

Can you
evaluate

EVALUATING A MISSION STATEMENT THROUGH USE OF QUANTITATIVE DATA ?

the Academic Development Programme

University of Cape Town

Riashna Sithaldeen¹, J Henry², E van Pletzen¹

¹Academic Development Programme, CHED, UCT

²Institutional Planning and Development, UCT

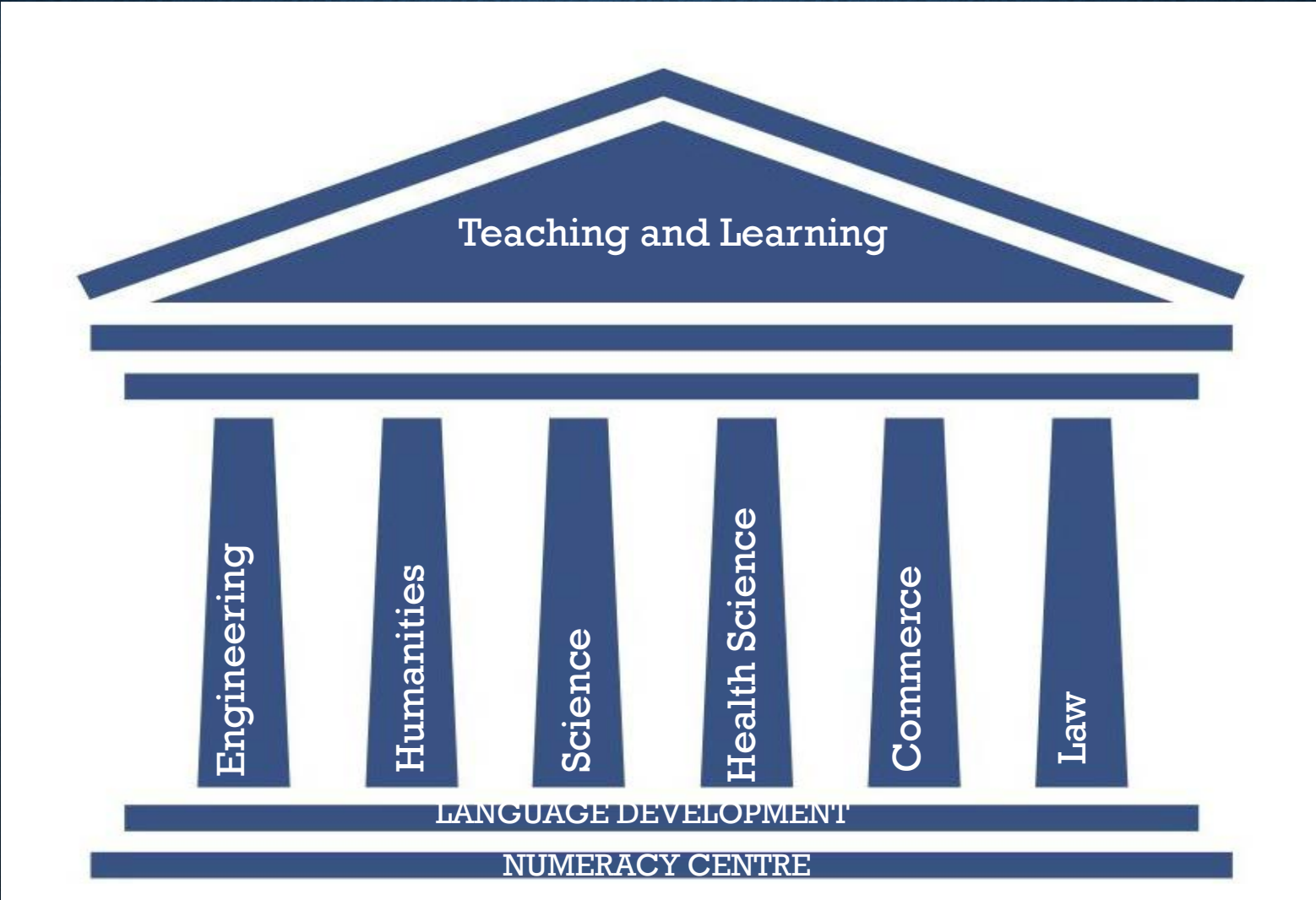


MISSION STATEMENT

- The Academic Development Programme (ADP) at the University of Cape Town has a mission “to promote transformation of institutional culture by developing, implementing and disseminating educational strategies that foster **equity of access and outcomes.**”



