

Relationship between Vulnerability Types and Backgrounds among S-VCM in Malaysian Fisheries and Aquaculture Community



Norehan Binti Saidi

Student Master Science (Gender and Development)

Zumilah Binti Zainalaludin, Ph.D

Senior Lecturer

zumilah@upm.edu.my

Department of Resource Management and Consumer Studies

Faculty of Human Ecology UPM, Malaysia

GAF7, Bangkok (2018)



Problem Statements

- 1) 132,305 Malaysian involved in Fisheries and aquaculture economic sector (FAES) and it important for food security (Musa et al., 2011)
- 2) The FAES together with agriculture and forestry contributed 35.3% to Malaysian GDP (Malaysia Department of Statistic, 2016).
- 3) FAES is masculine (Biswas, 2017), there are marginalized group especially women
- 4) food security (SDG-2), gender equality in financial wellbeing (SDG-5), and reduce inequality of financial wellbeing between VuT and able-bodies (SDG-10).

Objective

- 1) To profile the Single - Vulnerable Community Members (S-VCM)
- 2) To measure the relationship between each backgrounds (sex, marital status, house ownership, location, academic backgrounds) and vulnerability Type (VuT)



Vulnerability Type (VuT)

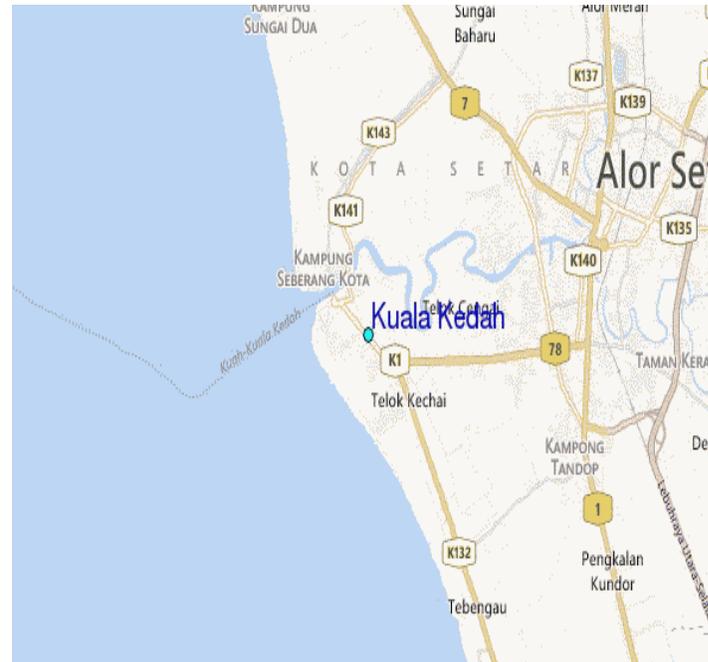
Dimension of Wellness	VuT
Occupational	i) Child labour (CL), Care takers (CT), Older Person (OP)
Intellectual	
Social	- OP, Single Mother (SM)/ Father, (SF) Living Alone (LA), Handicapped (Han), Serious Disease (SeD)
Physical	- Handicapped (Han), Serious Disease (SeD), Child Labour (CL) Note: Emotional and spiritual dimensions in all VuT



Six Dimensions of Wellness Model – National Wellness Institute (nationalwellness.org)

Single-Vulnerable Community Members (S-VCM)

