Appendix 1 - Implementation

Final visualisation hosted .

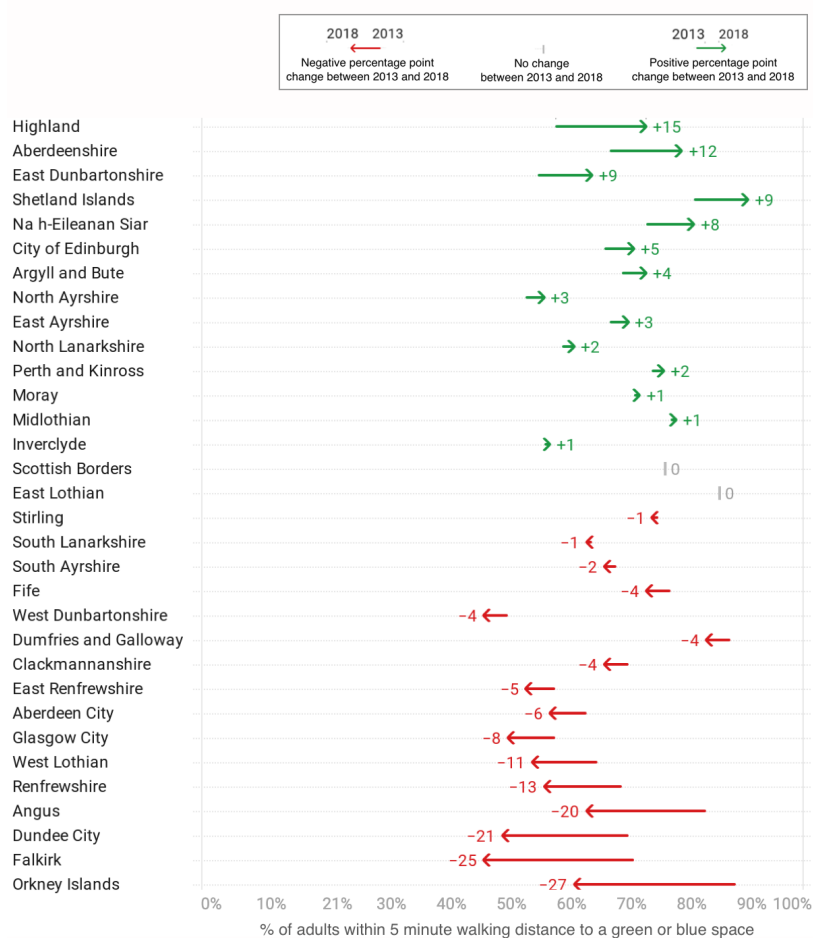# Appendix 2 - Snapshots

Snapshot 1

This is the 'main' visual that looks to answer the big question. The Local Authorities are ordered in largest positive change to largest negative change.

Encoding
• **Hue and arrow symbol direction** both encode the direction of change between 2013 and 2018. Means if colour blind still have visual variable to show this aspect of the data.
• **Position** of the start of the arrow encodes the value at 2013.
• **Length of bar** encodes the size of change between 2013 and 2018.
• **Position** of the end of the arrow encodes the value at 2018.

