



LTCcovid Workshop

Does informal care compensate formal care as a consequence of COVID-19?

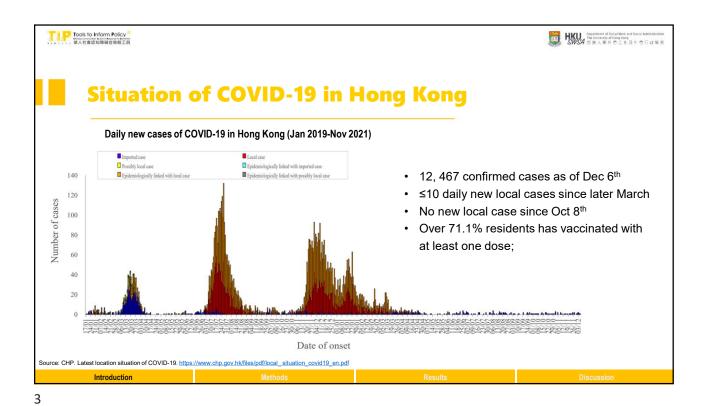
A cross-sectional study on service utilisation among community-dwelling people living with dementia in Hong Kong during the post-pandemic period

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Department of Social Work and Social Administration The University of Hong Kong

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**New normal" life with strict prevention and control measures of COVID-19

* Healthcare and social care services have been resumed

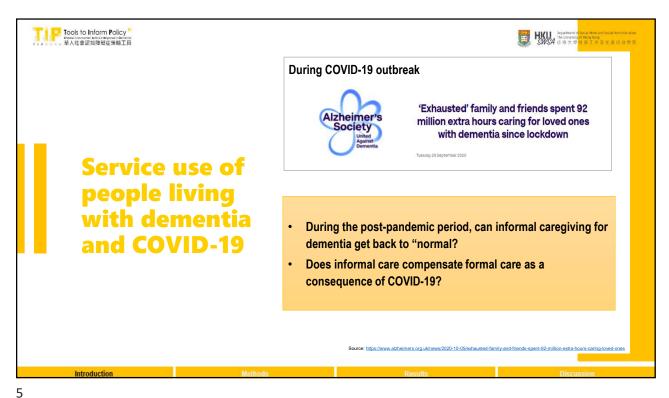
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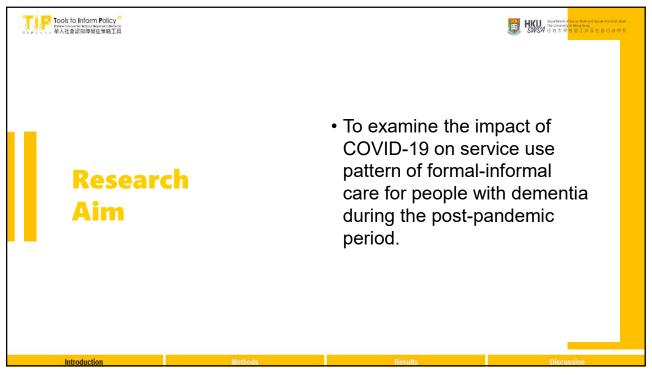
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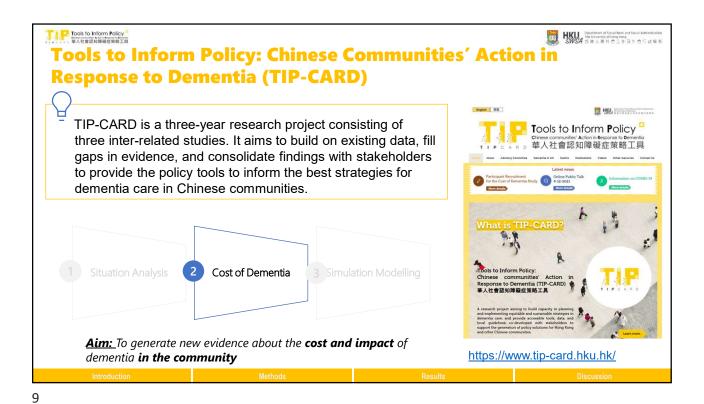