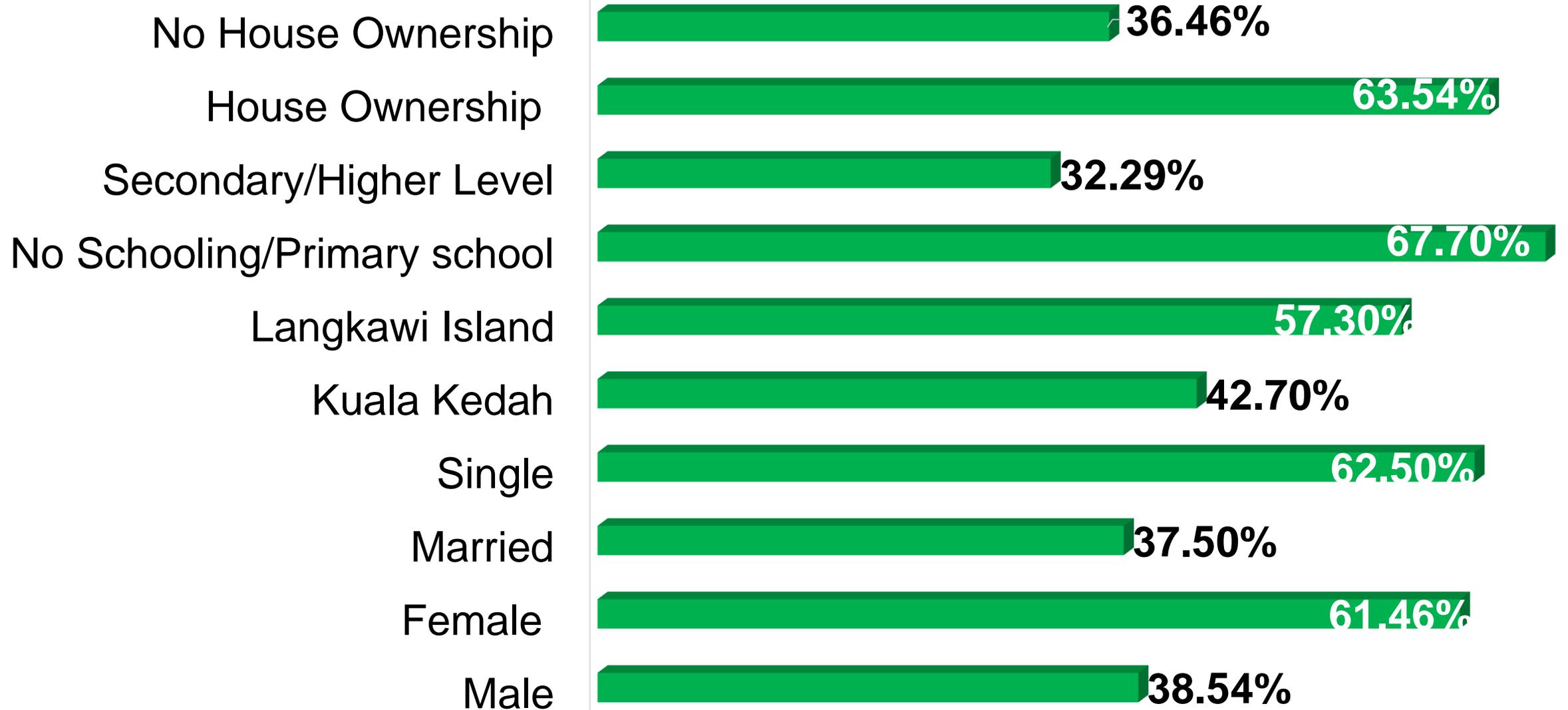
- Community member suffered only ONE VuT
- Fisheries and Aquaculture Community (FAC)
- Langkawi and Kuala Kedah
- Data collected through questionnaire



