

UJI VALIDITAS SCIENCE (S)

Correlations

		S.1	S.2	S.3	S.4	S.5	S.6	S.7	S.8	Total_S
S.1	Pearson Correlation	1	.530**	.693**	.502**	.514**	.542**	.364	.271	.527**
	Sig. (2-tailed)		.005	.000	.009	.007	.004	.068	.180	.006
	N	26	26	26	26	26	26	26	26	26
S.2	Pearson Correlation	.530**	1	.407*	.334	.618**	.394*	.438*	.308	.434*
	Sig. (2-tailed)	.005		.039	.095	.001	.046	.025	.126	.027
	N	26	26	26	26	26	26	26	26	26
S.3	Pearson Correlation	.693**	.407*	1	.260	.431*	.653**	.425*	.426*	.427*
	Sig. (2-tailed)	.000	.039		.200	.028	.000	.030	.030	.030
	N	26	26	26	26	26	26	26	26	26
S.4	Pearson Correlation	.502**	.334	.260	1	.468*	.356	.505**	.304	.682**
	Sig. (2-tailed)	.009	.095	.200		.016	.074	.008	.131	.000
	N	26	26	26	26	26	26	26	26	26
S.5	Pearson Correlation	.514**	.618**	.431*	.468*	1	.309	.679**	.281	.614**
	Sig. (2-tailed)	.007	.001	.028	.016		.125	.000	.164	.001
	N	26	26	26	26	26	26	26	26	26
S.6	Pearson Correlation	.542**	.394*	.653**	.356	.309	1	.469*	.600**	.558**
	Sig. (2-tailed)	.004	.046	.000	.074	.125		.016	.001	.003
	N	26	26	26	26	26	26	26	26	26
S.7	Pearson Correlation	.364	.438*	.425*	.505**	.679**	.469*	1	.494*	.574**
	Sig. (2-tailed)	.068	.025	.030	.008	.000	.016		.010	.002
	N	26	26	26	26	26	26	26	26	26
S.8	Pearson Correlation	.271	.308	.426*	.304	.281	.600**	.494*	1	.509**
	Sig. (2-tailed)	.180	.126	.030	.131	.164	.001	.010		.008
	N	26	26	26	26	26	26	26	26	26
Total_S	Pearson Correlation	.527**	.434*	.427*	.682**	.614**	.558**	.574**	.509**	1
	Sig. (2-tailed)	.006	.027	.030	.000	.001	.003	.002	.008	
	N	26	26	26	26	26	26	26	26	26

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

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

UJI VALIDITAS *TECHNOLOGY (T)*

Correlations

		T.1	T.2	T.3	T.4	T.5	T.6	T.7	T.8	Total_T
T.1	Pearson Correlation	1	.150	.360	.246	.386	.339	.296	.063	.636**
	Sig. (2-tailed)		.464	.071	.226	.052	.090	.142	.758	.000
	N	26	26	26	26	26	26	26	26	26
T.2	Pearson Correlation	.150	1	.629**	.342	.414*	-.224	-.088	-.013	.555**
	Sig. (2-tailed)	.464		.001	.087	.035	.272	.669	.948	.003
	N	26	26	26	26	26	26	26	26	26
T.3	Pearson Correlation	.360	.629**	1	.342	.362	.065	.202	.231	.748**
	Sig. (2-tailed)	.071	.001		.088	.069	.753	.322	.256	.000
	N	26	26	26	26	26	26	26	26	26
T.4	Pearson Correlation	.246	.342	.342	1	.258	-.413*	.064	.311	.544**
	Sig. (2-tailed)	.226	.087	.088		.203	.036	.756	.122	.004
	N	26	26	26	26	26	26	26	26	26
T.5	Pearson Correlation	.386	.414*	.362	.258	1	.262	.248	.283	.698**
	Sig. (2-tailed)	.052	.035	.069	.203		.197	.222	.161	.000
	N	26	26	26	26	26	26	26	26	26
T.6	Pearson Correlation	.339	-.224	.065	-.413*	.262	1	.486*	.074	.270
	Sig. (2-tailed)	.090	.272	.753	.036	.197		.012	.719	.183
	N	26	26	26	26	26	26	26	26	26
T.7	Pearson Correlation	.296	-.088	.202	.064	.248	.486*	1	.446*	.530**
	Sig. (2-tailed)	.142	.669	.322	.756	.222	.012		.022	.005
	N	26	26	26	26	26	26	26	26	26
T.8	Pearson Correlation	.063	-.013	.231	.311	.283	.074	.446*	1	.488*
	Sig. (2-tailed)	.758	.948	.256	.122	.161	.719	.022		.011
	N	26	26	26	26	26	26	26	26	26
Total_T	Pearson Correlation	.636**	.555**	.748**	.544**	.698**	.270	.530**	.488*	1
	Sig. (2-tailed)	.000	.003	.000	.004	.000	.183	.005	.011	
	N	26	26	26	26	26	26	26	26	26