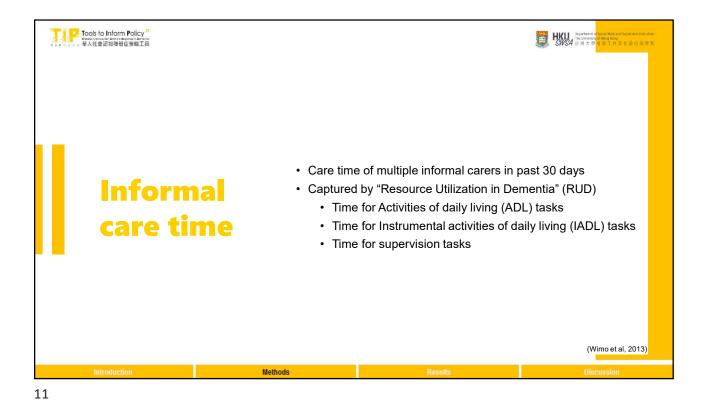
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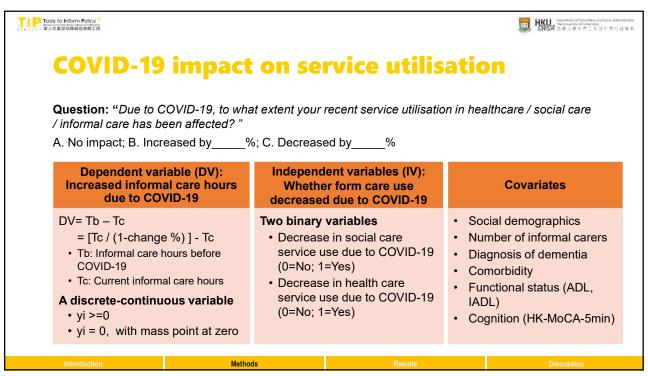
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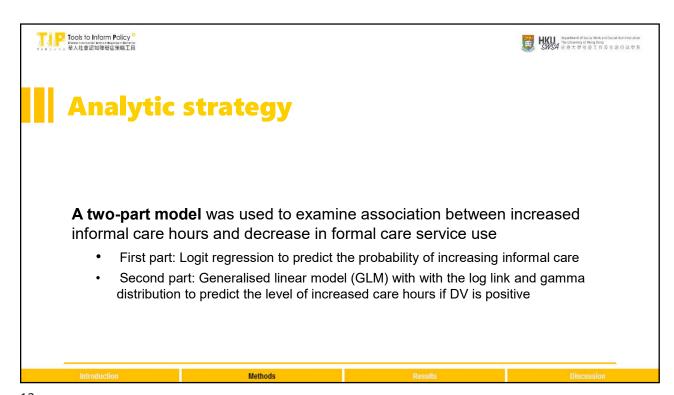
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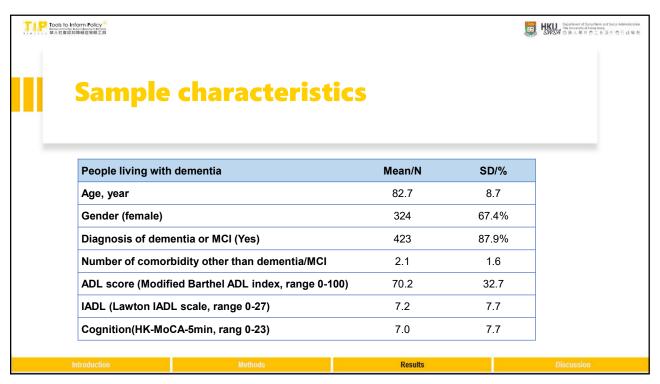