ACADEMIC DEVELOPMENT PROGRAMME AT UCT



ACADEMIC DEVELOPMENT PROGRAMME

- ADP runs individual courses as well as full programmes
- Has multiple access streams
- Targets resources at black or disadvantaged students



OBJECTIVES

1. To produce a demographic profile of UCT students registered at the university in the year 2017 who were enrolled in ADP programmes or courses. **WHO ARE OUR STUDENTS?**
2. To assess the demographic profile of a sub-set of UCT students registered at the university in the year 2017 who had entered the university through the Academic Development Programme with admission point scores lower than the faculties' standard minimum scores for admission.

DOES OUR ALTERNATIVE ADMISSIONS GET MORE BLACK STUDENTS INTO UCT?

3. To identify performance trends (progress and completion rates) of cohorts of students identified in 1) and 2) above, compared with performance trends of students in comparable control groups.

DO OUR INTERVENTIONS CLOSE THE PERFORMANCE GAP?

4. To assess the contribution of ADP to the number of Black South African graduates (category used inclusively) in Commercial, Engineering and Health professions who have qualified in the past ten years (up to the end of 2017). **ARE WE PRODUCING MORE BLACK GRADUATES?**
5. To assess the contribution of ADP to the total number of Black South African postgraduate students (category used inclusively) who have qualified in the past ten years (up to the end of 2017).

ARE WE CONTRIBUTING TO TRANSFORMATION OF PROFESSIONAL LANDSCAPES?



WHO ARE OUR STUDENTS?

Population:

All 2017 registered students registered in an ADP course or programme (past or present)

WHO ARE OUR STUDENTS? (2017)