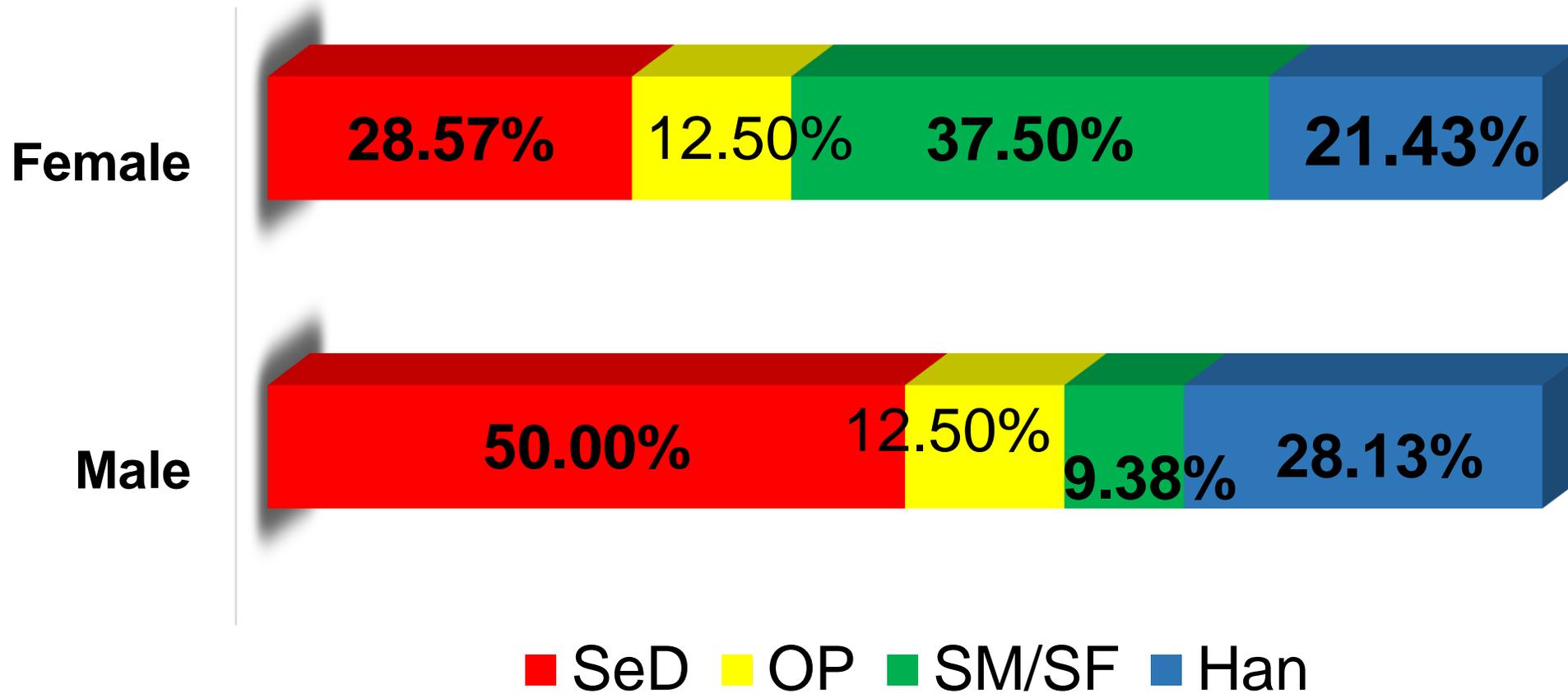
Methods: Sampling

District	Sub-District	Male	Female
Alor Setar	Kuala Kedah	50	50
Langkawi	Ayer Hangat	25	25
	Kuah	25	25
Total Respondents		100	100

