

## **APPENDIX 2**

### **Identity of Catholic schools: International Studies in Catholic Education**

#### **Regression Analysis Tables**

**Table A1. Sets of predictor variables used in the regression analyses.**

Set	Variable	Scoring	Survey Question
Set 1	Demographics		
	GENDER	male = 1, female = 2	1
	AGE	<29 years =1 .... 60+ years = 5	2
	LEVEL	Primary = 1, Primary & secondary = 2, Secondary = 3	5_1
	LOS	< 5years = 1 ... > 30 years = 5 (length of teaching service)	6
	APPOINT	1 = Principal ... 6 = teacher (level of appointment)	9
Set 2	Role in Catholic school		
	RELTEACH	1 = teaches religion, 2 = does not	5_2
	CURMANG	1 = curriculum responsibilities , 2 = none	5_3
	LOSCATH	1 = < 5 years ... 5 > 30 years	7
Set 3	Religion and religiosity		
	RELIGION	1 = Catholic, 0 = other	10
	RELGIMP	0 = very important ... 5 very unimportant	11
Set 4	Self-reported levels of knowledge		
	KNOWTOT	1 = knowledge of faith very poor ... 5 knowledge very good	20
Set 5	Reasons for working in Catholic schools		
	ENVIRO	1 = working because of environment, 0 = other	8
	COMIT	1 = working because of faith commitment, 0 = other	8

**Table A2. Summary of regression statistics for each step with the Catholic Schools are Different as the outcome variable.**

	Step 1					Step 2				
	B	SE(B)	Beta	t	p	B	SE(B)	Beta	t	p
(Constant)	9.163	0.438		20.919	0.000	8.756	0.443		19.746	0.000
GENDER	0.223	0.085	0.055	2.610	0.009	0.190	0.085	0.047	2.240	0.025
AGE	0.059	0.052	0.038	1.128	0.260	0.043	0.052	0.028	0.831	0.406
LEVEL	-0.080	0.076	-0.025	-1.047	0.295	-0.037	0.076	-0.012	-0.490	0.624
RELTEACH	-0.181	0.095	-0.048	-1.898	0.058	-0.137	0.095	-0.036	-1.443	0.149
CURMANG	-0.202	0.106	-0.055	-1.909	0.056	-0.194	0.105	-0.052	-1.849	0.065
LOS	-0.005	0.064	-0.003	-0.075	0.940	0.025	0.064	0.018	0.399	0.690
LOSCATH	-0.006	0.058	-0.004	-0.098	0.922	-0.042	0.058	-0.029	-0.721	0.471
APPOINT	-0.116	0.040	-0.083	-2.886	0.004	-0.100	0.040	-0.071	-2.487	0.013
RELGIMP	-0.009	0.002	-0.087	-3.775	0.000	-0.008	0.002	-0.074	-3.217	0.001
RELIGION	0.214	0.116	0.046	1.837	0.066	0.044	0.122	0.010	0.360	0.719
KNOWTOT	0.277	0.063	0.104	4.378	0.000	0.226	0.064	0.085	3.552	0.000
ENVIRO						0.452	0.112	0.086	4.022	0.000
COMIT						0.372	0.094	0.101	3.960	0.000
$R^2$			0.068					0.082		
F Change			14.22 (11,2133), $p < .001$					15.84 (2, 2131); $p < .001$		

**Table A3. Summary of regression statistics for each step with the Identity of Catholic Schools is Important as the outcome variable.**