Gender composition



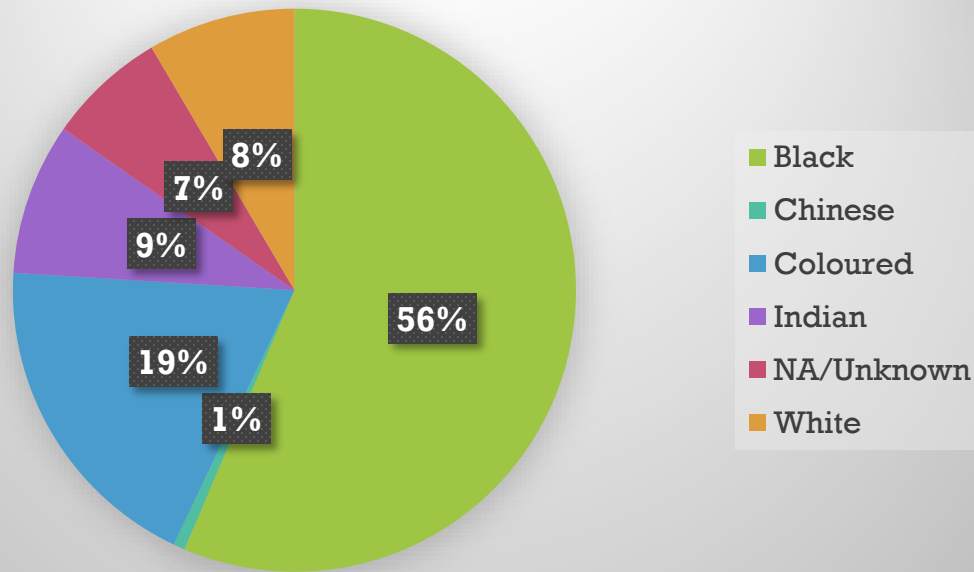
F M T

Schools



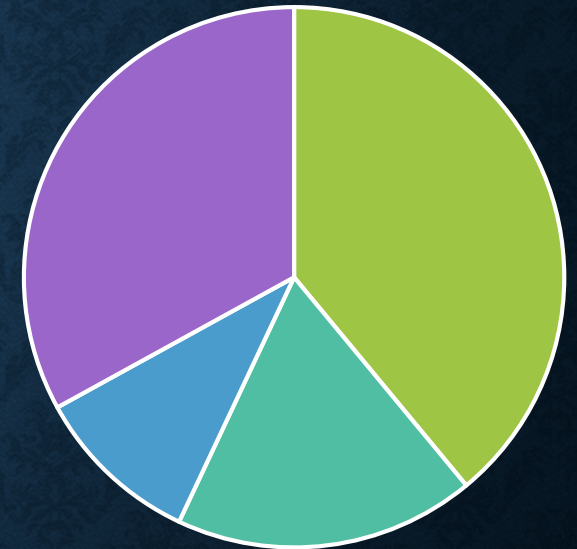
1 2 3 4 5

Population representation



Black
Chinese
Coloured
Indian
NA/Unknown
White

Language representation



English IsiXhosa Isizulu Other

TOTAL: 4676, 87% SA Citizens, 40% Financial aid



DOES OUR ALTERNATIVE ADMISSIONS GET MORE BLACK STUDENTS INTO UCT?

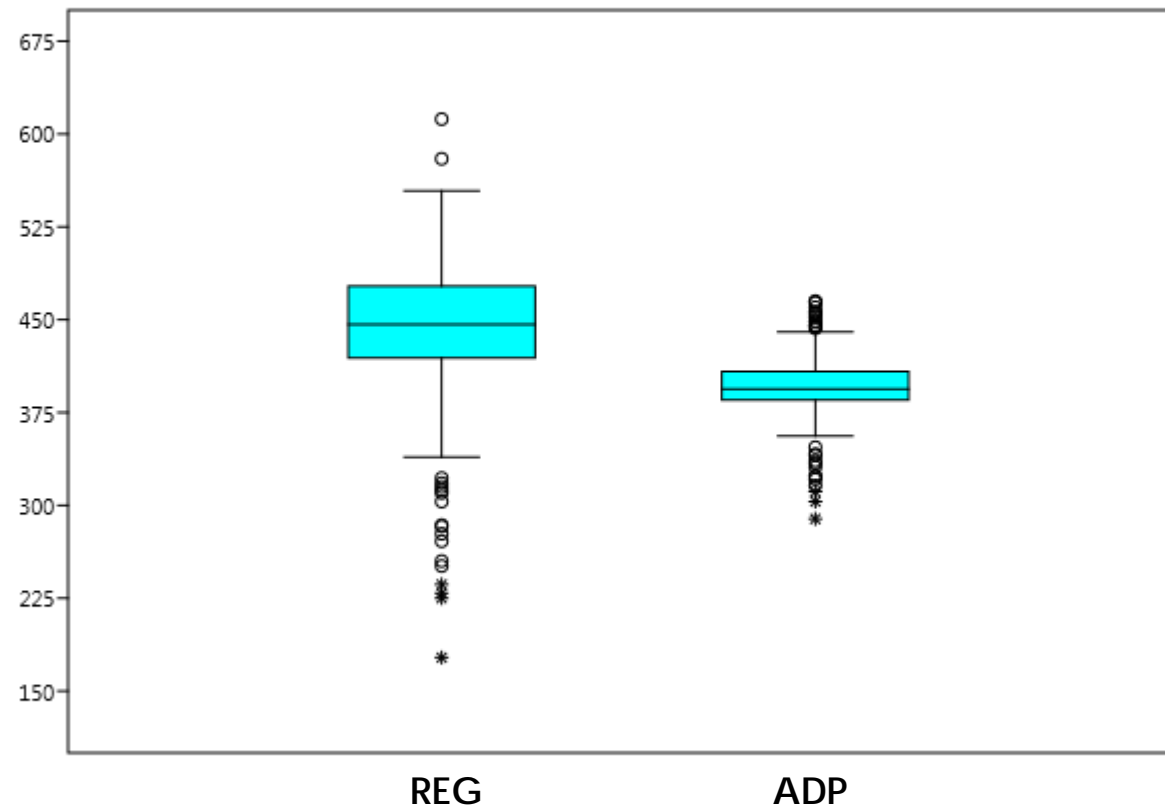
Population:

All students registered in one faculty with an alternative admissions programme in 2017

ALTERNATIVE ADMISSIONS

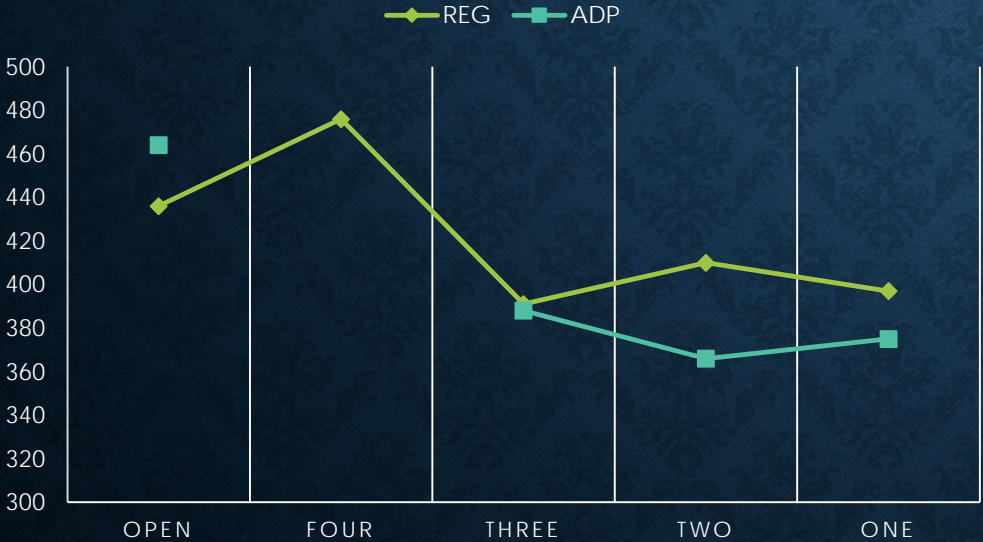
	MAIN	ADP
Mean	446.8109	396.3551
Standard Error	1.712563	1.556055
Median	446	394
Mode	414	381
Standard Deviation	48.07394	25.85113
Sample Variance	2311.104	668.2807
Range	435	176
Minimum	177	289
Maximum	612	465
Count	788	276

Distribution of faculty scores for 2 groups entering faculty X

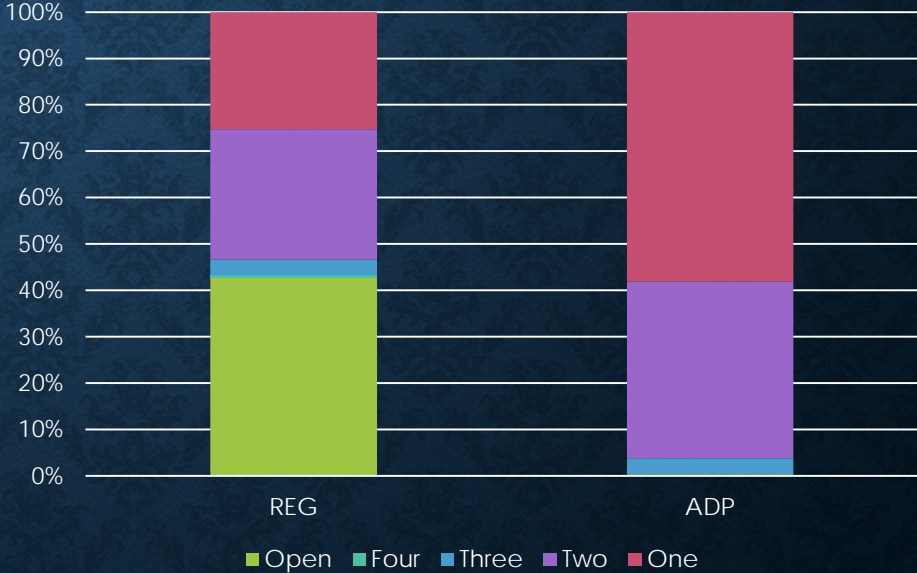


DOES OUR ALTERNATIVE ADMISSIONS GET MORE BLACK STUDENTS INTO UCT?

