



Collecting evidence of RCS effectiveness: Pilot study

FRAME Outcomes Study Pilot

Background

- Rural Clinical Schools (RCS) focus on rural medical workforce
- Individual universities have reported graduate tracking outcomes
- Potential need for systematic research on effectiveness of the RCS programme as a whole
- **Aim:** determine the association between rural location practice and
 - a) rural origin;
 - b) extended rural clinical placement

Participating universities supplied deidentified data for domestic students (2011 graduates)

Parameter	
Gender	M/F
Rural Origin (parameter 4 of RCTS; 2c of RHMT)	Yes/No
Extended rural clinical placement (parameter 1; 2a)	Yes/No
Postcode of current practice location listed on AHPRA	ASGC (Rural 2-5) MMM (Rural 3-7)

Results

- Data received from 14/15 RCS who agreed to participate
 - Rural origin not available for 2, so excluded from analysis
- Rural Origin and Extended Rural Placement for 12 RCS for 1695 graduates
 - graduates overall ~ 2500
- AHPRA Australian postcodes for 1598 out of 1695 (94.3%)

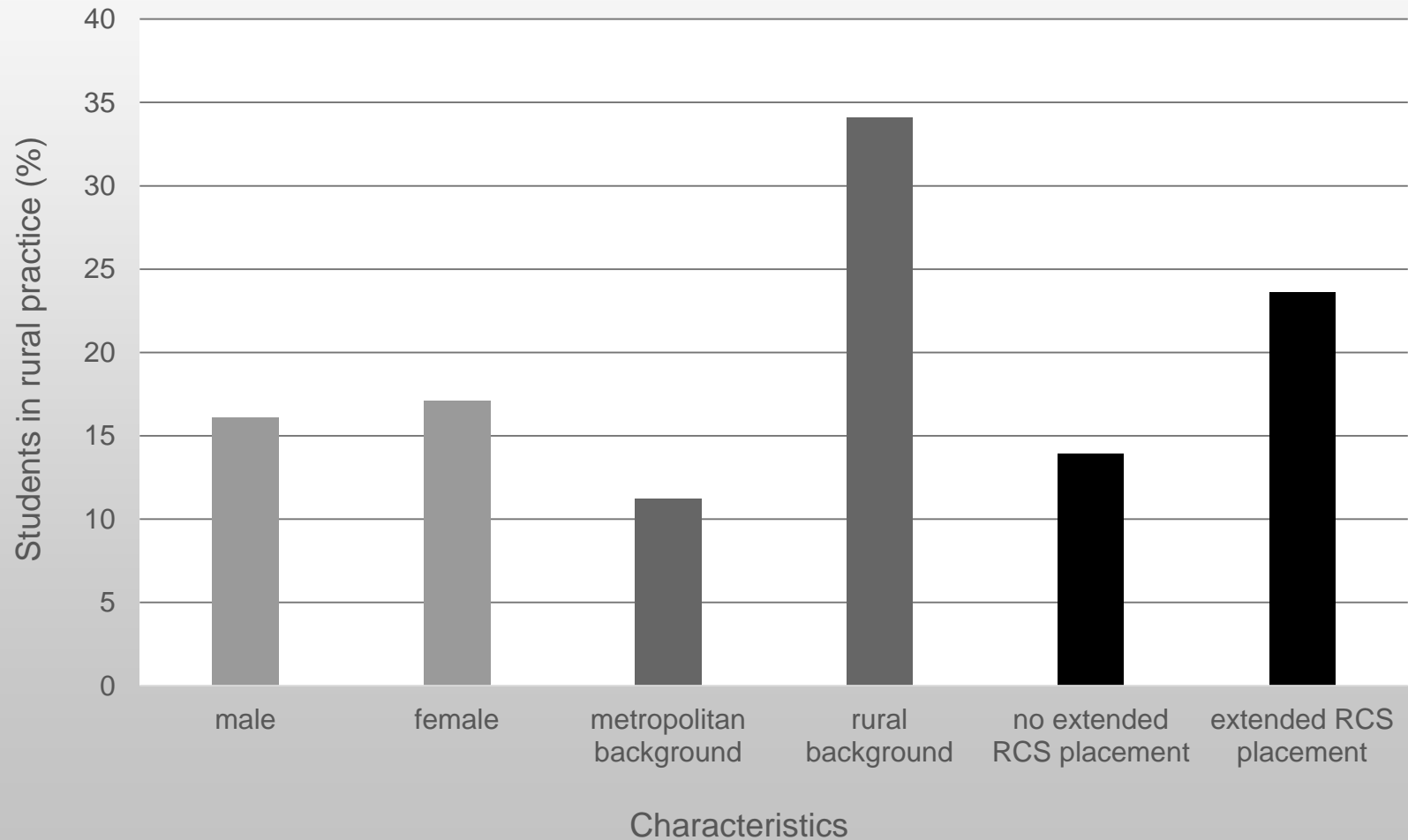
Results

- Rural background 22.3% (range 10-75%)
- Extended rural clinical placement 27.6% (12-77%)
- Current AHPRA postcode rural

