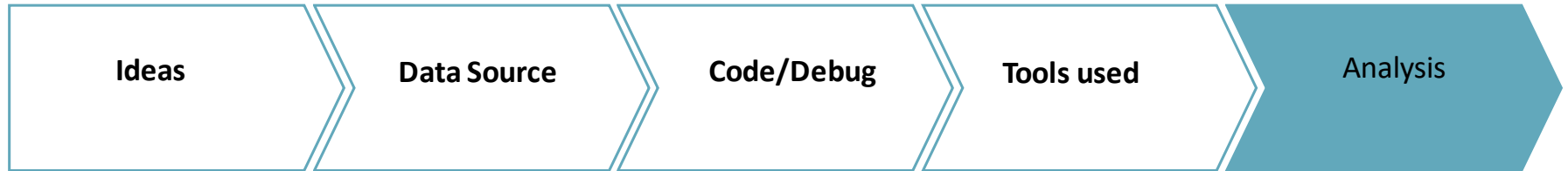




Where to
live in
Melbourne?

Our Journey – Our Story



- Our Team
- Trend Analysis
- Conclusions
- Recommendations
- Lessons Learnt
- Q & A



Benefits of Green Spaces

Improves Mental Health

Green spaces reduce stress, depression and anxiety, and improve mood and self-esteem.

Supports Physical Health

Green spaces encourage physical activity and reduce rates of obesity, heart disease, diabetes and other chronic illnesses.

Cleaner Air

Trees and plants absorb air pollutants like carbon dioxide, sulfur dioxide and nitrogen dioxide.

Mitigates Urban Heat

Shaded green spaces cool the air through evapotranspiration and reduce urban heat island effects.

