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Do diligent students perform better? Complex relations between student and course characteristics, study time, and academic performance in higher education Supplementary material

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DO DILIGENT STUDENTS PERFORM BETTER?

Table 2Relationships between Student Characteristics, Study Time, and Course Grade

$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$	Term	Course Grade		Student Characteristics												Model Statistics
$ \begin{array}{c c c c c c c c c c c c c c c c c c c $				Stu	dy time	Gender (0 = M, 1 = F)	Prior study delay	P knov ecor (0 1 =	rior wledge nomics = no, = yes)	P knov ma ma	rior wledge athe- atics	Intell	ligence	Re sl	ading kills	
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$	1	Financial Accounting 1	β/ t	.212	1.873		246 -2.066			.382	3.224					R ² .319 Adj.R ² .281 df 3/54
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$			Sign.		.066		.044				.002					F 8.420 Sign000
$\begin{array}{ c c c c c c c c c c c c c c c c c c c$		Global Economics & Economic	β/t	.275	2.350	306 -2.630	289 -2.462	250	-2.147							R ² .292 Adj.R ² .239 df 4/53
$ \begin{array}{c c c c c c c c c c c c c c c c c c c $		History	Sign.		.023	.011	.017		.036							F 5.472 Sign001
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$		Macro-economics 1	β / t	.383	3.183							.243	2.016			R^2 .203 Adj. R^2 .174 df 2/55
$ \begin{array}{c c c c c c c c c c c c c c c c c c c $			Sign.		.002								.049			F 6.997 Sign002
$ \begin{array}{c c c c c c c c c c c c c c c c c c c $		Mathematics 1	β / t	.278	2.866			295	-2.949	.486	4.919	.170	1.681			$R^2.520$ Adj. $R^2.483$ df 4/52
Sociology & Demography β / t .39/ 3.721 324 3029 .210 1.934 .346 3.200 R^2 .41/ Adj, R^2 .3/3 df $4/53$ 2 Macro-economics 2 β / t .000 .004 .058 .002 F 9.487 Sign000 2 Macro-economics 2 β / t .314 2.144 R^2 .099 Adj, R^2 .077 df $1/42$ Sign. .000 .038 F 4.595 Sign038 Management & Management β / t .332 2.370 .301 2.154 R^2 .267 Adj, R^2 .322 df $2/42$ Accounting Sign. .355 355 326 218 R^2 .356 Adj, R^2 .307 df $3/39$ Mathematics 2 β / t 355 2760 .412 3.196 286 218 R^2 .356 Adj, R^2 .307 df $3/39$ Mathematics 2 β / t 355 .000 .002 .002 .002 .003 .003 Sign .001 .002<			Sign.	207	.006			20.4	.005		.000		.099	246	2.200	F 14.066 Sign000
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$		Sociology & Demography	β/t Sian	.397	3.721			324	-3.029	.210	1.934			.346	3.200	R^2 .417 Adj. R^2 .373 df 4/53 E 9.487 Sign 000
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	2	Macro aconomics 2			.000				.004	31/	2 144	-			.002	$P_2 000 Adj P_2 077 df 1/42$
Management & Management & Management & Ag / t .332 2.370 .301 2.154 R^2 .267 Adj_1R^2 .232 $df_2/42$ Accounting Sign. .022 .037 $F7.641$ Sign003 Mathematics 2 β/t 355 - 2.760 .412 3.196 286 -2.218 R^2 .356 Adj_1R^2 .307 df 3/39 Sign .000 .002 .002 .023 $F7.201$ Sign .003	2	Macro-economics 2	Sian.							.514	.038					F 4.595 Sian038
Accounting Sign. .022 .037 F 7.641 Sign003 Mathematics 2 β / t 355 -2.760 .412 3.196 286 -2.218 R^2 .356 $Adj.R^2$.307 df 3/39 Sign 000 002 002 023 F 7.001 Sign 001		Management & Management	B/t			-				.332	2.370	.301	2.154			R ² .267 Adi.R ² .232 df 2/42
Mathematics 2 β / t 355 -2.760 .412 3.196 286 -2.218 R^2 .356 $Adj.R^2$.307 df $3/39$ Sign 000 002 002 023 $E.7.201$ Sign 001		Accounting	Sign.								.022		.037			F 7.641 Sign003
Cian 000 002 023 E 7 201 Sian 001		Mathematics 2	β/t				355 -2.760			.412	3.196			286	-2.218	R ² .356 Adj.R ² .307 df 3/39
			Sign.				.009				.003				.032	F 7.201 Sign001
Research Methods & Psychology 1 β / t .343 2.707 216 -1.706 .429 3.430 R^2 .377 Adj. R^2 .330 df 3/40		Research Methods & Psychology 1	β/t	.343	2.707		216 -1.706			.429	3.430					R^2 .377 Adj. R^2 .330 df 3/40
Sign010 .096 .001 F 8.061 Sign000			Sign.		.010		.096				.001					F 8.061 Sign000
3 Financial Accounting 2 β/t .320 .300 2.366 .335 2.607 $R^2.257$ $Adj.R^2.211$ df 3/48	3	Financial Accounting 2	β/t			.320		.300	2.366			.335	2.607			R ² .257 Adj.R ² .211 df 3/48
Sign. 2.48727 .02 .012 F 5.537 Sign002			Sign.			2.48727			.022				.012			F 5.537 Sign002
.01616			0			.01616										
Management Information Systems β/t 280 -2.217 .227 1.971 .450 3.609 R^2 .439 Adj. R^2 .404 df 3/48		Management Information Systems	β/t Ciam				280 -2.217	.227	1.971			.450	3.609			R^2 .439 Adj. R^2 .404 df 3/48
Sign001 .055 .001 F12.534 Sign000							.031		.055			-	.001	-		<u>F 12.534</u> Sign000
Principles of Law β/t .329 2.752432 -3.609 R^2 .298 Adj. R^2 .259 df 2/49		Principles of Law	β/t Sign	.329	2.752		432 -3.609									$R^2.298$ Adj. $R^2.269$ df 2/49
Sigir					.008		.001			-				-		<u>F 10.387</u> Sign000
Research Methods & Psychology 2 β / ζ .540 4.652212 -1.831 R ² .361 Adj.R ² .335 df 2/48		Research Methods & Psychology 2	β/t Sign	.540	4.652		212 -1.831									R^2 .361 Adj. R^2 .335 df 2/48
$\frac{51011.}{1.000} .073 \qquad F 13.585 S101. .000 .073 \qquad F 13.585 S101. .000 .073 $		Statiation	<u> </u>	E10	.000		.0/3					205	2 400	266	2 270	F 13.305 SIGN000
Statistics p/c .313 4.704 .395 5.406 -2.206 -2.276 K ² .450 Auj.K ² .394 uj 5/46 Sian		Statistics	Sian.	.519	4.704							.595	.001	200	-2.270	K^{-} .450 Auj. K^{-} .594 Uj 5/46 E 12.052 Sign 000

Note. Results are presented only for variables that appear in the selected regression model. Tolerance and variance inflation factor are within the acceptable range for all analyses, indicating that there are no multicollinearity problems.