AVERAGE FACULTY SCORES BY REDRESS CATEGORY



Redress categories in 2 groups





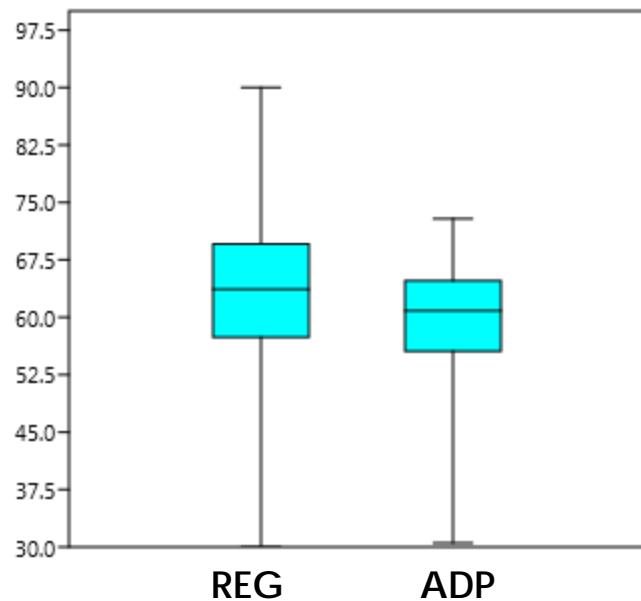
DO OUR INTERVENTIONS CLOSE THE PERFORMANCE GAP?

Population:

All students registered in one faculty with an alternative admissions programme in 2017