	Step 1					Step 2				
	B	SE(B)	Beta	t	p	B	SE(B)	Beta	t	p
(Constant)	8.078	0.497		16.241	0.000	7.251	0.489		14.824	0.000
GENDER	0.205	0.097	0.041	2.119	0.034	0.124	0.094	0.025	1.327	0.185
AGE	0.127	0.059	0.066	2.144	0.032	0.089	0.057	0.046	1.556	0.120
LEVEL	-0.400	0.086	-0.103	-4.632	0.000	-0.284	0.084	-0.074	-3.398	0.001
LOS	-0.083	0.072	-0.049	-1.140	0.255	-0.017	0.070	-0.010	-0.238	0.812
APPOINT	-0.145	0.046	-0.083	-3.171	0.002	-0.099	0.044	-0.057	-2.238	0.025
RELTEACH	-0.461	0.108	-0.099	-4.264	0.000	-0.333	0.105	-0.071	-3.171	0.002
CURMANG	-0.106	0.120	-0.023	-0.884	0.377	-0.081	0.116	-0.018	-0.696	0.487
LOSCATH	0.104	0.066	0.059	1.583	0.114	0.014	0.064	0.008	0.221	0.825
RELIGION	0.865	0.132	0.151	6.554	0.000	0.372	0.134	0.065	2.765	0.006
RELGIMP	-0.018	0.003	-0.140	-6.585	0.000	-0.015	0.003	-0.117	-5.698	0.000
KNOWTOT	0.536	0.072	0.162	7.466	0.000	0.397	0.070	0.120	5.671	0.000
ENVIRO						0.834	0.124	0.127	6.723	0.000
COMIT						1.122	0.104	0.245	10.813	0.000
R <sup>2</sup>			0.215					0.270		
F Change			53.18 (11,2133), p < .001					80.67 (2, 2131); p < .001		

**Table A4. Summary of regression statistics for each step with Environment (ENVIRO) as the main reason for working in Catholic schools as the outcome variable.**

	Step 1					Step 2				
	B	SE(B).	Wald	df	p	B	SE(B)	Wald	df	p
Constant	2.069	0.616	11.293	1	0.001	1.042	0.759	1.884	1	0.170
GENDER	0.284	0.141	4.050	1	0.044	0.273	0.141	3.735	1	0.053
AGE	0.185	0.094	3.878	1	0.049	0.177	0.094	3.536	1	0.060
LEVEL	-0.201	0.131	2.346	1	0.126	-0.218	0.132	2.731	1	0.098
RELTEACH	-0.123	0.159	0.593	1	0.441	-0.038	0.164	0.052	1	0.819
CURMANG	0.051	0.181	0.079	1	0.779	0.064	0.182	0.124	1	0.725
LOS	-0.385	0.103	13.837	1	0.000	-0.374	0.104	12.995	1	0.000
LOSCATH	0.285	0.088	10.354	1	0.001	0.257	0.089	8.285	1	0.004
APPOINT	-0.098	0.079	1.548	1	0.213	-0.080	0.079	1.018	1	0.313
RELGIMP	-0.012	0.003	15.201	1	0.000	-0.011	0.003	13.696	1	0.000
RELIGION	0.326	0.179	3.312	1	0.069	0.250	0.182	1.888	1	0.169
KNOWTOT						0.242	0.105	5.289	1	0.021
Nagelkerke $R^2$			0.067					0.071		
$\chi^2$ Change			79.81 (10), $p < .001$					5.28 (1), $p = .022$		

**Table A4. Summary of regression statistics for each step with Faith Commitment (COMIT) as the main reason for working in Catholic schools as the outcome variable.**

	Step 1					Step 2				
	B	SE(B)	Wald	df	p	B	SE(B)	Wald	df	p
Constant	1.403	0.558	6.332	1	0.012	-1.019	0.698	2.134	1	0.144
GENDER	0.305	0.122	6.218	1	0.013	0.293	0.124	5.619	1	0.018
AGE	0.094	0.075	1.575	1	0.209	0.090	0.076	1.399	1	0.237
LEVEL	-0.446	0.112	15.897	1	0.000	-0.525	0.114	21.101	1	0.000
RELTEACH	-0.728	0.133	29.951	1	0.000	-0.589	0.137	18.616	1	0.000
CURMANG	-0.155	0.159	0.952	1	0.329	-0.144	0.162	0.796	1	0.372
LOS	-0.175	0.092	3.597	1	0.058	-0.143	0.093	2.350	1	0.125
LOSCATH	0.373	0.084	19.760	1	0.000	0.313	0.085	13.468	1	0.000
APPOINT	-0.308	0.080	14.966	1	0.000	-0.292	0.081	13.164	1	0.000
RELGIMP	-0.233	0.048	23.425	1	0.000	-0.147	0.051	8.405	1	0.004
RELIGION	2.297	0.177	168.182	1	0.000	2.172	0.179	146.678	1	0.000
KNOWTOT						0.579	0.100	33.869	1	0.000
Nagelkerke $R^2$			0.422					0.437		
$\chi^2$ Change			797.32 (10), $p < .001$					35.01 (1), $p < .001$		

**Table A6. Summary regression statistics for each step with Purpose of Catholics Schools as Faith-related as the outcome variable.**