Perecentage of adults within 5 minute walking distance to a green or blue space between 2013 and 2018 by Scottish Local Authority
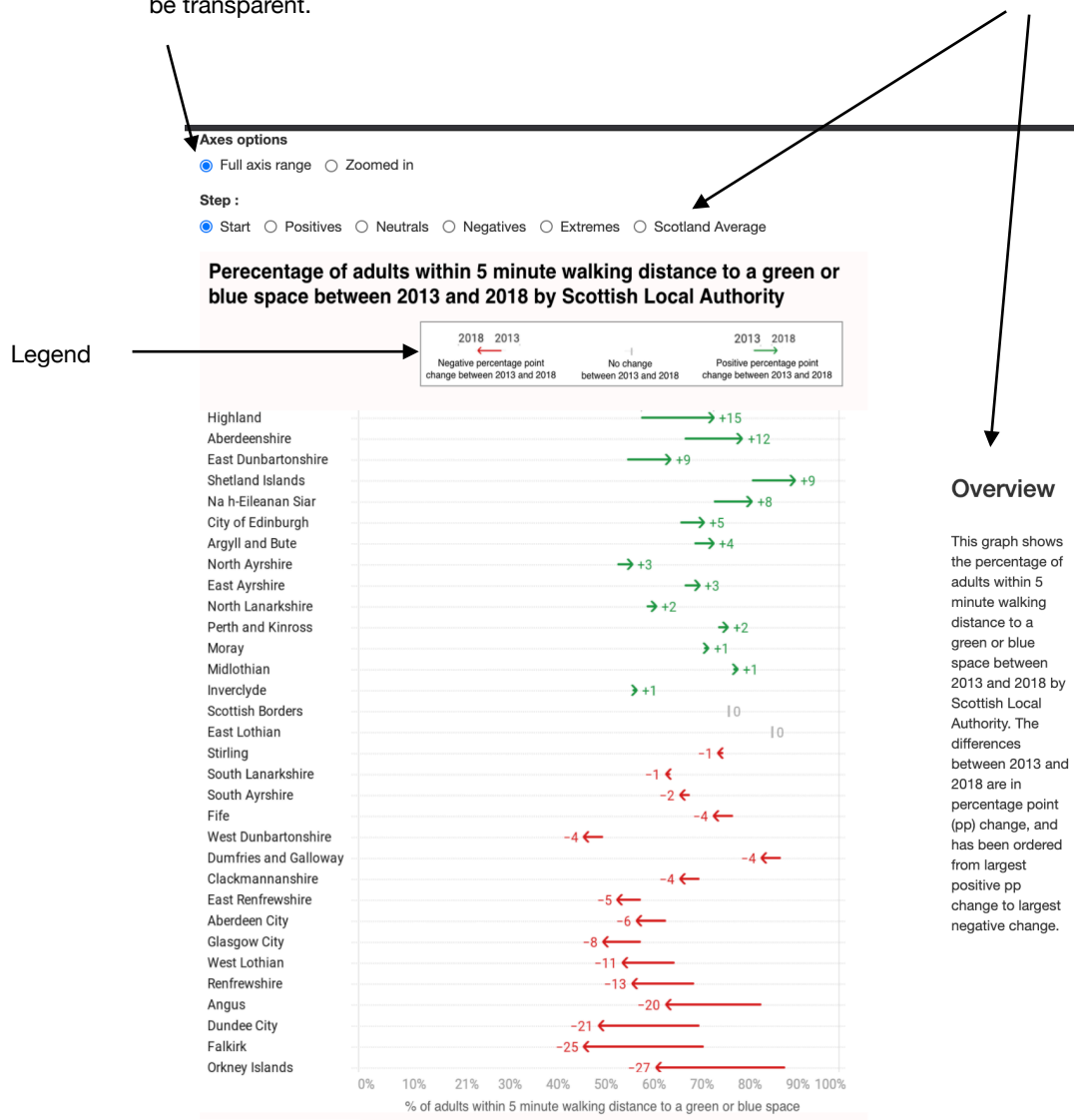

Created with Datawrapper

Snapshot 2

The report begins with background to the data, the big question and how to step through the visual. This is so all users will have full understanding of the context before being presented with the visual. Below the visual is also a list of future work considerate based on what this users may ask from looking at this initial data (but would also look to expand this list depending on the results of the evaluation survey).

The user can step through different parts of the visual being highlighted to convey a particular aspect.

The text beside the visual changes to narrate the part being highlighted so author is driving the narrative in each step.

Ability to see visual with full axis range (0-100%) and truncated axis (40-90%) to see in fined detail while also highlighting that the axis has been truncated so not to be transparent.

