IDEAS

1. Bushfires via Satellite

Dot map

2. Temperature map

Proportional area map

Proportional length map

3. Environment

bubble plot

rain
- colour: state
- size: windspeed

histograms

- Colour for state

4. Animals

Sankey

Donut

class

species

barchart

5. Forest land

Pie chart

- one for each state
- colour for type

Stacked bar chart

- hue for type

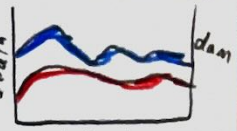
grouped bar chart

6. Large-scale damage

circular barchart

Dyes

dual line chart



- slider filter

histogram

FILTER

- remove 3 proportional length map, as there would be too many overlapping points
- remove 4 sankey, as it is overkill for such a simple dataset.

CATEGORISE

1 Bushfire overview

↓

2, 3 Bushfire contributors

↓

4, 5, 6 Bushfire damage and impact

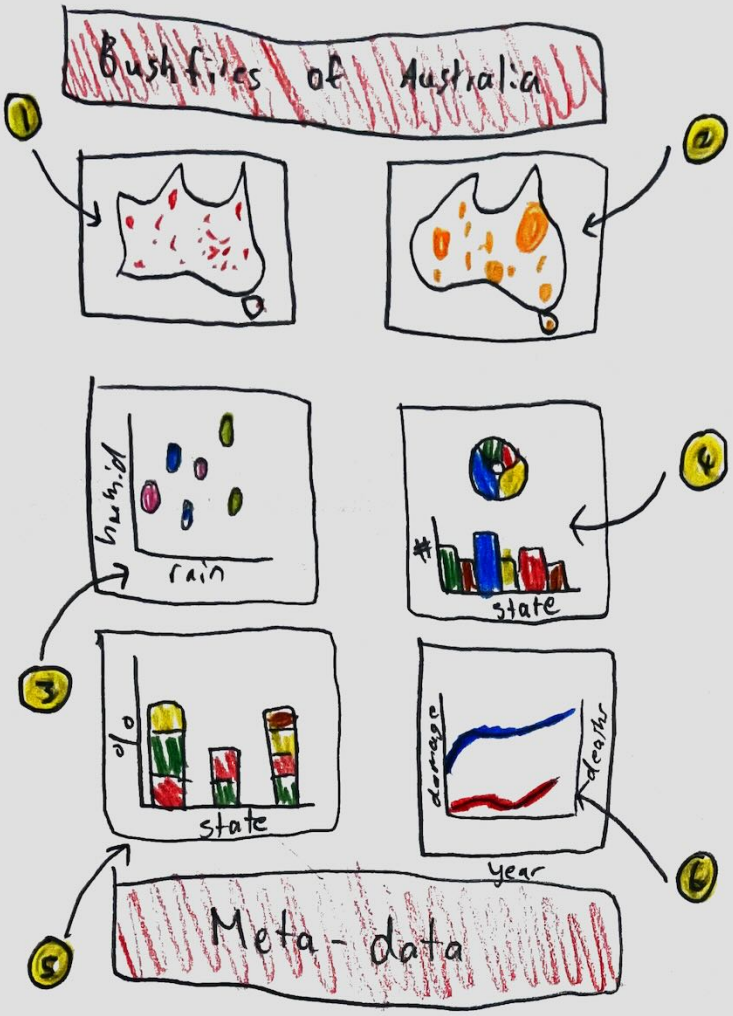
COMBINE + REFINE

1. Dot map is the best idiom
   - need to include a filter as there are too many points to leave as is.
2. Prop area is good
   - filter magnitude & year
3. bubble plot is good
   - focus on making relations between attributes visible.
4. Donut and barchart both work, maybe even a mix of both
5. Pie chart has bad information density
   - would need one per state
6. circular barchart
   - bad idiom if user wants to compare years

QUESTIONS

- Is this information valuable to the average Australian?
- Is the average Australian able to interpret these idioms?
- Does it raise awareness for bushfire damage and prevention?
- Does the viewer prefer raw quantitative data, or relative comparisons?

