957	0.003	
High school	Yang & Wu (2012)	0.593	0.193	0.037	0.215	0.971	3.078	0.002	
High school		0.593	0.193	0.037	0.215	0.971	3.078	0.002	
Private institute	Etemadfar et al. (2020)	1.702	0.357	0.128	1.002	2.402	4.763	0.000	
Private institute	Jiang et al. (2024)_a	0.314	0.261	0.068	-0.198	0.826	1.203	0.229	
Private institute	Jiang et al. (2024)_b	0.533	0.276	0.076	-0.007	1.074	1.935	0.053	
Private institute	Jiang et al. (2024)_c	0.955	0.274	0.075	0.418	1.492	3.488	0.000	
Private institute		0.841	0.277	0.077	0.298	1.384	3.034	0.002	

-1.00 -0.50 0.00 0.50 1.00

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Meta Analysis