	Step 1					Step 2				
	B	SE(B).	Wald	df	Sig.	B	S.E.	Wald	df	Sig.
GENDER	0.016	0.104	0.023	1	0.880	-0.022	0.106	0.042	1	0.838
AGE	0.074	0.063	1.366	1	0.243	0.061	0.064	0.898	1	0.343
LEVEL	0.035	0.092	0.144	1	0.705	0.105	0.094	1.233	1	0.267
RELTEACH	-0.237	0.116	4.167	1	0.041	-0.144	0.119	1.484	1	0.223
CURMANG	-0.252	0.127	3.918	1	0.048	-0.235	0.129	3.316	1	0.069
LOS	-0.111	0.080	1.919	1	0.166	-0.101	0.081	1.537	1	0.215
LOSCATH	0.254	0.073	12.238	1	0.000	0.221	0.074	8.963	1	0.003
APPOINT	-0.173	0.049	12.357	1	0.000	-0.146	0.050	8.597	1	0.003
RELGIMP	0.002	0.003	0.628	1	0.428	0.003	0.003	0.996	1	0.318
RELIGION	0.460	0.150	9.387	1	0.002	0.105	0.161	0.422	1	0.516
KNOWTOT	0.165	0.078	4.528	1	0.033	0.085	0.080	1.144	1	0.285
ENVIRO						-0.135	0.141	0.924	1	0.336
COMIT						0.838	0.119	49.525	1	0.000
Nagelkerke $R^2$			0.100					0.130		
$\chi^2$ Change			164.85 (11), $p < .001$					52.39 (2), $p < .001$		

**Table A7. Component loadings for characteristics of Catholic schools.**

<b>Items</b>	<b>Component 1 (PRACTICES)</b>	<b>Component 2 (PEOPLE)</b>
Annual age-appropriate religious retreats are available to students	0.31	0.00
Catholic symbols throughout the school	0.55	0.32
Caring community	0.50	-0.07
Prayer is integral to the school's daily life for staff and students	0.69	0.30
Religious Education programmes present the teachings of the Catholic Church	0.60	0.39
Teachers of religion are Catholic	0.08	0.78
The principal is Catholic	0.24	0.71
The school community celebrates school liturgies frequently	0.67	0.36
The school engages in outreach and social justice programmes	0.61	-0.02
The school is a community of faith	0.75	0.21
The school has strong links with the wider Church	0.65	0.29
The teachers of RE are accredited to teach RE	0.39	0.46
The vast majority of students are Catholic	0.00	0.77
The vast majority of teachers are Catholic	0.12	0.87

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Note: Principal Components Analysis with Varimax rotation





**Table A9. Summary of regression statistics for each step with PEOPLE as the major characteristic of Catholic schools as the outcome variable.**

	Step 1					Step 2				
	B	SE(B)	Beta	t	p	B	SE(B)	Beta	t	p
(Constant)	-.540	.231		-2.335	.020	-.588	.233		-2.521	.012
GENDER	-.010	.045	-.004	-.225	.822	-.026	.045	-.012	-.587	.557
AGE	.093	.027	.107	3.381	.001	.086	.027	.099	3.164	.002
LEVEL	-.246	.040	-.141	-6.144	.000	-.218	.040	-.125	-5.453	.000
RELTEACH	-.034	.050	-.016	-.671	.502	.004	.050	.002	.083	.934
CURMANG	-.054	.056	-.026	-.971	.331	-.045	.055	-.022	-.815	.415
LOS	-.057	.034	-.074	-1.682	.093	-.049	.033	-.064	-1.477	.140
LOSCATH	.062	.031	.078	2.026	.043	.044	.030	.055	1.447	.148
APPOINT	-.042	.021	-.054	-1.996	.046	-.030	.021	-.038	-1.429	.153
RELGIMP	.000	.001	-.007	-.332	.740	.000	.001	-.003	-.119	.905
RELIGION	.678	.061	.262	11.048	.000	.537	.064	.207	8.366	.000
KNOWTOT	.123	.033	.082	3.674	.000	.088	.033	.059	2.635	.008
ENVIRO						-.018	.059	-.006	-.300	.764
COMIT						.343	.049	.166	6.927	.000
R <sup>2</sup>			0.171					0.018		
F Change			39.88 (11,2133), p < .001					24.05 (2, 2131); p < .001		