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

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

UJI VALIDITAS *ENGINEERING (E)*

Correlations

		E.1	E.2	E.3	E.4	E.5	E.6	E.7	E.8	Total_E
E.1	Pearson Correlation	1	.209	.092	.393*	.296	.092	.107	.112	.563**
	Sig. (2-tailed)		.305	.656	.047	.142	.654	.603	.584	.003
	N	26	26	26	26	26	26	26	26	26
E.2	Pearson Correlation	.209	1	-.091	.085	.237	.389*	.222	.185	.518**
	Sig. (2-tailed)	.305		.658	.679	.244	.050	.275	.366	.007
	N	26	26	26	26	26	26	26	26	26
E.3	Pearson Correlation	.092	-.091	1	.320	.108	.101	.411*	.266	.474*
	Sig. (2-tailed)	.656	.658		.111	.601	.623	.037	.188	.014
	N	26	26	26	26	26	26	26	26	26
E.4	Pearson Correlation	.393*	.085	.320	1	.301	.440*	.280	.164	.698**
	Sig. (2-tailed)	.047	.679	.111		.136	.025	.166	.422	.000
	N	26	26	26	26	26	26	26	26	26
E.5	Pearson Correlation	.296	.237	.108	.301	1	-.064	.318	.132	.510**
	Sig. (2-tailed)	.142	.244	.601	.136		.756	.114	.521	.008
	N	26	26	26	26	26	26	26	26	26
E.6	Pearson Correlation	.092	.389*	.101	.440*	-.064	1	.212	.349	.562**
	Sig. (2-tailed)	.654	.050	.623	.025	.756		.298	.081	.003
	N	26	26	26	26	26	26	26	26	26
E.7	Pearson Correlation	.107	.222	.411*	.280	.318	.212	1	.413*	.608**
	Sig. (2-tailed)	.603	.275	.037	.166	.114	.298		.036	.001
	N	26	26	26	26	26	26	26	26	26
E.8	Pearson Correlation	.112	.185	.266	.164	.132	.349	.413*	1	.535**
	Sig. (2-tailed)	.584	.366	.188	.422	.521	.081	.036		.005
	N	26	26	26	26	26	26	26	26	26
Total_E	Pearson Correlation	.563**	.518**	.474*	.698**	.510**	.562**	.608**	.535**	1
	Sig. (2-tailed)	.003	.007	.014	.000	.008	.003	.001	.005	
	N	26	26	26	26	26	26	26	26	26

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

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

UJI VALIDITAS MATHEMATIC (M)

Correlations

		M.1	M.2	M.3	M.4	M.5	M.6	M.7	M.8	Total_M
M.1	Pearson Correlation	1	.409*	.339	.585**	.437*	.413*	.489*	-.036	.653**
	Sig. (2-tailed)		.038	.090	.002	.026	.036	.011	.861	.000
	N	26	26	26	26	26	26	26	26	26
M.2	Pearson Correlation	.409*	1	.657**	.715**	.367	.274	.343	.473*	.788**
	Sig. (2-tailed)	.038		.000	.000	.065	.176	.086	.015	.000
	N	26	26	26	26	26	26	26	26	26
M.3	Pearson Correlation	.339	.657**	1	.381	.134	.178	.334	.631**	.709**
	Sig. (2-tailed)	.090	.000		.055	.515	.384	.095	.001	.000
	N	26	26	26	26	26	26	26	26	26
M.4	Pearson Correlation	.585**	.715**	.381	1	.342	.198	.492*	.199	.710**
	Sig. (2-tailed)	.002	.000	.055		.087	.333	.011	.330	.000
	N	26	26	26	26	26	26	26	26	26
M.5	Pearson Correlation	.437*	.367	.134	.342	1	.471*	.486*	-.139	.548**
	Sig. (2-tailed)	.026	.065	.515	.087		.015	.012	.498	.004
	N	26	26	26	26	26	26	26	26	26
M.6	Pearson Correlation	.413*	.274	.178	.198	.471*	1	.494*	.273	.632**
	Sig. (2-tailed)	.036	.176	.384	.333	.015		.010	.177	.001
	N	26	26	26	26	26	26	26	26	26
M.7	Pearson Correlation	.489*	.343	.334	.492*	.486*	.494*	1	.177	.718**
	Sig. (2-tailed)	.011	.086	.095	.011	.012	.010		.388	.000
	N	26	26	26	26	26	26	26	26	26
M.8	Pearson Correlation	-.036	.473*	.631**	.199	-.139	.273	.177	1	.540**
	Sig. (2-tailed)	.861	.015	.001	.330	.498	.177	.388		.004
	N	26	26	26	26	26	26	26	26	26
Total_M	Pearson Correlation	.653**	.788**	.709**	.710**	.548**	.632**	.718**	.540**	1
	Sig. (2-tailed)	.000	.000	.000	.000	.004	.001	.000	.004	
	N	26	26	26	26	26	26	26	26	26