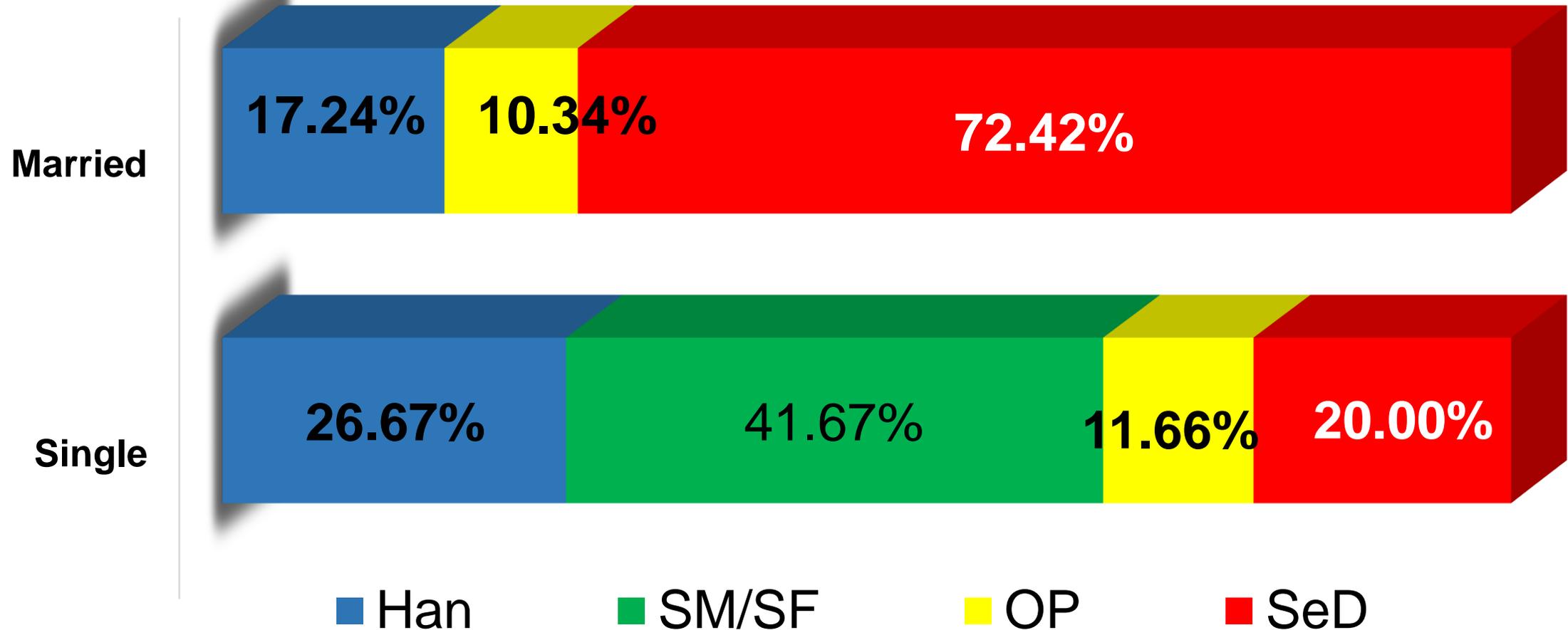
Backgrounds



Sex and VuT ($p < 0.05$)

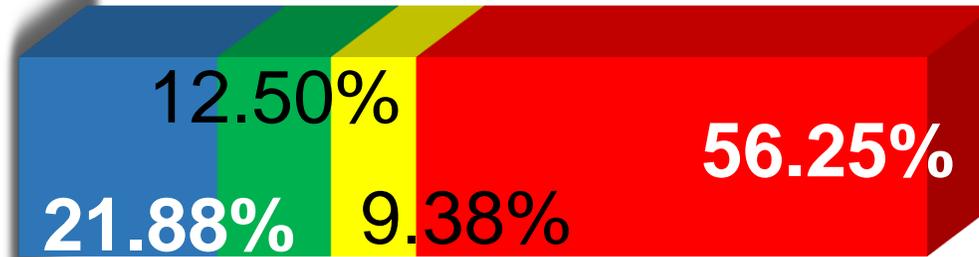


Marital Status and VuT ($p < 0.05$)

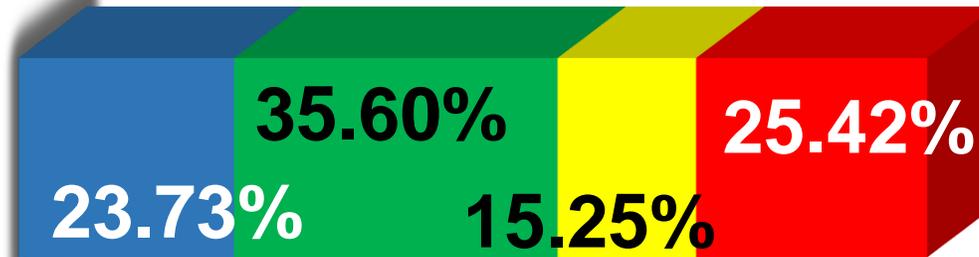


House Ownership and VuT ($p < 0.05$)

No House Ownership



House Ownership



■ Han

■ SM/SF

■ OP

■ SeD

Conclusion

- ❑ mean age=53 years old (approaching OP at 60 YO) and mean monthly income=RM927.14 (**below poverty line=RM954**)
- ❑ VuT are significantly ($p<0.05$) **associated with sex, marital status and house ownership**
- ❑ Something to ponder whether majority of marriage among VCM are **unhappy marriage**. In long term unhappy marriage may cause emotional stress (Choi and Marks, 2008); then stress may cause someone vulnerable to disease (Woolston, 2017; and Robles et al., 2003)