

Supplementary Material

Remoteness, models of primary care and inequity: Medicare under-expenditure in the Northern Territory

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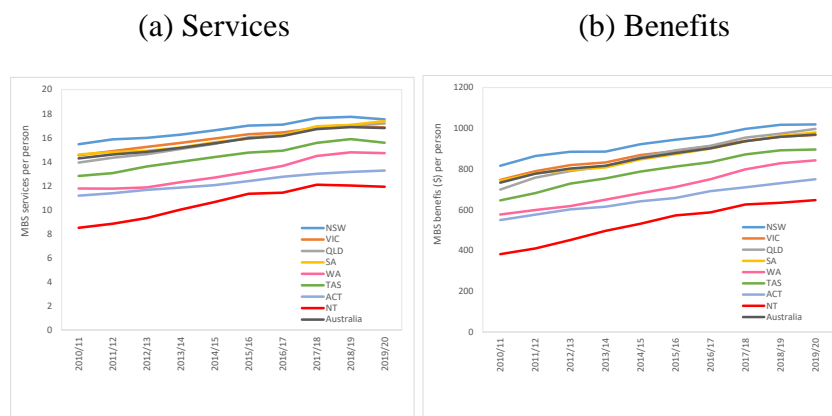
Supplementary material

Table S1. Multilevel modelling of Indigenous impact on MBS utilisation adjusting for age, sex remoteness and year, Australia, 2010/11 to 2019/20

<u>MBS Benefits</u> (\$'000)	Separate models	Structural equations indirect model	Multilevel direct model	
			Fixed effect	Random effect
Sex	225.4 **	246.8 **	220.7 **	221.0 **
Year	24.2 **	27.6 **	23.4 **	23.5 **
				-
Ind prop	0.7	-767.9 **	-530.9 **	1040.9 **
Age	21.9 **	7.1 **		
Constant	-103.5 **	393.5 **	894.2 **	895.7 **
<u>Age (years)</u>				
MBS (\$'000)	31.7 **	31.3		
Sex	-6.8 **	-6.6 **		
Ind prop	-91.2 **	-91.3 **		
Constant	12.9 **	13.3 **		
<u>Ind prop (%)</u>				
Remoteness	3.4 **	3.4 **		
Constant	-16.4 **	-16.4 **		

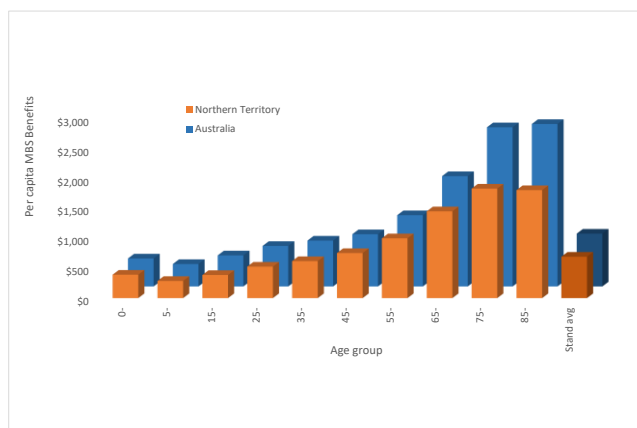
Notes: Ind prop = Indigenous population proportion; MBS = Medicare Benefits Schedule. Year 0 = 2010/11.

Figure S1. MBS services and benefits per person by state and year, Australia, from 2010/11 to 2019/20



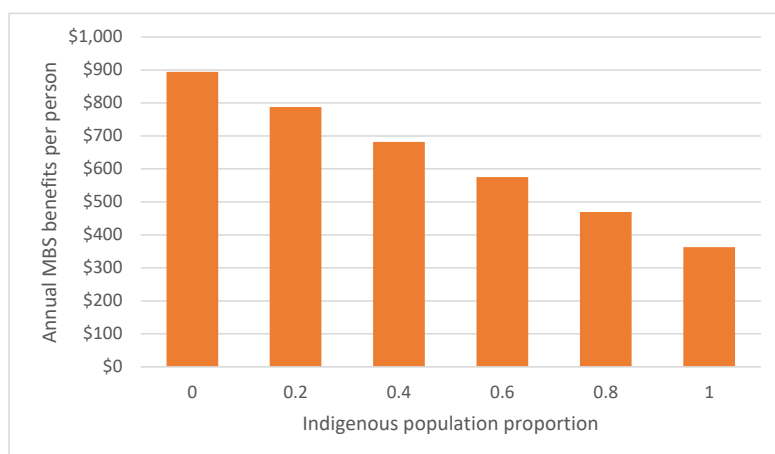
Notes: MBS = Medicare Benefits Schedule. ACT = Australian Capital Territory, NSW = New South Wales, NT = Northern Territory, QLD = Queensland, SA = South Australia, TAS = Tasmania, VIC = Victoria, WA = Western Australia.

Figure S2. Average MBS benefits per person by age groups, Northern Territory vs Australia, 2019/20



Notes: MBS = Medicare Benefits Schedule. Stand avg = Age standardised average based on Australian estimated resident population in 2001.

Figure S3. Estimated annual average MBS benefits per person by proportion of Indigenous population, Australia, 2010/11- 2019/20



Note: MBS = Medicare Benefits Schedule.