

## CHAPTER IV

### RESULTS

This study was purposed to compare the Health Consciousness (HC) and the Social Change Agent Characteristic (SCAC) among 3 types of Peer Leaders. The research questions were following:

1. What is the magnitude of Health Consciousness (HC) and the Social Change Agent Characteristic (SCAC) level for each type of Peer Leaders?
2. Is there a relationship between the 2 variables and being Peer Leaders?
3. Is there a relationship between the Health Consciousness and the Social Change Agent Characteristic?

This chapter begins with an overview of the demographic of the subjects. Next, the outcome measures will be reported with the figure and diagram. Finally, the results will be concluded to answer the research questions.

**Table 4** Bio-demography of subjects

Information	Total	Peer Leaders			Non-Peer Leaders
		FC	SC	VMYD	
<b>Gender</b>					
-male	201(39%)	36(43%)	26(33%)	35(40%)	104(39%)
-female	319(61%)	47(57%)	54(67%)	52(60%)	166(61%)
	520	83	80	87	270
<b>GPA</b>					
-2.5 or less		14(17%)	14(18%)	9(10%)	51(19%)
-2.51-3.0		38(46%)	45(56%)	45(52%)	105(39%)
-3.1-3.5		25(30%)	11(14%)	19(22%)	71(26%)
-3.5 or more		6(7%)	10(12%)	14(16%)	43(16%)

**Table 4** Bio-demography of subjects (Cont.)

Information	Total	Peer Leaders			Non- Peer Leaders
		FC	SC	VMYD	
<b>Birth order</b>					
-1 <sup>st</sup>		47	39	50	95
-2 <sup>nd</sup>		33	38	32	126
-3 <sup>rd</sup>		2	3	4	46
-4 <sup>th</sup> or more than		1	-	1	3
<b>Status of parents</b>					
-together		63	68	64	201
-sep. or divorce		10	5	11	40
-widow		10	7	12	29
<b>Income per month</b>					
-less than 10,000		52	41	38	178
-10,001-15,000		20	26	16	32
-15,001-20,000		6	12	31	54
-20,001 or more		5	1	2	6

**Note:** FC = Friends' Corner, SC = Smart Consumer,

VMYD = Volunteer-Minded Young Dentist

The total subjects is 520, 61% (n=319) were female and 39% (n=201) were male. Peer Leaders were 250: Friends' Corner (n=83); Smart Consumer (n=80) and Volunteer-Minded Young Dentist (n=87). The rest (n=270) were general students (Non-Peer Leaders). More than half of Peer Leaders (50.2%) had GPA between 2.51-3.0, being the 1<sup>st</sup> order of family member (53.7%), their parents lived together (79.3%) and the income of family per month is less than 10,000 (59.1%).

**Table 5** HC and SC level among 3 types of Peer Leaders and Non-Peer Leaders

Type	Domain	FC		SC		VMYD		Non-Peer Leaders	
		Mean	SD	Mean	SD	Mean	SD	Mean	SD
HC	HCPRO	6.81	0.99	8.64	0.99	7.59	1.12	3.35	1.08
	HCHOL	6.85	1.24	5.70	1.52	9.62	0.79	3.68	1.60
	HCCONS	6.89	1.02	7.95	0.91	7.53	0.89	3.57	1.15
	HCRES	6.65	1.17	5.38	1.11	9.30	1.13	4.48	4.83
SC	SCSELF	8.84	0.96	5.04	1.43	7.72	1.01	3.91	1.55
	SCCONG	8.95	0.99	5.09	1.31	7.61	0.93	3.99	2.21
	SCCOMMIT	6.92	1.14	5.26	1.41	7.81	0.95	4.05	1.40
	SCCONT	6.79	1.12	5.15	1.51	9.43	1.01	3.83	1.58
	SCCOM	6.81	1.28	5.10	1.65	9.09	1.10	3.88	1.86
	SCCHANG	6.70	1.22	5.19	1.57	9.40	1.15	3.93	1.86