GRADE POINT AVERAGE COMPARISONS

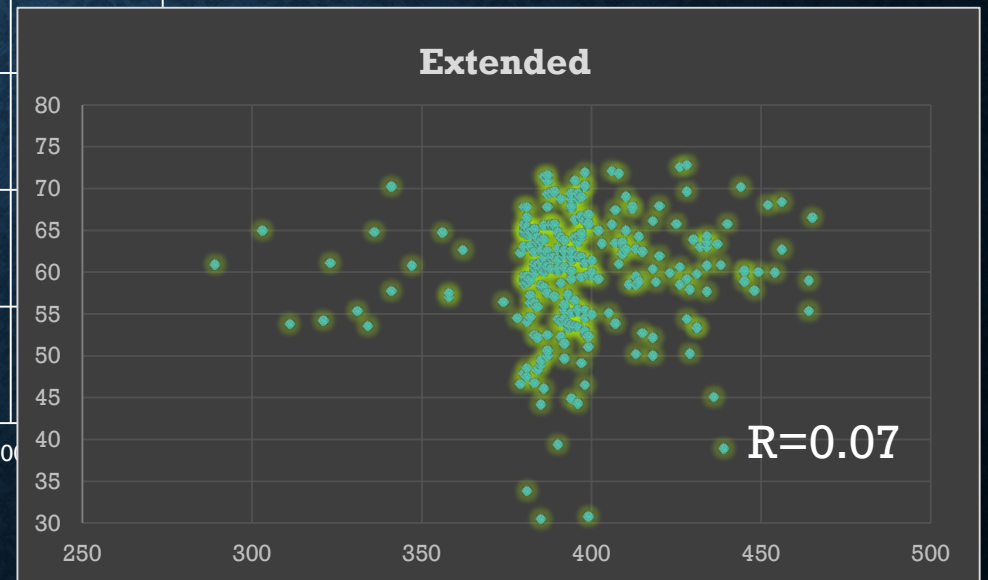
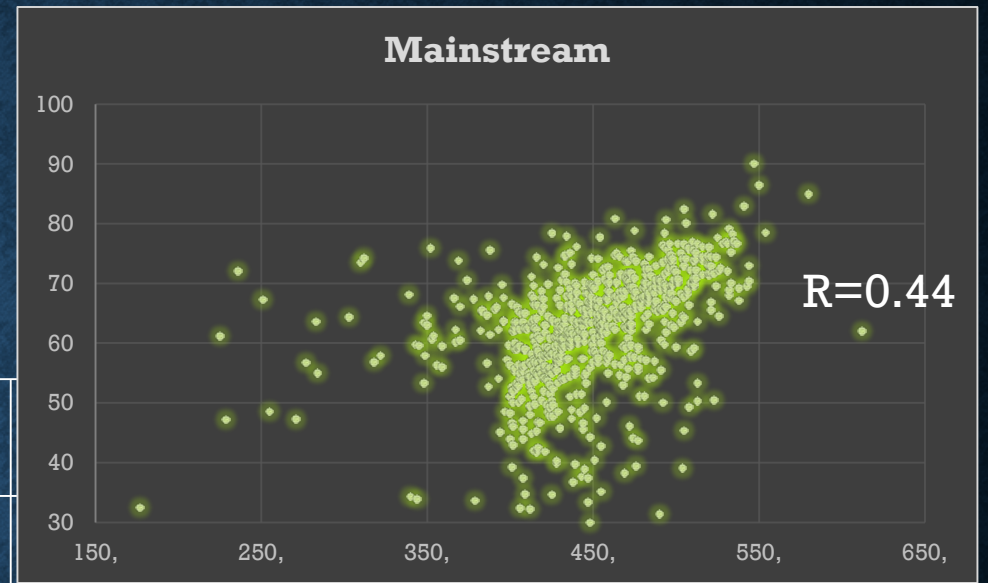
