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APPENDIX

Table a : Average value of each variable in regional hospitals with teaching status

Variables	N	Minimum	Maximum	Mean	Std.
Average charge per RW (Bahts)	4	7984.81	13155.53	10,025.36	2211.78
Percent of Physician per bed	4	12.134	15.41	13.59	1.58
Average RW per case	4	0.88	1.24	1.02	0.17
Percentage of Board Certified Physician	4	87.18	95.71	92.11	4.0
Percentage of Labor Cost	4	46	52	49.25	2.75
Percentage of Admission Rate	4	9.34	11.78	10.33	1.05
Percentage of Referral Rate	4	80.63	93.84	86.3	5.53
Inventory Turnover ratio	4	6.67	15.81	12.07	3.43
Case flow rate (outputs/bed)	4	53.00	70.60	63.45	8.44

Table b : Average value of each variable in regional hospitals without teaching status

Variables	N	Minimum	Maximum	Mean	Std.
Average charge per RW (Bahts)	5	3,723.96	10,597.95	8,082.52	2,849.94
Percent of Physician per bed	5	9.04	22.43	14.42	5.38
Average RW per case	5	0.85	1.25	0.97	0.17
Percentage of Board Certified Physician	5	87.10	95.56	91.62	3.09
Percentage of Labor Cost	5	46.00	54.00	49	3.32
Percentage of Admission Rate	5	5.77	14.65	9.71	3.4
Percentage of Referral Rate	5	89.1	97.92	92.20	3.53
Inventory Turnover ratio	5	6.67	13.95	10.56	3.19
Case flow rate (outputs/bed)	5	44.50	81.00	66.52	14.24

Table c : Average value of each variable in general hospitals

Variables	N	Minimum	Maximum	Mean	Std.
Average charge per RW (Bahts)	18	2663.04	10183.44	6775.93	2259.27
Percentage of Physician per bed	18	4.52	17.23	9.25	3.37
Average RW per case	18	0.70	0.94	0.79	0.07
Percentage of Board Certified Physician	18	62.50	100.00	88.36	10.31
Percentage of Labor Cost	18	47.00	69.00	56.61	5.64
Percentage of Admission Rate	18	6.03	15.89	10.15	2.96
Percentage of Referral Rate	18	15.88	89.19	75.27	15.22
Inventory Turnover ratio	18	5.83	37.85	12.84	7.53
Case flow rate (outputs/bed)	18	49.80	86.50	70.46	10.92

Table d : Average value of each variables in community hospitals

Variables	N	Minimum	Maximum	Mean	Std.
Average charge per RW (Bahts)	151	241.27	9374.6	2553.02	1419.93
Percentage of Physician per bed	149	2.22	50	9.22	5.10
Average RW per case	151	0.45	0.92	0.65	0.09
Percentage of Board Certified Physician	80	0	88.88	9.51	21.20
Percentage of Labor Cost	149	39	81	57.43	8.30
Percentage of Admission Rate	151	2.20	12.22	6.51	2.09
Percentage of Referral Rate	149	0.84	94.26	42.67	20.8
Inventory Turnover ratio	149	0.9	581.18	20.01	61.54
Case flow rate (outputs/bed)	151	38.9	206	104.83	36.28

Table e : Comparison of average value of variables in different levels of hospital

Hospitals	Average charge per RW (Bahts)	Percent of Physician per bed	Average RW per case	Percent of Board Certified Physician	Percent of Labor Cost	Percent of Admission Rate	Percent of Referral Rate	Inventory Turnover ratio	Case flow rate (Output/bed)
Regional hospitals with teaching status	10,025.4	13.59	1.02	92.11	49.25	10.33	86.3	12.07	63.45
Regional hospitals without teaching status	8,928.02	14.08	0.95	92.19	48.83	9.82	92.20	11.11	64.27
General hospitals	6,775.93	9.25	0.79	88.36	56.61	10.15	75.27	12.84	70.46
Community hospitals	2,553.02	9.22	0.65	9.51	57.43	6.51	42.67	20.01	111.29