**Note:** HCPRO = Proactive health domain of Health Consciousness,  
HCHOL = Holistic health perception domain of Health Consciousness,  
HCCONS = Health information consumption domain of Health Consciousness,  
HCRES = Personal health responsibility domain of Health Consciousness  
SCSELF = Self consciousness domain of Social Change Agent Characteristic,  
SCCONG = Congruence domain of Social Change Agent Characteristic,  
SCCOMMIT = Commitment domain of Social Change Agent Characteristic  
SCCONT = Controversy with civility domain of Social Change Agent Characteristic,  
SCCOM = Community connectedness domain of Social Change Agent Characteristic,  
SCCHANG = Change domain of Social Change Agent Characteristic

**Research Question 1:** What is the level of Health Consciousness Measurement (HCM) and the Social Change Agent Characteristic (SCAC) in Peer Leaders?

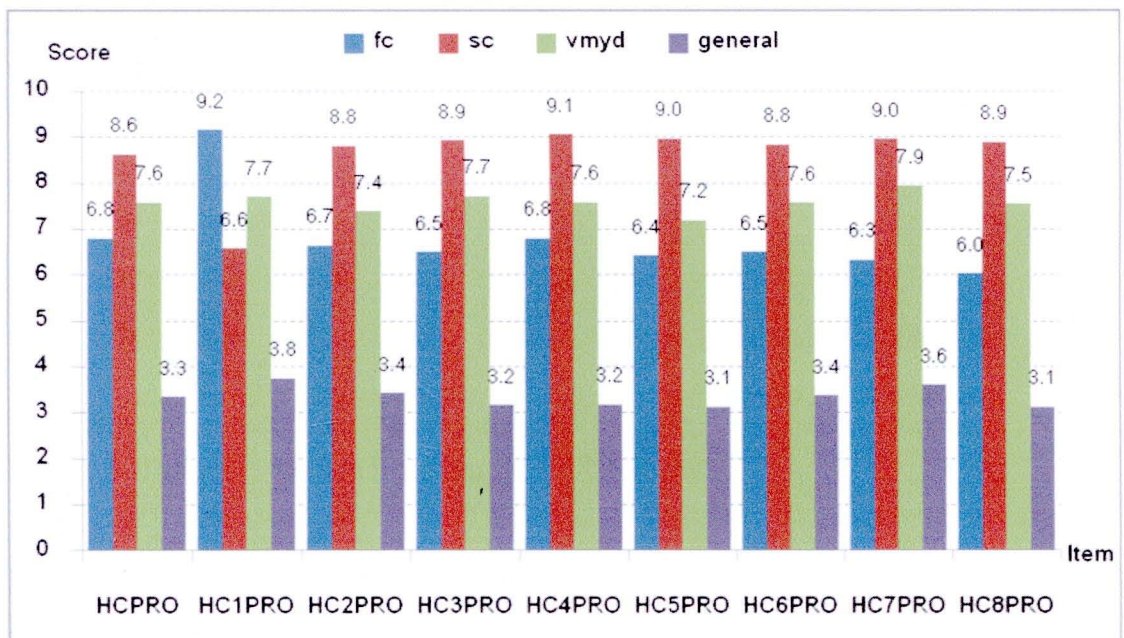
Regarding to HCM: Smart Consumer had the highest score on HCPRO (M=8.64, SD=0.99) HCCONS domains (M=7.95, SD=0.91) while Volunteer- Minded

Young Dentist had the highest score on HCHOL ( $M=9.62$ ,  $SD=0.79$ ) and HCRES domains ( $M=9.3$ ,  $SD=1.13$ ), however; Friends' Corner has the highest score in item1 (HC1PRO) of HCPRO domain and item12 (HC12CONS) of HCCONS. According to SCA: Friends' Corner had the highest score on SCSELF ( $M=8.84$ ,  $SD=0.96$ ) SCCONG domains ( $M=8.95$ ,  $SD=0.99$ ) but Volunteer-Minded Young Dentist had the highest score on SCCOMMIT ( $M=7.81$ ,  $SD=0.95$ ) SCCONT ( $M=9.43$ ,  $SD=1.01$ ) SCCOM ( $M=9.09$ ,  $SD=1.10$ ) and SCCHANG domains ( $M=9.4$ ,  $SD=1.15$ ) as revealed in Table 2.