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

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

UJI VALIDITAS SCIENCE, TECHNOLOGY, ENGINEERING, AND MATHEMATIC (STEM)

Correlations

		STEM.1	STEM.2	STEM.3	STEM.4	STEM.5	STEM.6	STEM.7	STEM.8	Total_STEM
STEM.1	Pearson Correlation	1	.600**	.635**	.388	.196	.519**	.428*	.308	.809**
	Sig. (2-tailed)		.001	.000	.050	.337	.007	.029	.126	.000
	N	26	26	26	26	26	26	26	26	26
STEM.2	Pearson Correlation	.600**	1	.395*	.158	.193	.709**	.349	.428*	.772**
	Sig. (2-tailed)	.001		.046	.442	.344	.000	.081	.029	.000
	N	26	26	26	26	26	26	26	26	26
STEM.3	Pearson Correlation	.635**	.395*	1	.437*	.281	.316	.342	.036	.689**
	Sig. (2-tailed)	.000	.046		.026	.164	.116	.087	.863	.000
	N	26	26	26	26	26	26	26	26	26
STEM.4	Pearson Correlation	.388	.158	.437*	1	-.165	-.105	.346	-.060	.408*
	Sig. (2-tailed)	.050	.442	.026		.420	.611	.084	.773	.039
	N	26	26	26	26	26	26	26	26	26
STEM.5	Pearson Correlation	.196	.193	.281	-.165	1	.215	.226	.165	.403*
	Sig. (2-tailed)	.337	.344	.164	.420		.291	.267	.419	.041
	N	26	26	26	26	26	26	26	26	26
STEM.6	Pearson Correlation	.519**	.709**	.316	-.105	.215	1	.440*	.275	.686**
	Sig. (2-tailed)	.007	.000	.116	.611	.291		.024	.174	.000
	N	26	26	26	26	26	26	26	26	26
STEM.7	Pearson Correlation	.428*	.349	.342	.346	.226	.440*	1	.231	.707**
	Sig. (2-tailed)	.029	.081	.087	.084	.267	.024		.257	.000
	N	26	26	26	26	26	26	26	26	26
STEM.8	Pearson Correlation	.308	.428*	.036	-.060	.165	.275	.231	1	.478*
	Sig. (2-tailed)	.126	.029	.863	.773	.419	.174	.257		.014
	N	26	26	26	26	26	26	26	26	26
Total_STEM	Pearson Correlation	.809**	.772**	.689**	.408*	.403*	.686**	.707**	.478*	1
	Sig. (2-tailed)	.000	.000	.000	.039	.041	.000	.000	.014	
	N	26	26	26	26	26	26	26	26	26

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

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

UJI RELIABILITAS

Case Processing Summary

		N	%
Cases	Valid	26	100.0
	Excluded ^a	0	.0
	Total	26	100.0

a. Listwise deletion based on all variables in the procedure.

Reliability Statistics

Cronbach's Alpha	N of Items
.905	39

Item-Total Statistics

	Scale Mean if Item Deleted	Scale Variance if Item Deleted	Corrected Item-Total Correlation	Cronbach's Alpha if Item Deleted
S.1	137.00	197.680	.624	.900
S.2	137.35	198.155	.575	.901
S.3	137.04	196.598	.580	.901
S.4	136.65	195.275	.590	.900
S.5	136.88	190.106	.598	.900
S.6	137.81	197.442	.589	.901
S.7	136.81	192.482	.778	.898
S.8	136.77	200.585	.448	.902
T.1	136.85	209.335	.022	.908
T.2	137.23	205.945	.165	.906
T.3	136.85	201.095	.374	.903
T.4	136.92	201.034	.343	.904
T.5	137.15	204.455	.299	.904
T.7	136.50	202.180	.420	.903
T.8	136.00	204.400	.348	.904
E.1	137.38	204.246	.182	.907
E.2	136.96	198.678	.391	.903
E.3	137.27	202.685	.291	.905
E.4	137.27	198.925	.364	.904
E.5	137.69	206.702	.147	.906
E.6	136.58	203.854	.270	.905
E.7	137.23	198.985	.613	.901

E.8	136.27	200.445	.486	.902
M.1	137.19	200.402	.440	.902
M.2	137.58	200.974	.437	.903
M.3	137.23	196.905	.504	.901
M.4	137.58	202.414	.336	.904
M.5	137.54	201.058	.417	.903
M.6	137.08	193.914	.622	.900
M.7	137.19	196.722	.509	.901
M.8	136.73	195.165	.471	.902
STEM.1	136.50	199.780	.618	.901
STEM.2	136.77	197.385	.607	.900
STEM.3	136.27	200.765	.430	.903
STEM.4	136.88	202.506	.393	.903
STEM.5	136.85	206.295	.223	.905
STEM.6	137.08	201.434	.423	.903
STEM.7	137.46	196.898	.515	.901
STEM.8	137.00	206.000	.196	.905