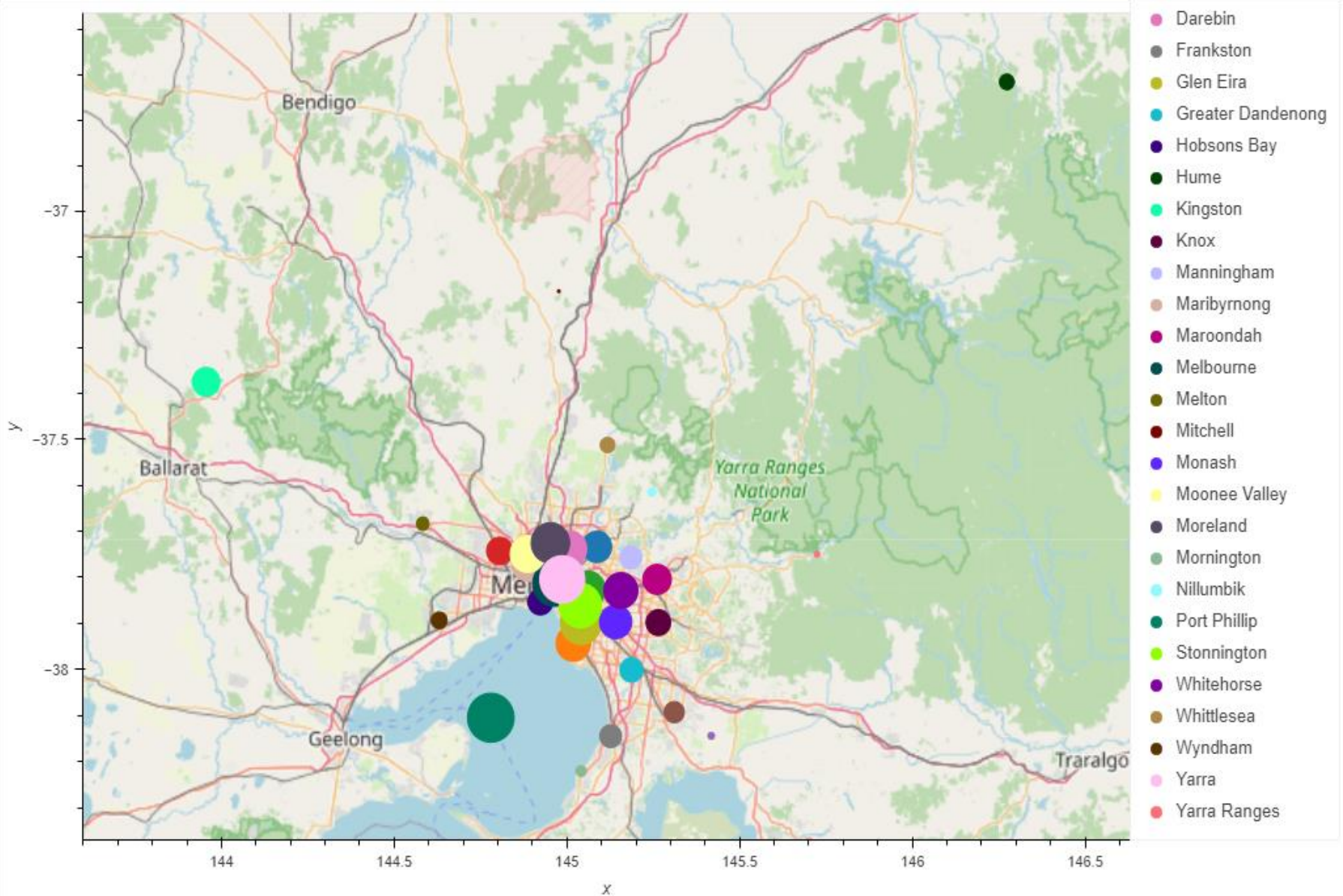
Reduces Noise

Trees, shrubs and other vegetation absorb and block sound.

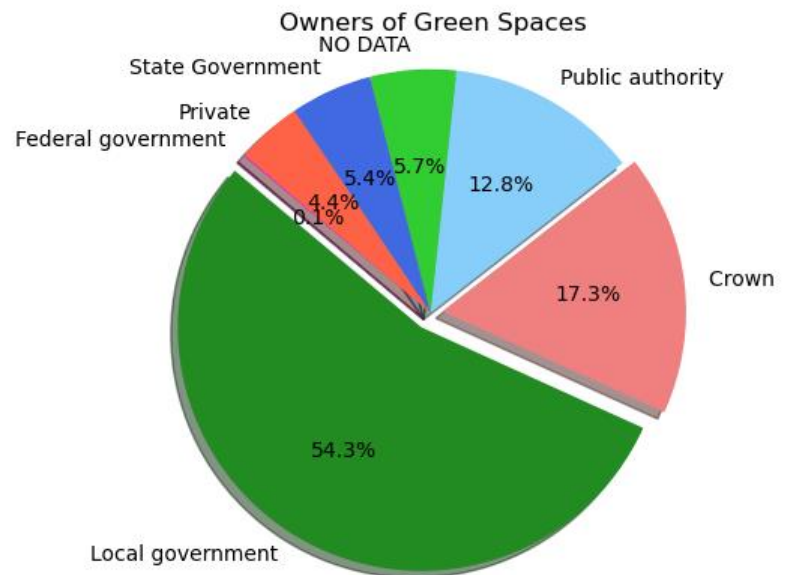
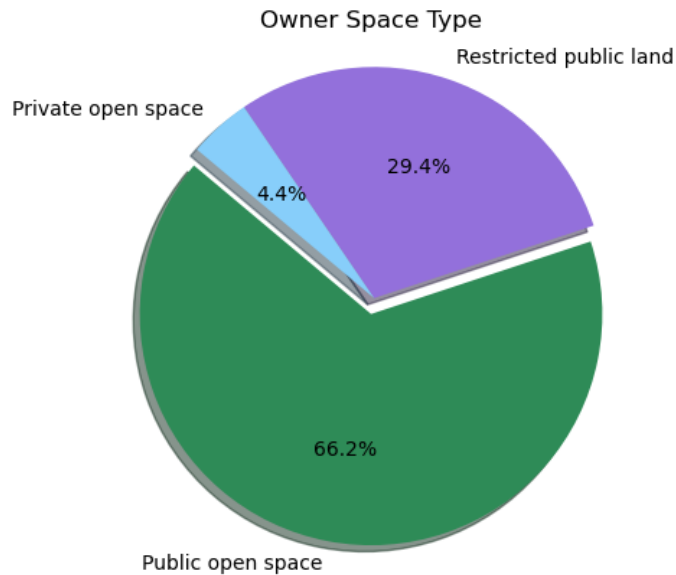
Promotes Biodiversity

Green spaces provide habitat for diverse plants, insects, birds and other wildlife.