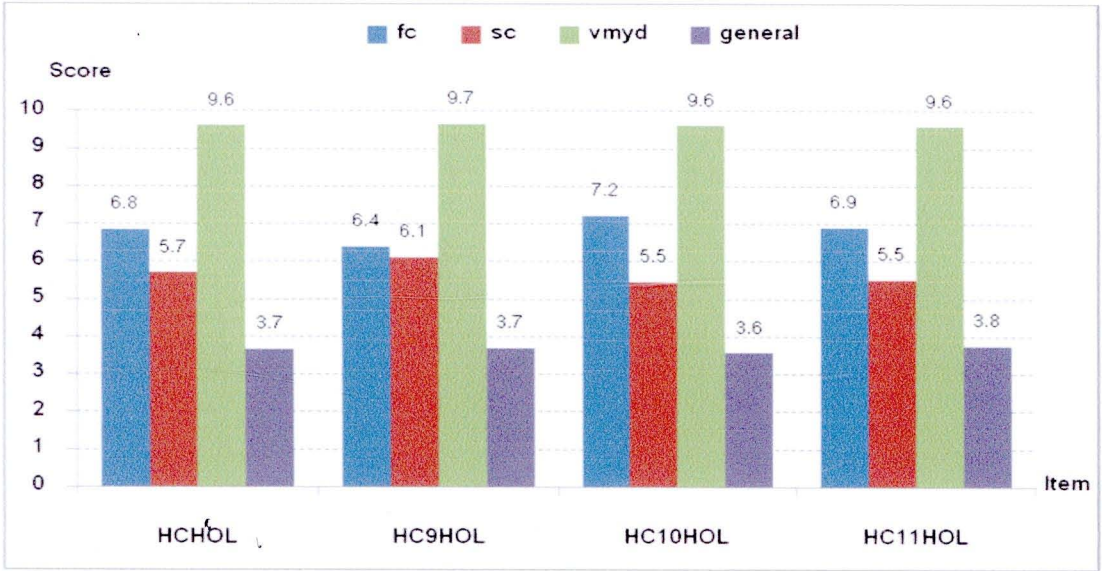
**Research Question 2:** Is there a relationship between the 2 variables and being Peer Leaders?

Yes, there is a relationship between HCM, SCA and being Peer Leaders, each types of Peer Leaders had the highest score in different domains, furthermore; being Peer Leaders had exactly higher level of HCM, SCA in every domains than Non-Peer Leaders (the details will demonstrated in Figure 6-9)

Next, Figure 6-9 demonstrate the level of Health Consciousness Measurement (HCM) in every domains: Smart Consumer (SC) almost had the highest score in each item except item1 (HC1PRO).