Estimated regression model I

Variables Entered/Removed

Model	Variables Entered	Variables Removed	Method
1	rf, tr, lc, phy, gpp, lev1, lev2, lev3, invcfr100		Enter

All requested variables entered.
Dependent Variable: bath

Model Summary

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate
1	.777	.604	.583	1576.4720

Predictors: (Constant), rf, tr, lc, phy, gpp, lev1,lev2,lev3, invcfr100

ANOVA

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	622644373.261	9	69182708.140	27.837	.000
	Residual	407583315.598	164	2485264.120		
	Total	1030227688.860	173			

Predictors: (Constant), rf, tr, lc, phy, cpi, gdp, lev1,lev2,lev3, invcfr100
Dependent Variable: bath

Coefficients of estimated regression model I

	Unstandardized Coefficients B	Std. Error	Standardized Coefficients Beta	t	Sig.	Collinearity Statistics Tolerance	VIF
Constant	1799.540	962.880		1.869	.063		
phy	19.353	26.356	.039	.734	.464	.845	1.183
gpp	3.156E-03	.002	.072	1.342	.181	.844	1.185
lc	-14.334	16.453	-.048	-.871	.385	.809	1.235
tr	1.557	2.140	.036	.728	.468	.965	1.036
invcfr	877.281	431.316	.130	2.034	.044	.588	1.699
rf	7.516	6.272	.074	1.198	.233	.636	1.573
lev1	6414.507	919.739	.395	6.974	.000	.752	1.330
lev2	4485.558	861.508	.308	5.207	.000	.690	1.450
lev3	3538.291	485.156	.443	7.293	.000	.654	1.528

Dependent Variable: bath

Estimated Regression model II

Variables Entered/Removed

Model	Variables Entered	Variables Removed	Method
1	lev1, tr, gpp, phy, rf, lc, invcfr, avrw	.	Enter

All requested variables entered.

Dependent Variable: bath

Model Summary

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate
1	.686	.471	.445	1817.7234

Predictors: (Constant), lev1, tr, gpp, phy, rf, lc, invcfr, avrw

ANOVA

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	485048151.579	8	60631018.947	18.350	.000
	Residual	545179537.280	165	3304118.408		
	Total	1030227688.860	173			

Predictors: (Constant), lev1, tr, gdp, phy, rf, lc, invcfr, avrw

Dependent Variable: bath

Coefficients of Estimated regression model II

	Unstandardized Coefficients B	Std. Error	Standardized Coefficients Beta	t	Sig.	Collinearity Statistics Tolerance	VIF
(Constant)	-710.418	1358.722		-.523	.602		
phy	51.315	29.514	.104	1.739	.084	.896	1.116
avrw	3085.307	1420.974	.157	2.171	.031	.616	1.623
gpp	5.173E-03	.003	.118	1.921	.056	.855	1.170
lc	-42.013	18.275	-.139	-2.299	.023	.872	1.147
tr	1.476	2.469	.034	.598	.551	.964	1.038
invcfr	2104.059	460.890	.312	4.565	.000	.685	1.459
rf	24.743	6.851	.243	3.612	.000	.708	1.412
lev1	3132.761	1034.179	.193	3.029	.003	.791	1.265

Dependent Variable: bath

BIOGRAPHY

Name : Miss Supinda Satornkij
Date of Birth : 7 June, 1969
Nationality : Thai

Educational Qualification :

Degree	Institutes	Year of Graduation
Doctor of Dental Surgery (DDS.)	Mahidol University	1993
Certificate in Endodontics	Chulalongkorn University	1998

Position Held :

Year	Position
1993– 1995	Head of Dental Health Division Maetha Hospital Lamphun Province
1995– present	Dental Health Division Pathumthani Provincial Public Health Office Pathumthani Province

Address : Dental Health Division
 Pathumthani Provincial Public Health Office
 Pathumthani Province
 e-mail : ssupinda@health.moph.go.th