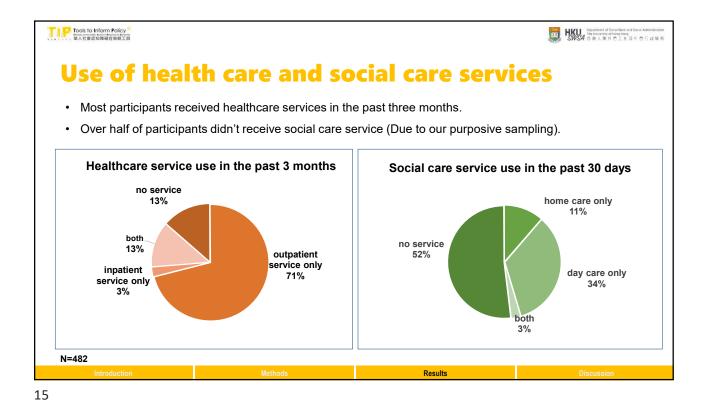












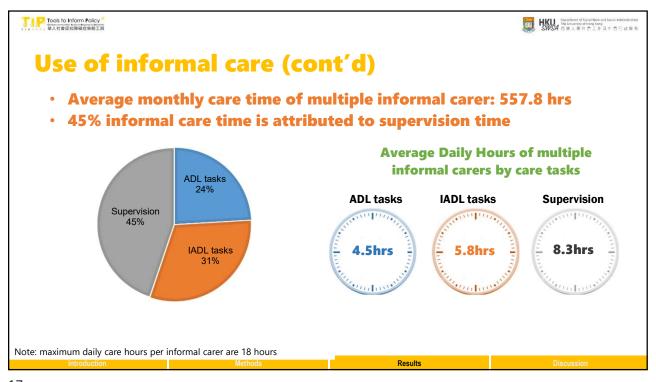
Tools to Inform Policy

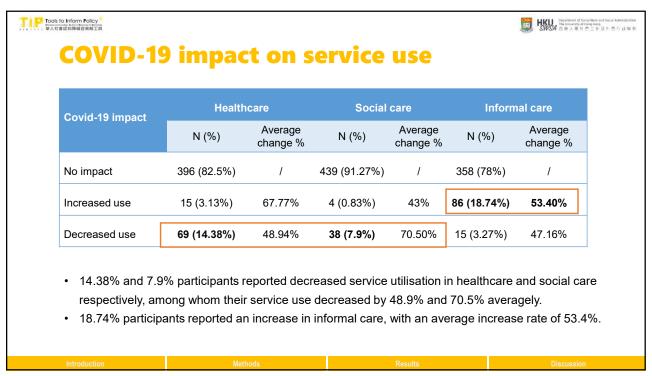
The State State of the State of PROPERTY OF Social Week and Social Administration the University of Hong Rong
WSA 西海人県社の工作及社の行政保証 **Use of informal care** · Over one-third participants have more Over half participants have more than one than one main informal carer informal carer Two main carers Two informal carers and above, 37% and above 57.2% One informal carer 39.1%

One main

16

No informal carer 3.7%







		Logit (n=418)		GLM (n=79)	
		OR	SE	β	SE
Decrease in social care service use due to COVID-19 (ref.=no decrease)		7.078***	2.812	-0.059	0.21
Decrease in healthcare service use due to COVID-19 (ref.=no decrease)		3.125***	1.014	-0.372	1.31
Gender (ref.=male)		0.861	0.251	0.207	0.75
Age		1.010	0.016	0.011	0.89
Number of informal carer		0.967	0.104	0.253**	3.16
Dementia diagnosis		0.586	0.252	-0.714	1.61
Number of comorbidity		0.901	0.081	-0.050	0.64
ADL score		1.003	0.005	0.001	0.22
IADL score		0.987	0.025	-0.066**	2.96
MoCA-5min score		1.002	0.023	0.013	4.25
Introduction		Methods			Results

- The logit model showed those who reported a decrease in formal care service use had a higher likelihood of receiving additional informal care (Social care, OR: 7.1; Health care, OR: 3.1)
- The GLM showed those with more informal carers or with more IADL needs received higher level of increased informal care hours.

Notes: SE, standard error; GLM, generalised linear model; Participants who reported an decrease in informal care due to COVID-19 were not included in this analysis (n=15); * p<0.05, ** p<0.01, *** p<0.001

Discounted

19







Discussion

Changes in service use pattern of formal care due to COVID-19 is related to that of informal care.

Informal care may be invoked as a compensatory mechanism for the reduced formal care, while increased informal care hours is dependent on the availability of family carers and care needs.

In the post-pandemic period, long-term care policy should consider the impact of COVID-19 on formal-informal care relationship.

ntroduction Methods Results Discussion