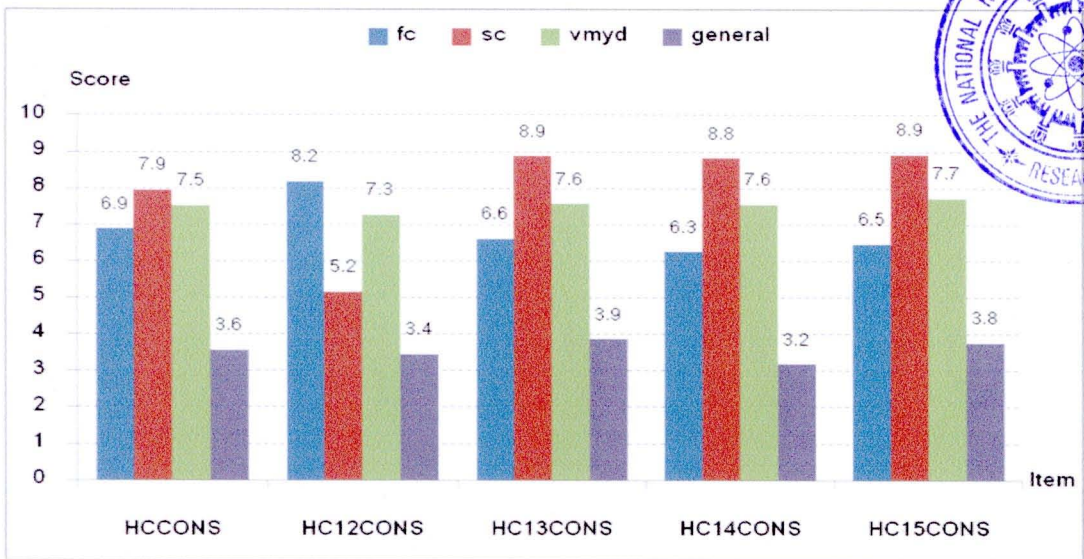


**Figure 6** The level in each items for HCPRO domain



**Figure 7** The score in each item for HCHOL domain

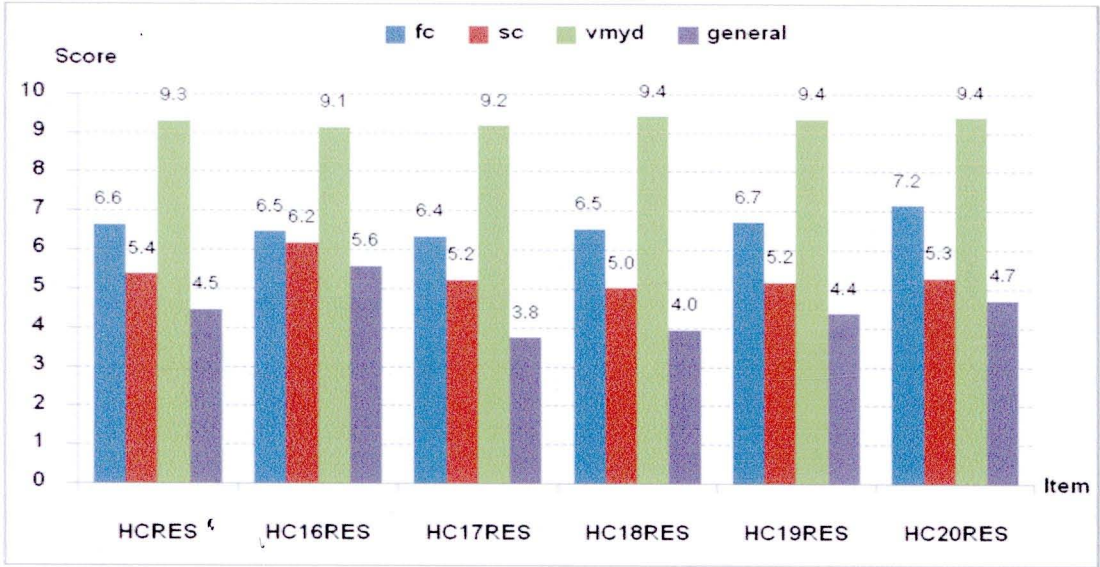
Regarding to HCHOL domain: Volunteer-Minded Young Dentist (VMYD) has the highest score in every items.



**Figure 8** The score in each items for HCCONS domain

Regarding to HCCONS domain: Smart Consumer (SC) almost has the highest score in each item except item12 (HC12CONS).