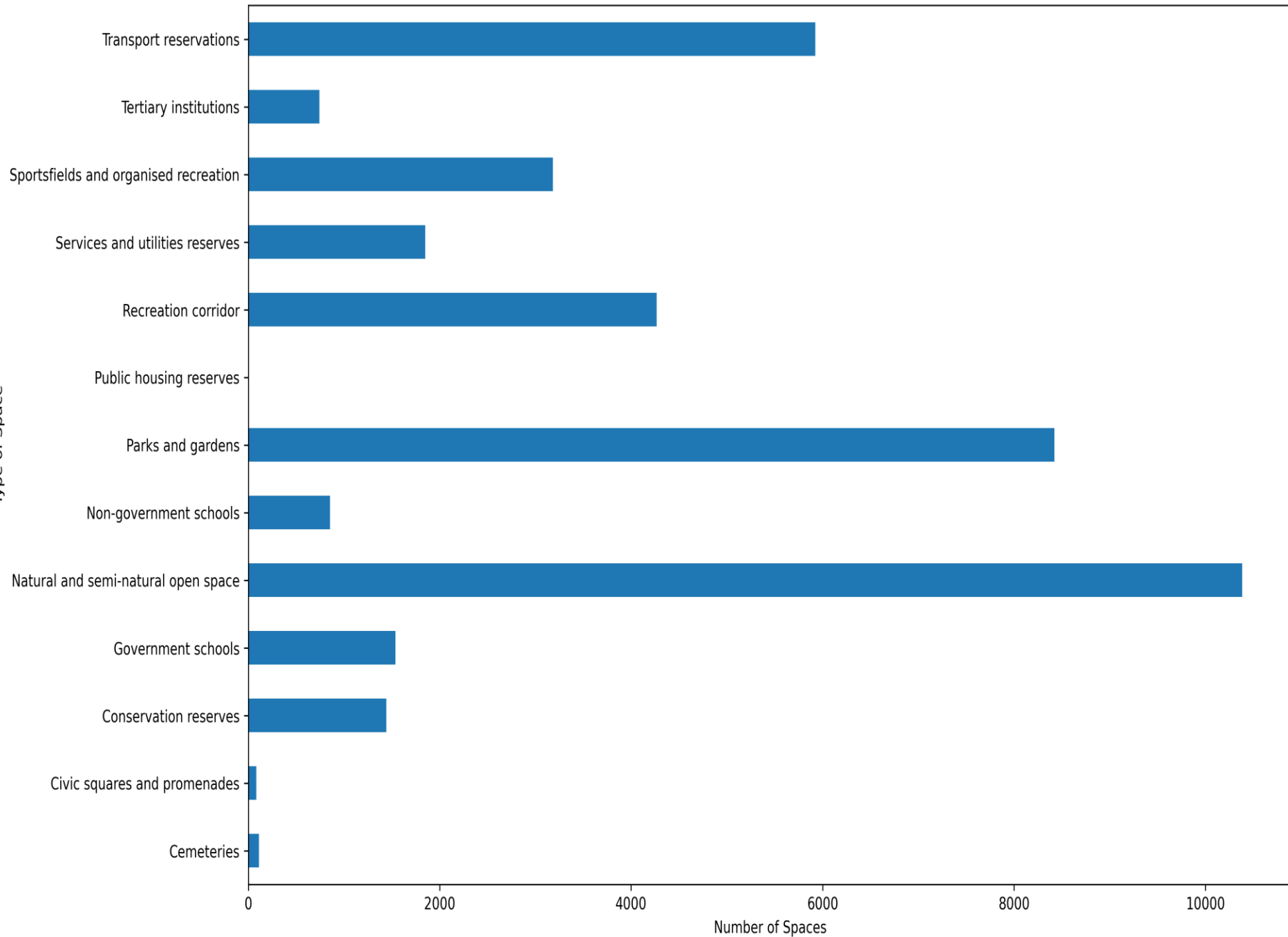
Area of Interest



Breakdown of public spaces

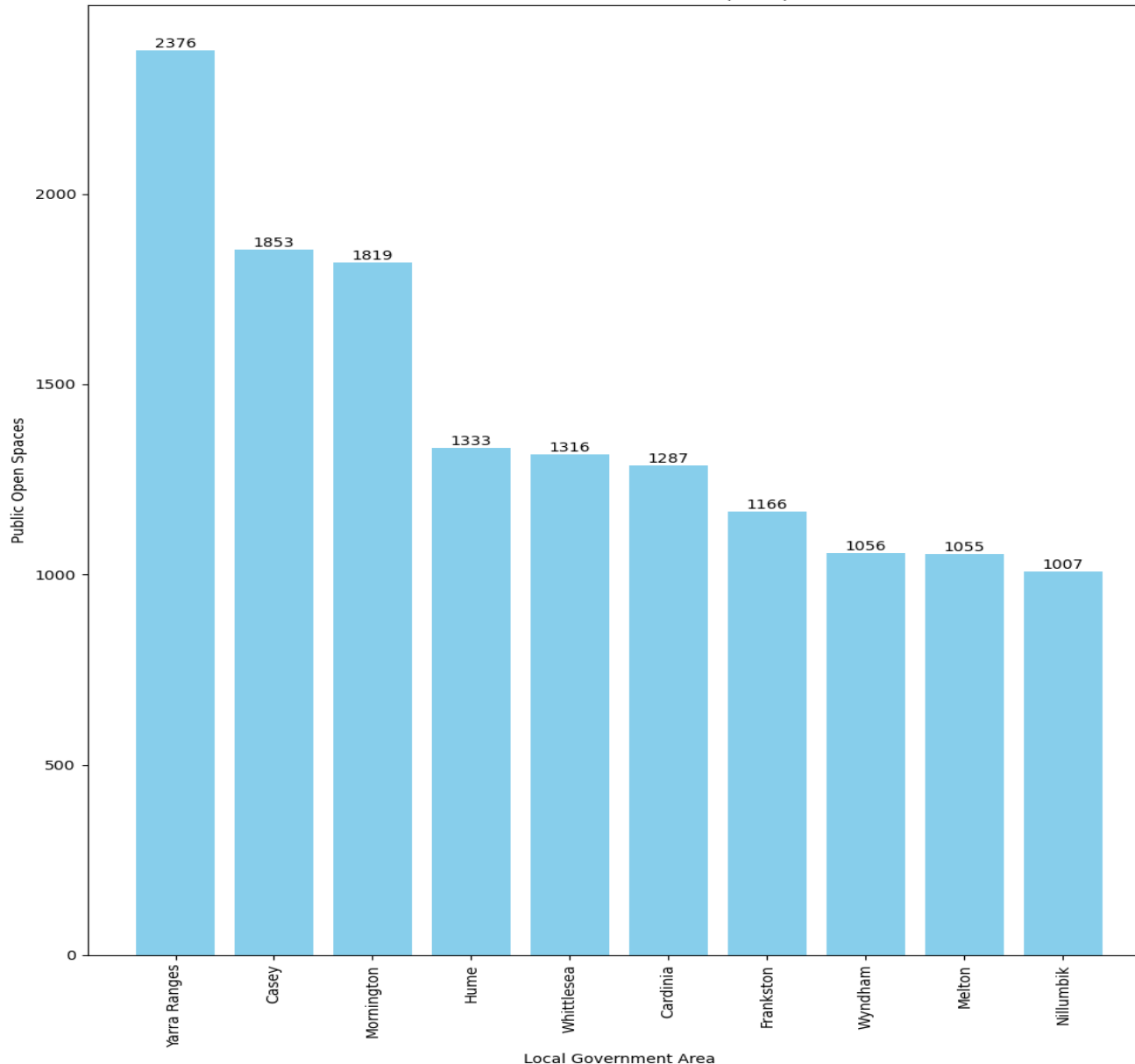


Categories of Open Spaces