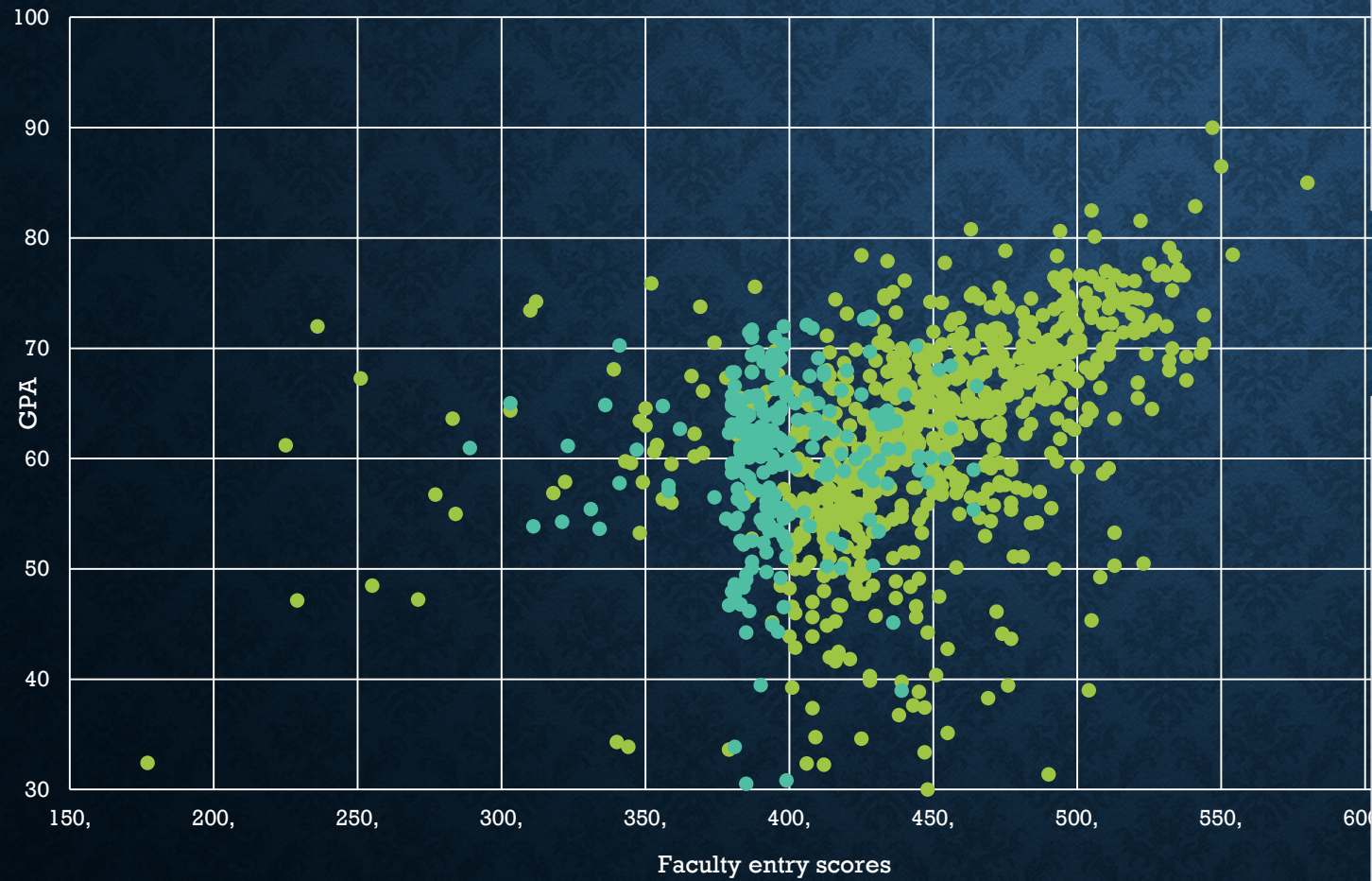
Distribution of GPAs for 2 groups in faculty X at the end of 2017