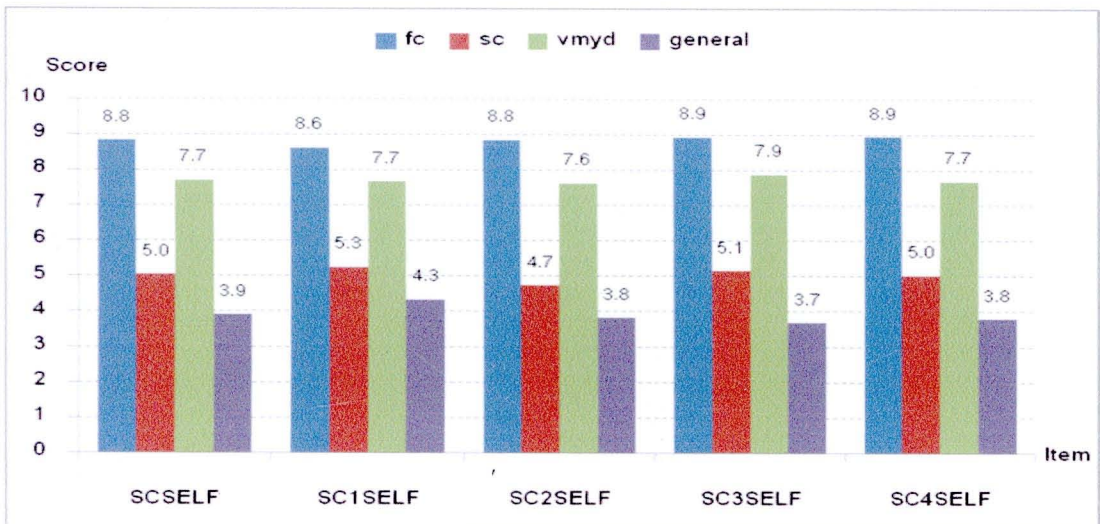




**Figure 9** The score in each items for HCRES domain

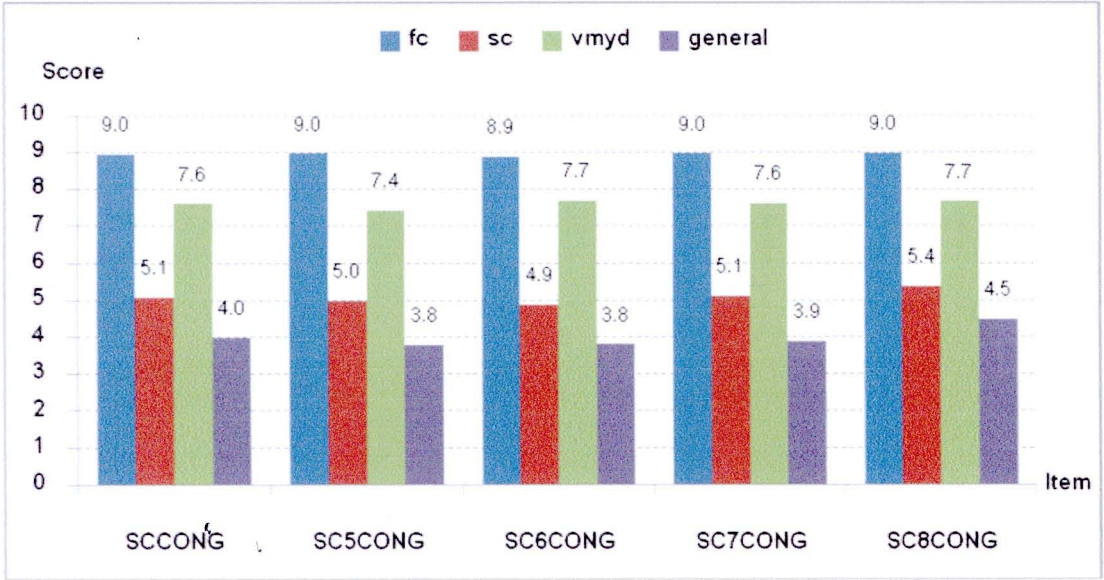
Regarding to HCRES domain, Volunteer-Minded Young Dentist (VMYD) has the highest score in every items.