	All (%)	RCS placement	Non RCS
RA 2-5	16.6 (6-56)	23.6	13.9
MMM 3-7	8.3 (5-30)	15.5	5.4

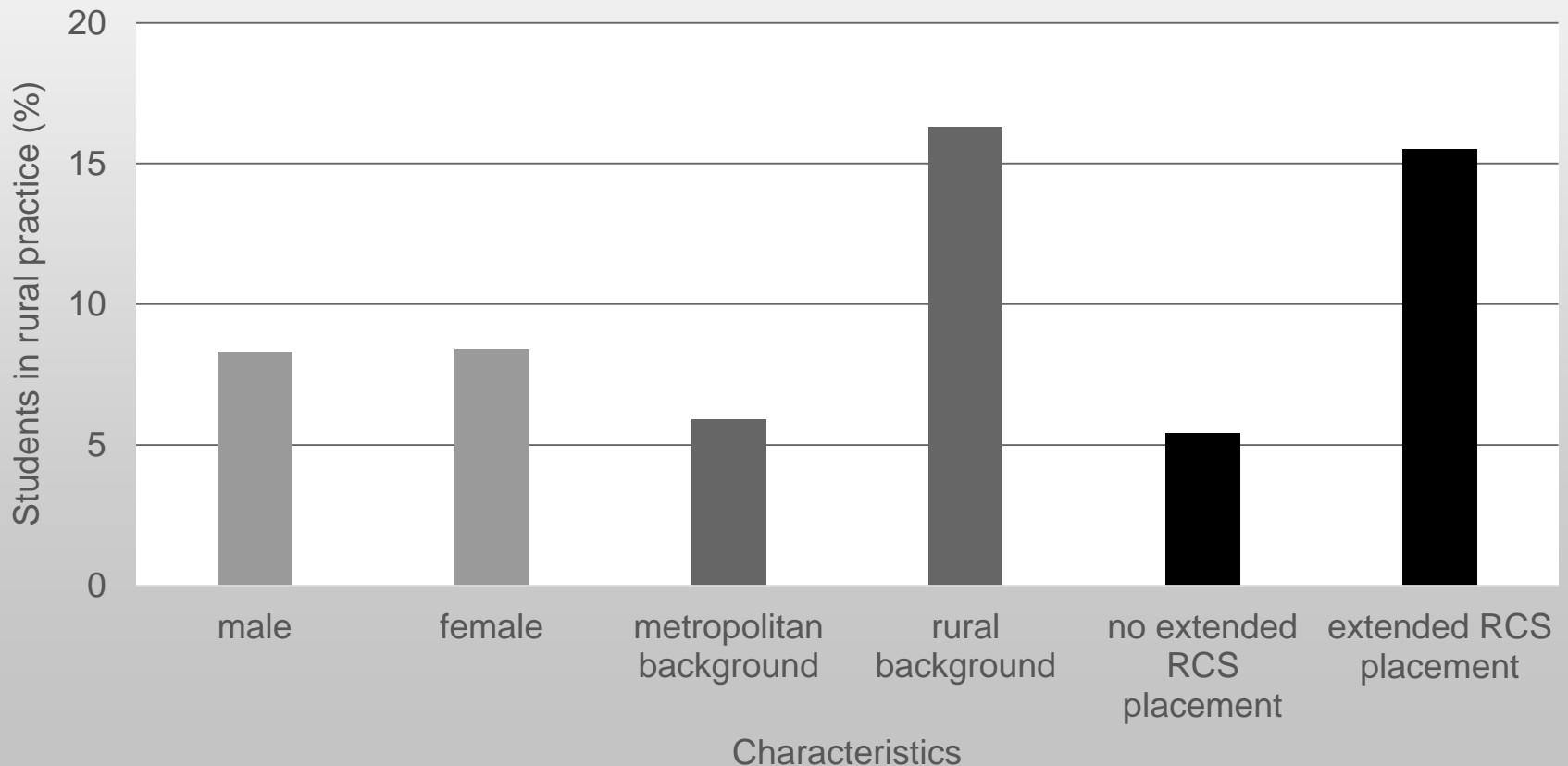
p < 0.001 for both

Results - ASGC



Results - MMM

- 8.3% were listed as practicing in rural areas (MMM) (range of 5-30%)



Results and Discussion

Likelihood of rural practice location

	Odds ratio	
	AGSC	MMM
Rural background	4.1	3.1
Extended RCS placement (RCS)	1.9	3.2
RCS (controlled for rural origin)	1.6	2.7

- 2011 MSOD survey - 15.7% of 2011 graduates had non-urban future practice intentions as their first preference (Medical Deans 2015)
- Current study - 16.6% of 2011 grads were practicing in rural areas

Discussion Points

- Pilot study
 - Publication
 - Presentation of data – level of detail
 - Incorporation of MMM and ASGC- RA
- Full study
 - Another year or years
 - Ten year follow up
 - Ethics may only require an amendment
 - Ease of data collection
 - International students