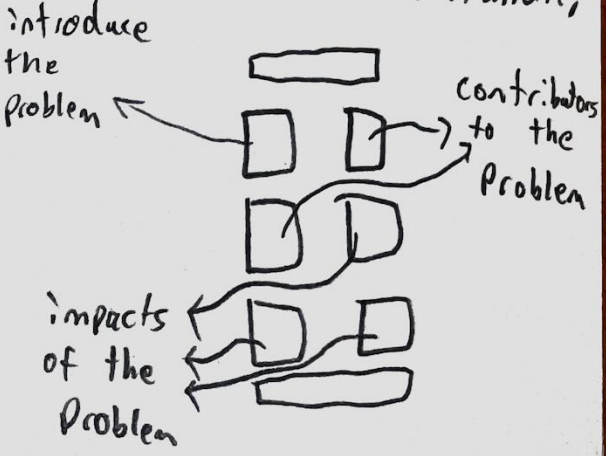
LAYOUT



Title: View 1
Author: Oliver Bramich
Date: 5/10/2024
Sheet: 2

FOCUS

- This design focuses on simplicity, ensuring a low cognitive load and easily understood by the average Australian,



OPERATION

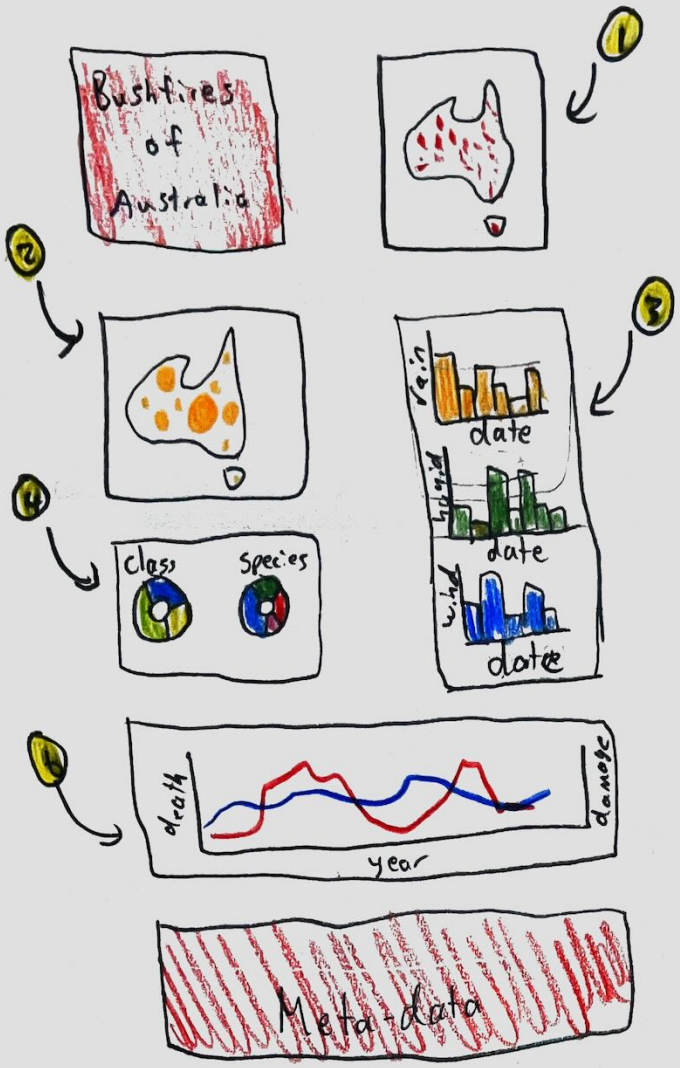
- Slider for years or days, and min temp
- Checkbox for States and forest type
- Very informative tool tips
- a concatenated graph that acts like a filter, like in week 11 studio example.

DISCUSSION

Pros:
- Very simple and efficient
- Very analytical
- good sightlines

Cons:
- Not layed out into clear sections
- No text or story telling for background info.