Then Figure 10-15 demonstrate the score of Social Change Agent Characteristic (SCAC) for each domains.



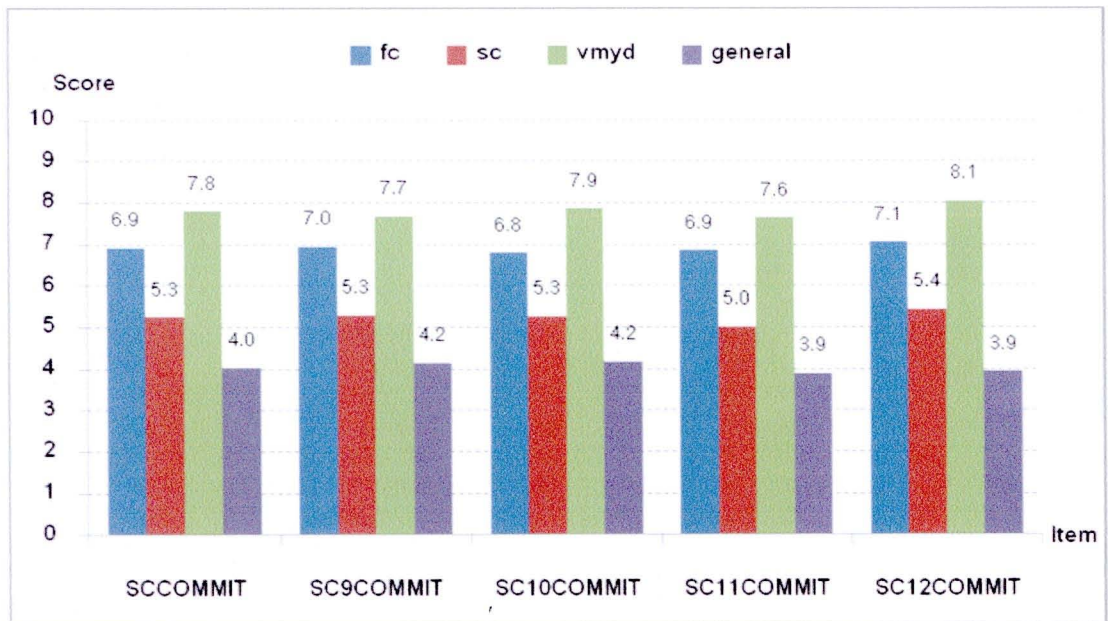
**Figure 10** The score in each items for SCSELF domain

Regarding to SCSELF domain, Friends' Corner (FC) has the highest score in every items.



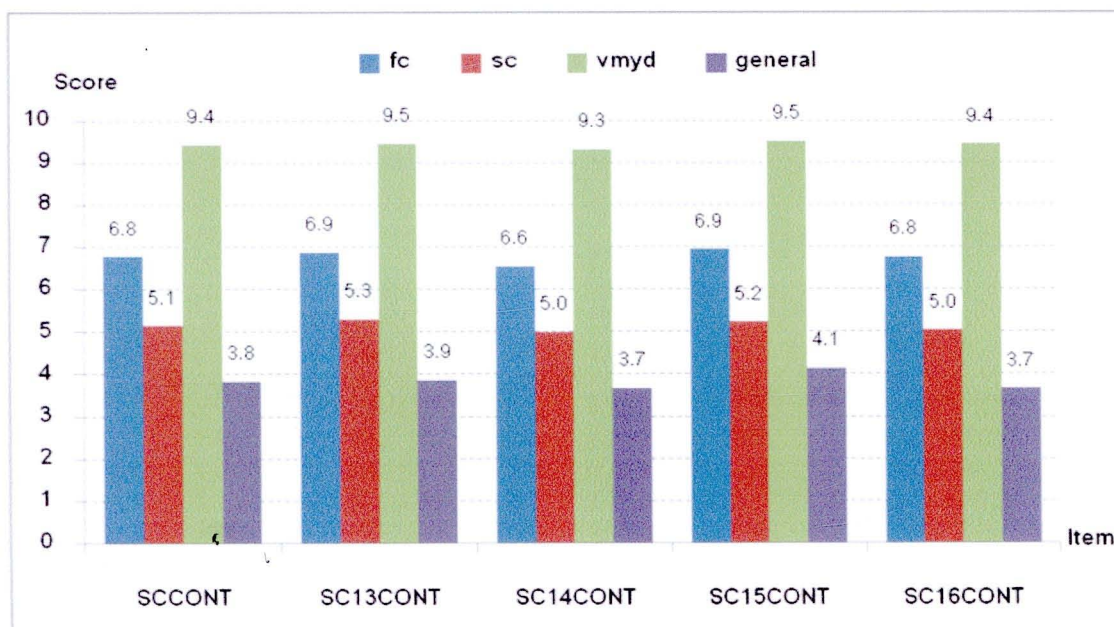
**Figure 11** The score in each items for SCCONG domain