Compare LGA and Public Open Spaces

Local Government Area / Public Open Spaces



Top 5:

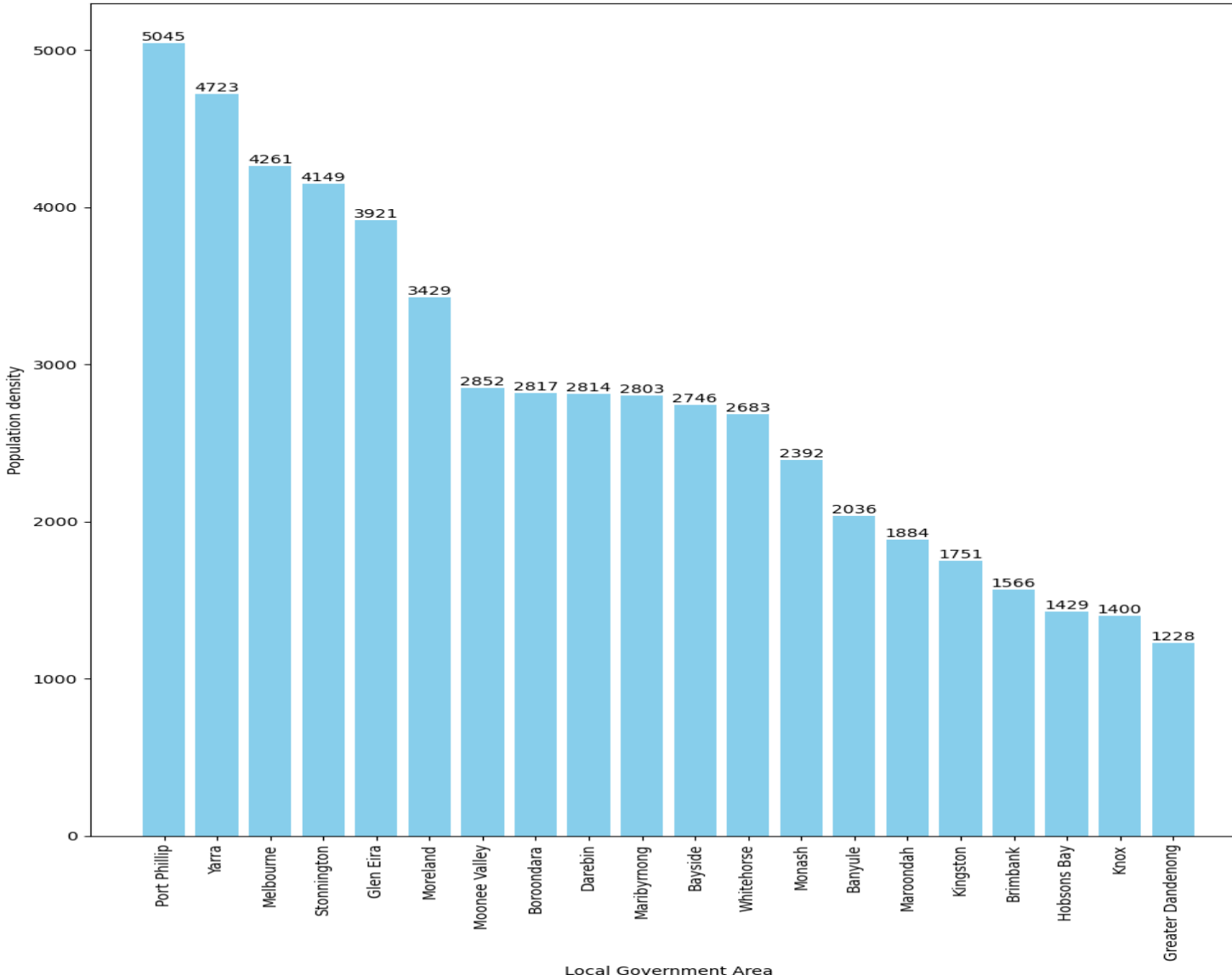
- Yarra Ranges
- Casey
- Mornington
- Hume
- Whittlesea