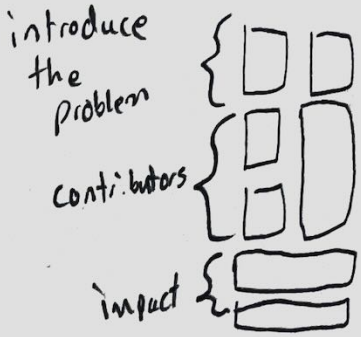
LAYOUT



Title: View 2
Author: Oliver Bramich
Date: 5/10/2024
Sheet: 3

FOCUS

- This design tests to see how different idioms could work alongside one-another whilst changing dimensions



OPERATION

- ⊢0⊣ slider for years and days
- text and annotations on Vis's
- filters for years and states
- informative tool tips
- maybe seperate tabs!?

DISCUSSION

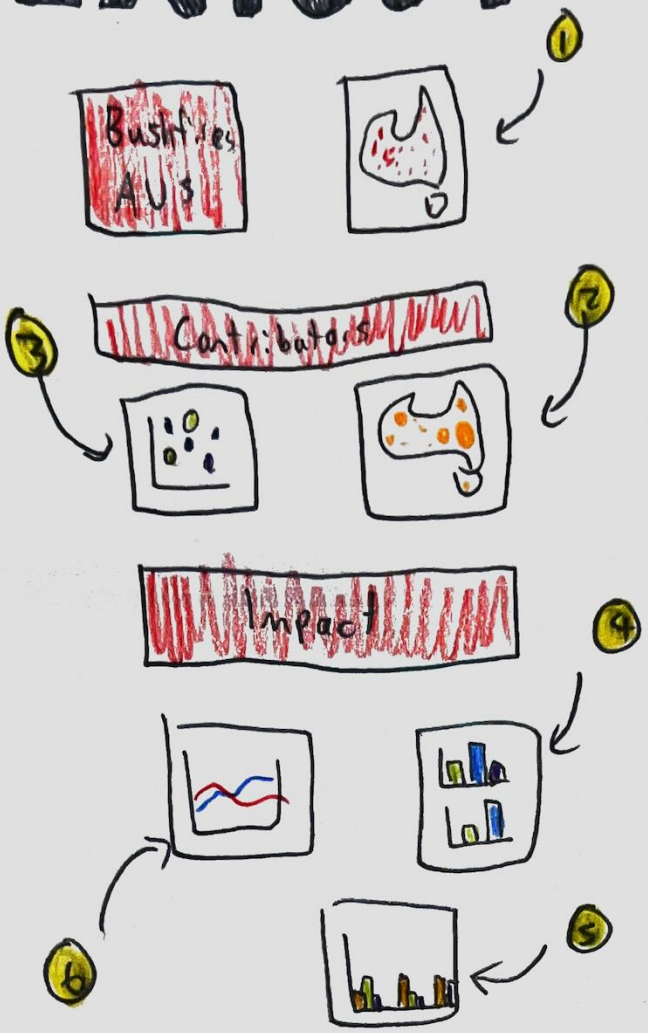
Pros:

- more text + annotations
- better story telling
- easily interprelated

Cons:

- Worse sightlines
- less-clear sections

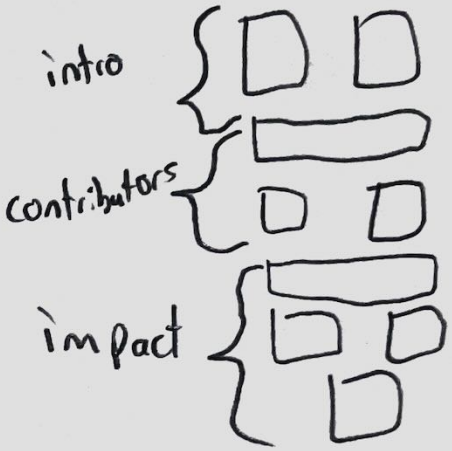
LAYOUT



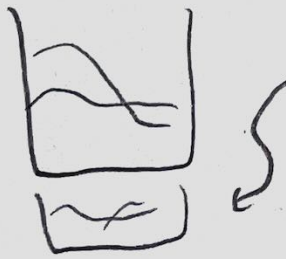
Title: View 3
Author: Oliver Bramich
Date: 5/10/2024
Sheet: 4

FOCUS

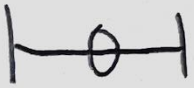
- This design focuses on clear sections and story telling.