	Mainstream	ADP
average	63	60
variance	90	50

- F test: unequal variance
- T test: significantly different

PAST VS PRESENT PERFORMANCE





ARE WE PRODUCING MORE BLACK GRADUATES?

Population:

Graduates from 2013-2017 all faculties coded as ADP

GRADUATION RATES

	% Black graduates across UCT	% ADP graduates that are black	% ADP graduates per year	% Black grads from ADP
2013	42	86	7	14
2014	45	92	11	23
2015	52	91	16	29
2016	50	92	16	30
2017	48	93	14	27
AVERAGE	47	91	13	24

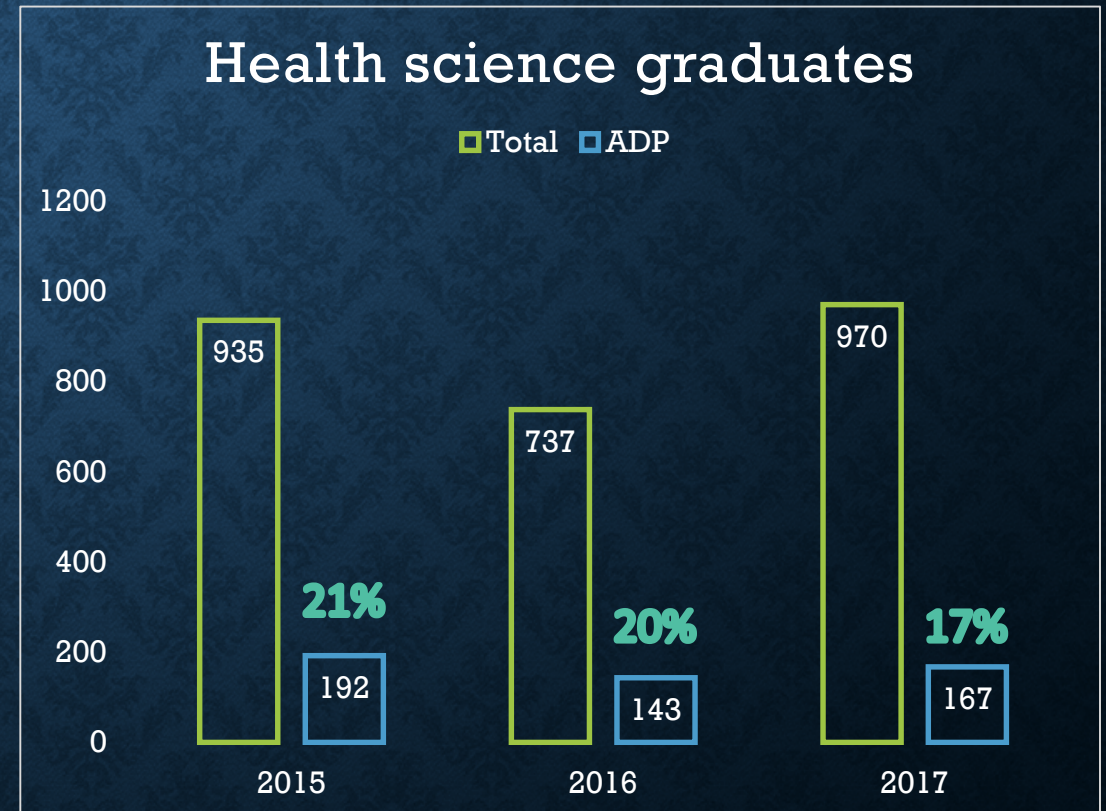
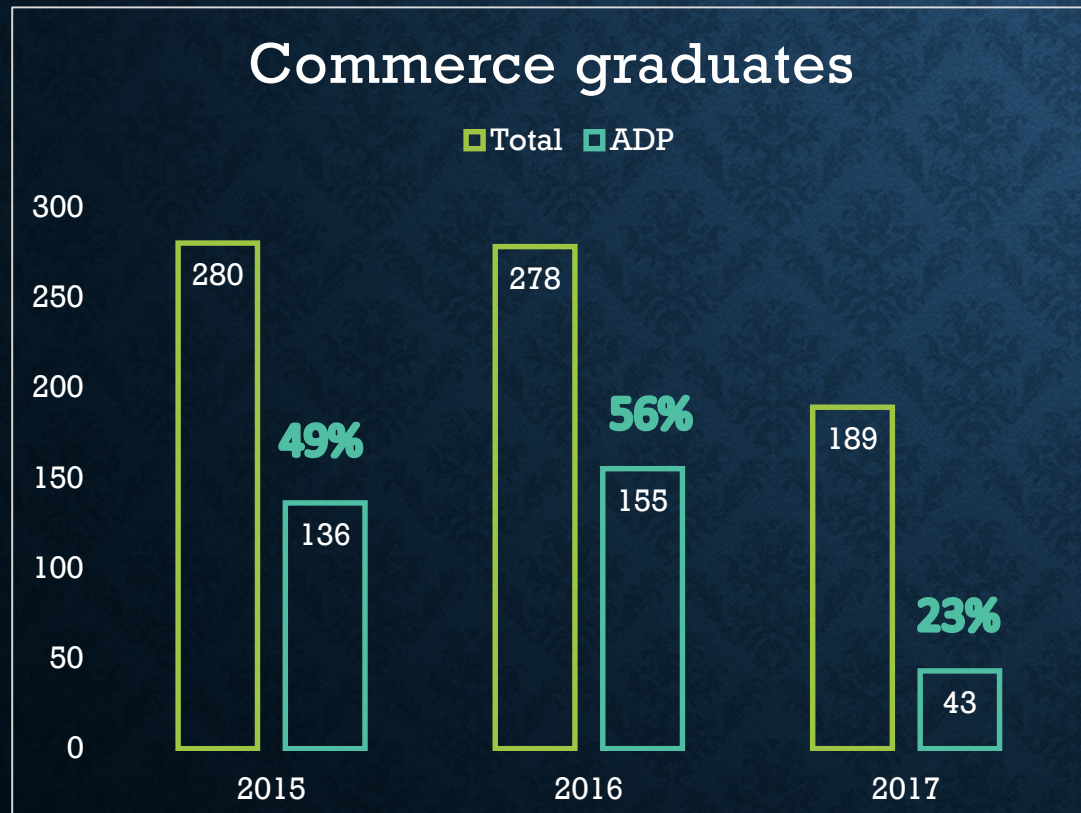


ARE WE CONTRIBUTING TO TRANSFORMATION OF PROFESSIONAL LANDSCAPES?

Population:

Graduates in all commerce and health sciences ADP
programmes, 2015-2017

ARE WE HELPING TO TRANSFORM PROFESSIONAL LANDSCAPES?





CONCLUSIONS

It is possible to evaluate a mission statement using quantitative data