Bottom 5:

- Mitchell
- Bayside
- Glen Eira
- Stonnington
- Yarra

LGAs and their Population Density

Local Government Area / Population density 2022



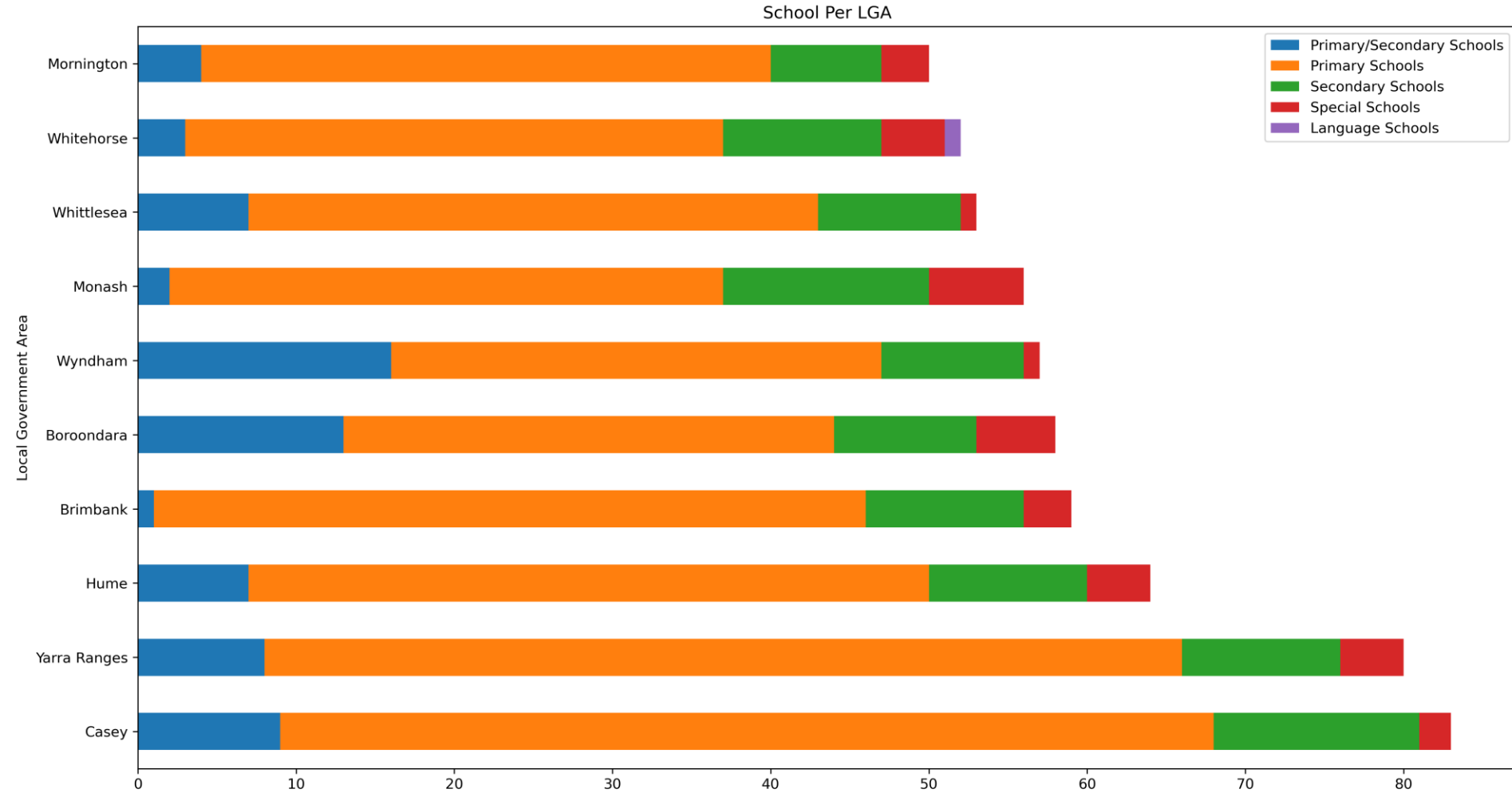
Top 5:

- Port Phillip
- Yarra
- Melbourne
- Stonnington
- Glen Eira

Bottom 5:

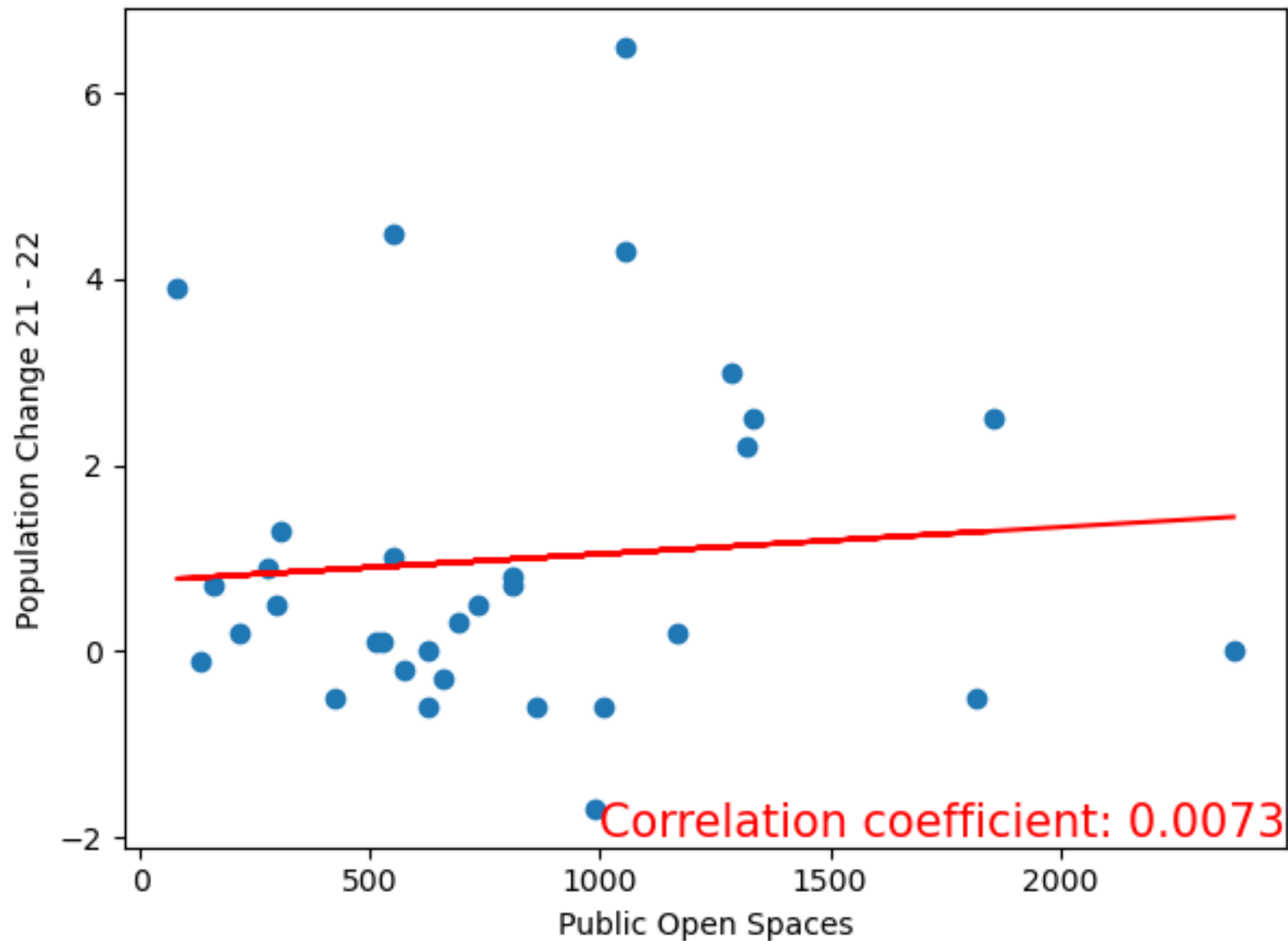
- Mitchell
- Yarra Ranges
- Cardinia
- Nillumbik
- Mornington