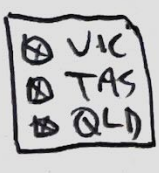
OPERATION



concatenated view for filter like week 11 studio



slider filters



drop down check box filter

DISCUSSION

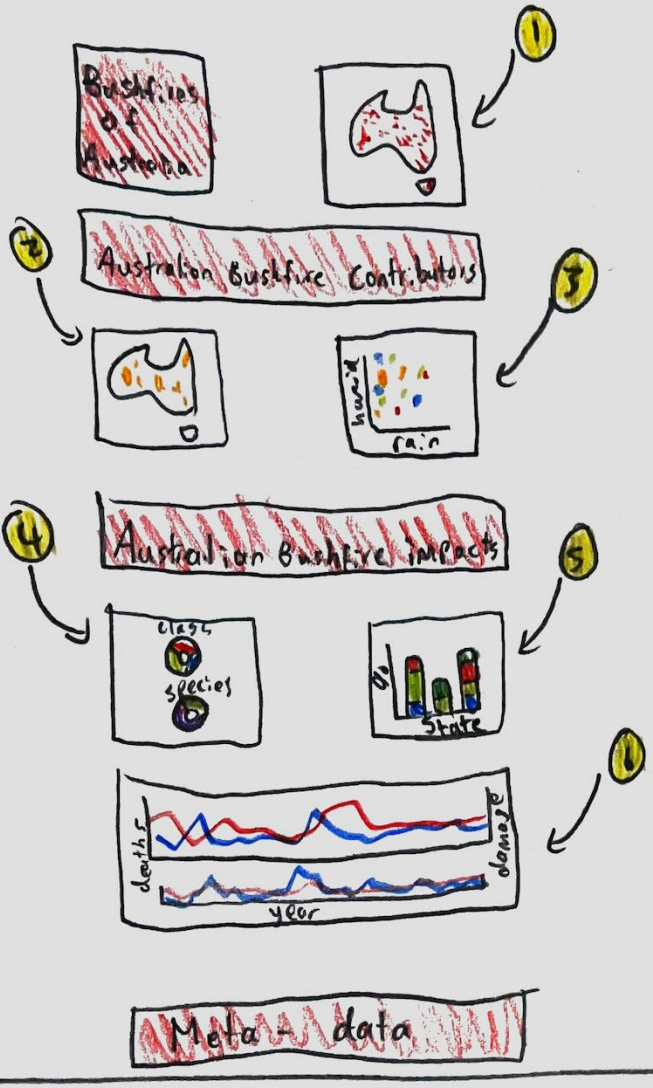
Pros:

- much clearer sections and better story telling
- lots of space for text and annotations

Cons:

- poor sightlines

LAYOUT



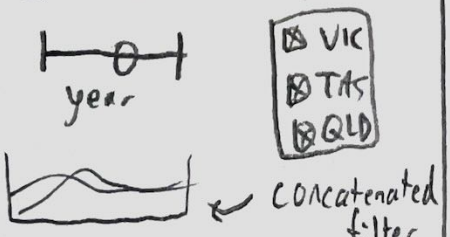
Title: Final design sheet
Author: Oliver Bramich
Date: 5/10/2024
Sheet: 5

FOCUS

- Prioritises story telling and being informative
- all graphs are equally weighted besides last one. This one is the most significant and I want it to leave an impact,
- good balance and sightlines
- Needs consistent colour hue for states and locations.
- Layed out into intro, cause, and impact sections.

OPERATION

- Filters:



- Tooltips as informative as possible
- Text and background info on each graph
- extensive annotations.

Pros:

- clear sections and good story telling
- lots of space for text and annotations
- good mix of idioms and information
- Should be easily interpreted by the average Australian

-Estimated time and effort: 4 days
- Requires decent processing power