Axes options
◉ Full axis range   ○ Zoomed in

Step :
◉ Start   ○ Positives   ○ Neutrals   ○ Negatives   ○ Extremes   ○ Scotland Average

Perecentage of adults within 5 minute walking distance to a green or blue space between 2013 and 2018 by Scottish Local Authority

Legend

| 2018 2013 | | 2013 2018 |
| Negative percentage point change between 2013 and 2018 | No change between 2013 and 2018 | Positive percentage point change between 2013 and 2018 |

Highland → +15
Aberdeenshire → +12
East Dunbartonshire → +9
Shetland Islands → +9
Na h-Eileanan Siar → +8
City of Edinburgh → +5
Argyll and Bute → +4
North Ayrshire → +3
East Ayrshire → +3
North Lanarkshire → +2
Perth and Kinross → +2
Moray → +1
Midlothian → +1
Inverclyde → +1
Scottish Borders | 0
East Lothian | 0
Stirling -1 ←
South Lanarkshire -1 ←
South Ayrshire -2 ←
Fife -4 ←
West Dunbartonshire -4 ←
Dumfries and Galloway -4 ←
Clackmannanshire -4 ←
East Renfrewshire -5 ←
Aberdeen City -6 ←
Glasgow City -8 ←
West Lothian -11 ←
Renfrewshire -13 ←
Angus -20 ←
Dundee City -21 ←
Falkirk -25 ←
Orkney Islands -27 ←

0% 10% 21% 30% 40% 50% 60% 70% 80% 90% 100%
% of adults within 5 minute walking distance to a green or blue space

Created with Datawrapper

Overview

This graph shows the percentage of adults within 5 minute walking distance to a green or blue space between 2013 and 2018 by Scottish Local Authority. The differences between 2013 and 2018 are in percentage point (pp) change, and has been ordered from largest positive pp change to largest negative change.

Snapshot 3

This is an example of one of the highlighted aspects of the visual - highlighting where each of the Local Authorities sit compared to the overall percentage point change between 2013 and 2018 for Scotland as a whole. For this visual the legend has been extended incorporate this.

Step :
○ Start   ○ Positives   ○ Neutrals   ○ Negatives   ○ Extremes   ● Scotland Average

Perecentage of adults within 5 minute walking distance to a green or blue space between 2013 and 2018 by Scottish Local Authority

	2018 2013		2013 2018
– – – Scotland average percentage point change between 2013 and 2018	← Negative percentage point change between 2013 and 2018	⏐ No change between 2013 and 2018	→ Positive percentage point change between 2013 and 2018

Local Authority	Change
Highland	→ +15
Aberdeenshire	→ +12
East Dunbartonshire	→ +9
Shetland Islands	→ +9
Na h-Eileanan Siar	→ +8
City of Edinburgh	→ +5
Argyll and Bute	→ +4
North Ayrshire	→ +3
East Ayrshire	→ +3
North Lanarkshire	→ +2
Perth and Kinross	→ +2
Moray	→ +1
Midlothian	→ +1
Inverclyde	→ +1
Scottish Borders	⏐0
East Lothian	⏐0
Stirling	−1 ←
South Lanarkshire	−1 ←
South Ayrshire	−2 ←
Fife	−4 ←
West Dunbartonshire	−4 ←
Dumfries and Galloway	−4 ←
Clackmannanshire	−4 ←
East Renfrewshire	−5 ←
Aberdeen City	−6 ←
Glasgow City	−8 ←
West Lothian	−11 ←
Renfrewshire	−13 ←
Angus	−20 ←
Dundee City	−21 ←
Falkirk	−25 ←
Orkney Islands	−27 ←

x-axis: 0% 10% 21% 30% 40% 50% 60% 70% 80% 90% 100%

% of adults within 5 minute walking distance to a green or blue space

Scotland average

The change for Scotland overall is -3pp (indicated by the blue dotted line), and it can be seen from the visual most of the Local Authorities lie above this average.