Regarding to SCCONG domain, Friends’ Corner (FC) has the highest score in every items.



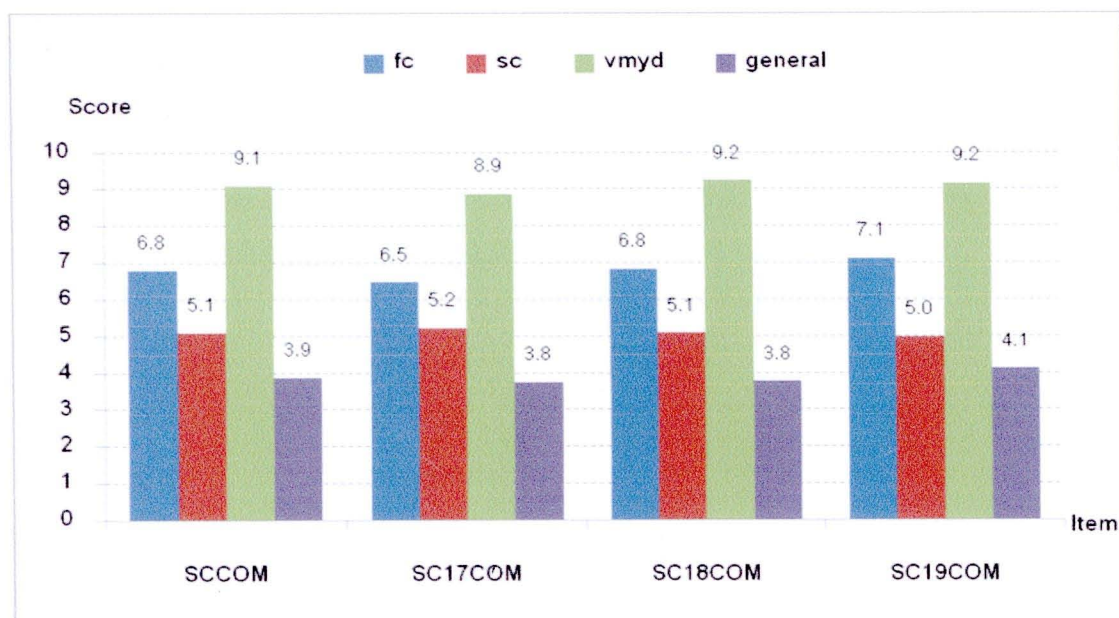
**Figure 12** The score in each items for SCCOMMIT domain

Regarding to SCCOMMIT domain, Volunteer-Minded Young Dentist (VMYD) has the highest score in every items.