Compare LGA and types of schools



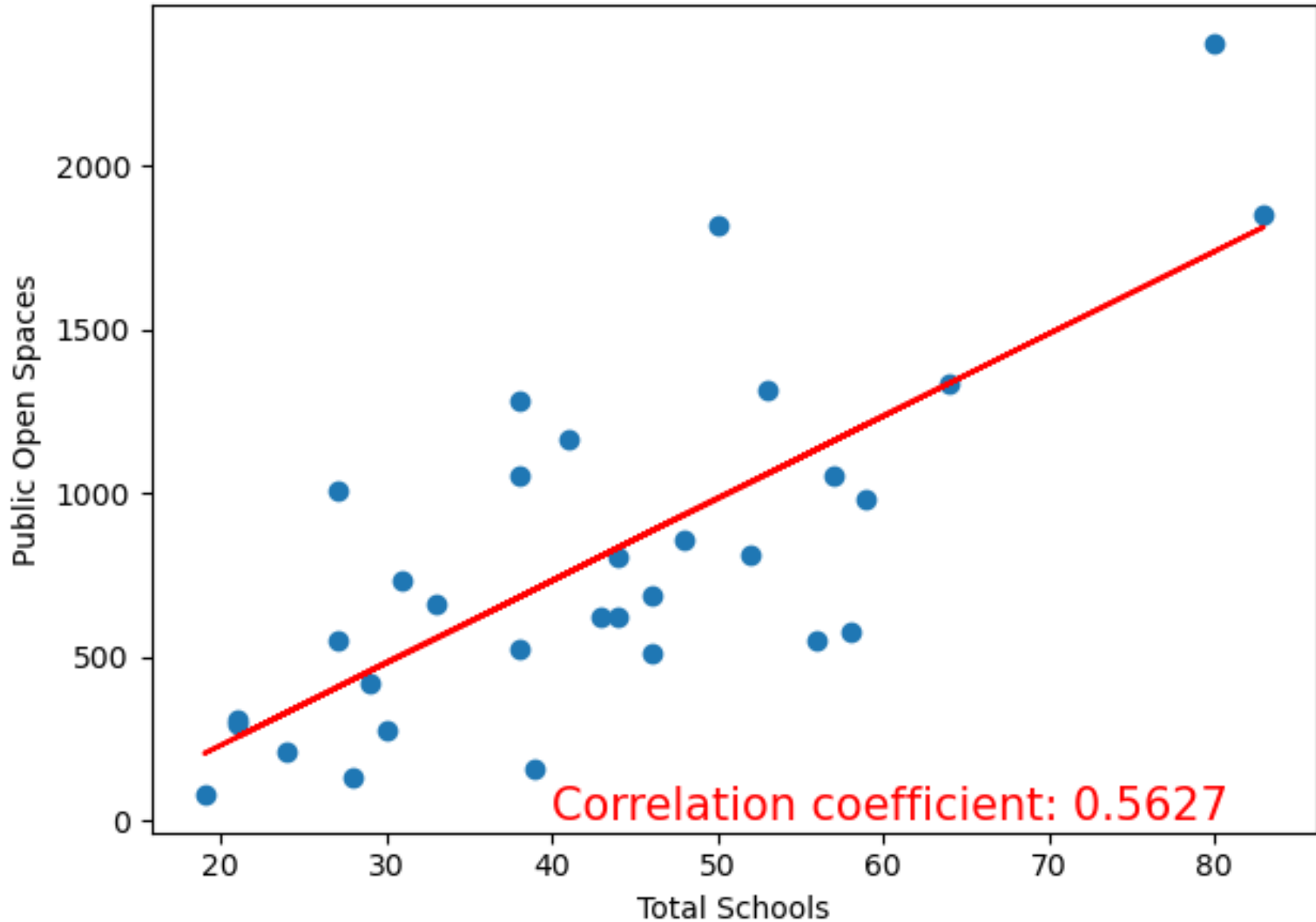
Trend Analysis:

Open Spaces vs Population Change

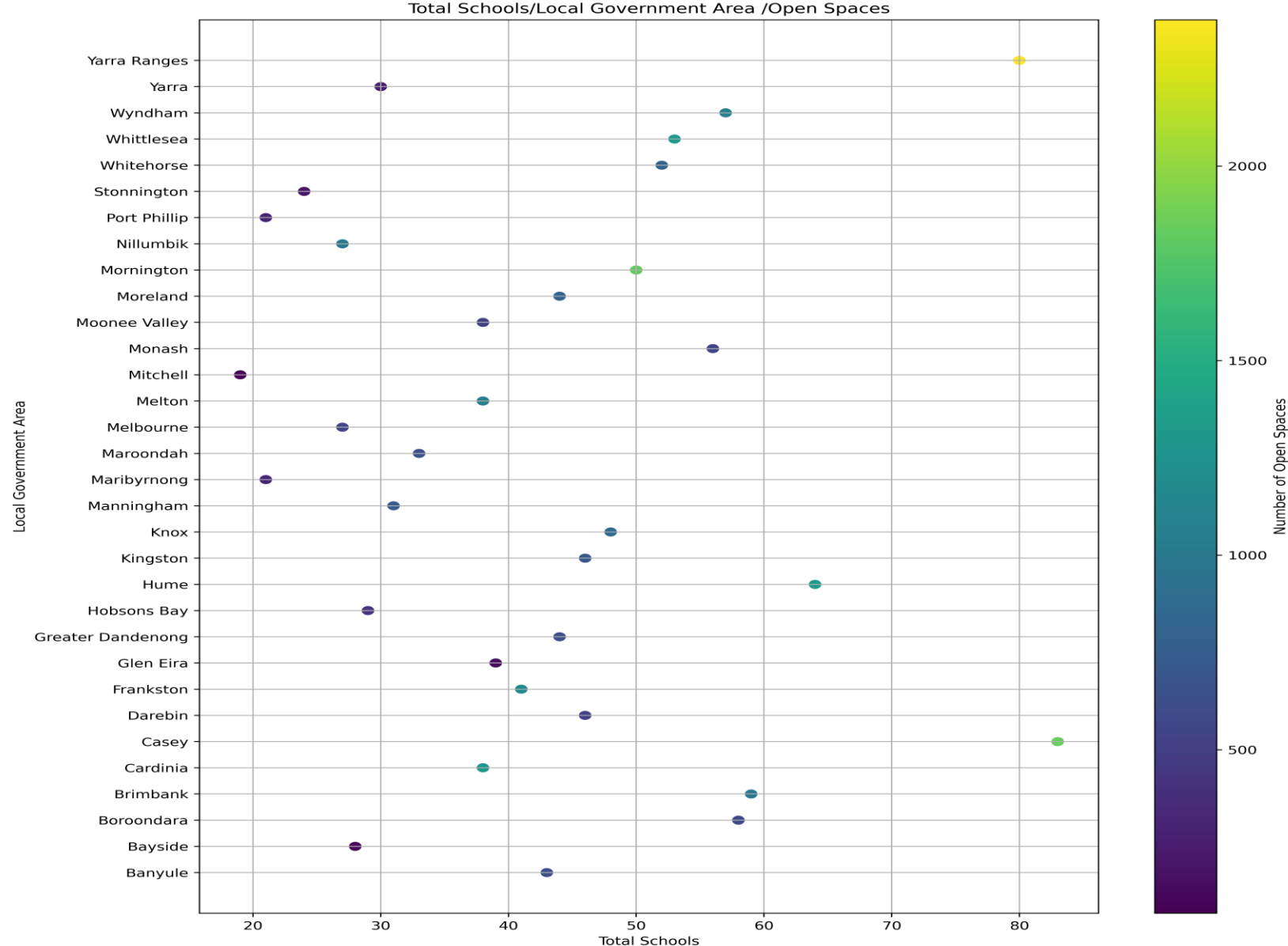


Trend Analysis:

Open Spaces vs Schools



Compare schools to LGA and open spaces



Conclusions and Recommendations

3-Candidate Analysis

<i>City/Suburban</i>	<i>Suburban/Rural</i>	<i>Rural/Remote</i>
<i>Casey</i>	<i>Hume</i>	<i>Yarra Ranges</i>
Open Space Rank:	Open Space Rank:	Open Space Rank:
2 nd	4 th	1 st
School Count:	School Count:	School Count:
1 st	3 rd	2 nd
Population Change:	Population Change:	Population Change:
+2.5%	+2.5%	0%
Low population density	Low population density	Low population density
School to Open Space Ratio:	School to Open Space Ratio:	School to Open Space Ratio:
High	High	Very High
Ideal for:	Ideal for:	Ideal for:
Small/moderate size families	Moderate size families/Multi-generation houses	Large families/Multi-generation houses

Lessons Learnt

Data Retrieval	Data Analysis
<ul style="list-style-type: none">▪ Inspect the raw data:<ul style="list-style-type: none">• Headers.• Data labels.• Zero or n/a values.▪ Diverse Data	<ul style="list-style-type: none">▪ Data lengths:<ul style="list-style-type: none">• Complete information.• Correct labels.▪ Visualisations:<ul style="list-style-type: none">• Visualisation type & format.• Identify trends.
Collaboration	Knowledge Sharing
<ul style="list-style-type: none">▪ Direction.▪ Strengths & weaknesses.▪ Code.▪ Criticism.	<ul style="list-style-type: none">▪ Share your information and data sources.▪ Report difficulties early on.

Q & A

Thank You