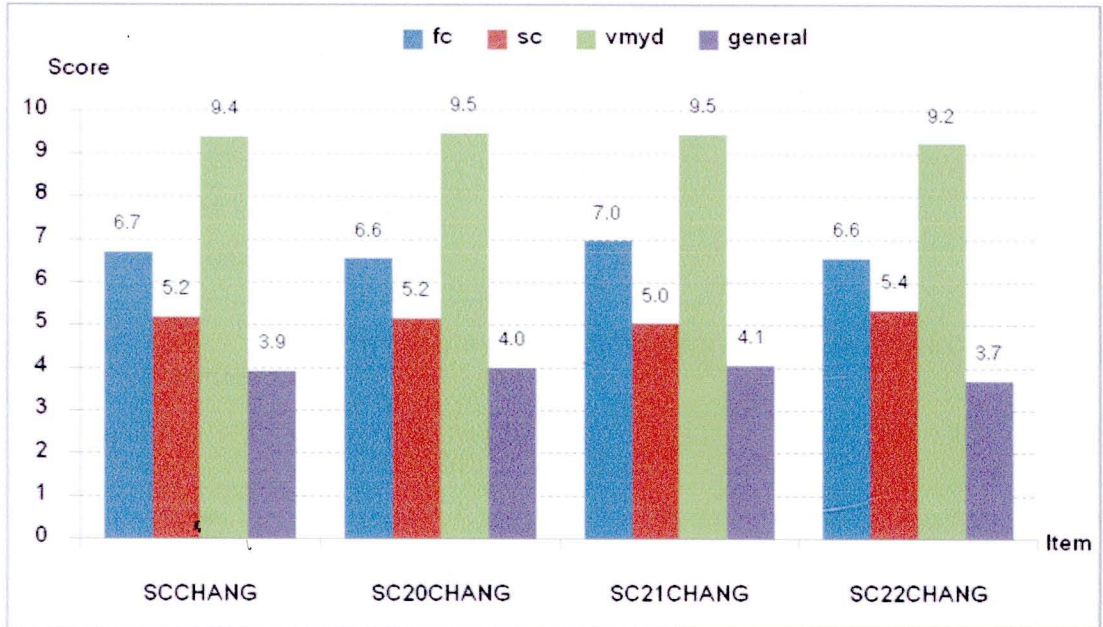
**Figure 13** The score in each items for SCCONT domain

Regarding to SCCONT domain, Volunteer-Minded Young Dentist (VMYD) has the highest score in every items.



**Figure 14** The score in each items for SCCOM domain

Regarding to SCCOM domain, Volunteer-Minded Young Dentist (VMYD) has the highest score in every items.



**Figure 15** The score in each items for SCCHANG domain

Regarding to SCCHANG domain, Volunteer-Minded Young Dentist (VMYD) has the highest score in every items.

**Research Question 3:** Is there a relationship between the Health Consciousness and the Social Change Agent Characteristic in Peer Leaders?

Yes, There is a relationship between SCAC and HC in most of the domains (p value 0.01) except among HCCONS; SCCOMMIT; SCCONT; SCCOM and SCCHANG (the details will demonstrated in Figure 15)

**Table 6** The relationship between SC and HC domains

HC	SC	SELF	CONG	COMMIT	CONT	COM	CHANG
PRO	Pearson Correlation	-0.529	-0.503	-0.273	-0.249	-0.244	-0.242
	Sig. (2-tailed)	**0.000	**0.000	**0.000	**0.000	**0.000	**0.000
	N	333	333	333	333	333	333
HOL	Pearson Correlation	0.433	0.374	0.673	0.785	0.720	0.783
	Sig. (2-tailed)	**0.000	**0.000	**0.000	**0.000	**0.000	**0.000
	N	333	333	333	333	333	333
CONS	Pearson Correlation	-0.308	-0.309	-0.067	-0.023	-0.052	-0.049
	Sig. (2-tailed)	**0.000	**0.000	0.221	0.681	0.342	0.375
	N	333	333	333	333	333	333
RES	Pearson Correlation	0.436	0.414	0.713	0.812	0.739	0.807
	Sig. (2-tailed)	**0.000	**0.000	**0.000	**0.000	**0.000	**0.000
	N	333	333	333	333	333	333

\*\* p value= 0.01 (2-tailed)