

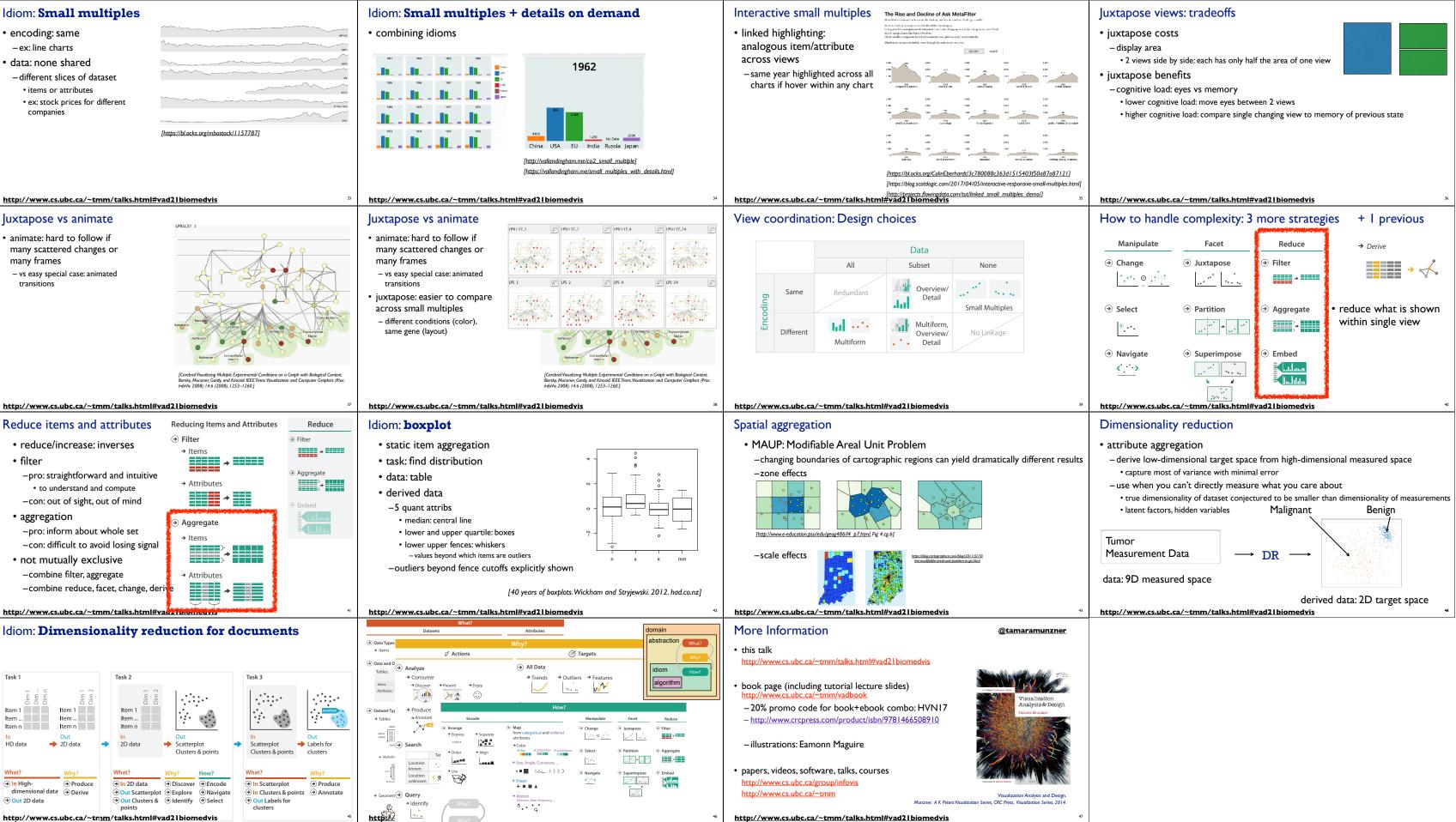
http://www.cs.ubc.c

(talks b

ad21biomedvis

http://www.cs.ubc.ca/~tmm/talks.html#vad2lbiomedvis

| | Channels: Rankin Magnitude Channels: Order Position on common scale Position on unaligned scale Length (1D size) | | Identity Channels: Canadian Spatial region Spatial region Color hue Motion | tegorical Attributes ■ ■ ■ ● ■ ■ ■ • • • • • • |
|--|---|---|--|---|
| | Tilt/angle Area (2D size) | · • • • | Shape | + • ■ ▲ |
| le characteristics 19 | Depth (3D position) Color luminance Color saturation Curvature Volume (3D size) <u>http://www.cs.ubc.ca/</u> | →• →→• | • effective – channels • distingui | hannel and data characteristics ness s differ in accuracy of perception |
| | Categorical colo • human perceptio | pr: limited n | | |
| | relative comparis great if color con surprisingly bad for comparisons noncontiguous surprisions of color fewer bins than you rule of thumb: 6-lincluding backgro | sons tiguous or absolute mall ou want I2 bins, | | |
| , | highlights • alternatives? othe | er talks! | 11 12 13 14 15 16 17 18 19 X Mouse | T 13 14 15 16 17 18 19 20 21 22 X Y Human |
| | | - | the second | PAAC Disinformatics 0.02 20071 |
| 23 | http://www.cs.ubc.ca/ | | multiple organisms. Sinha and Melle nl#vad21biomedvis | 4. DMC Dioinformatics, 6.62, 2007.] |
| 23 | How to handle | <u>~tmm/talks.htn</u> complexity: | nl#vad21biomedvis 3 more strateg | gies + I previous |
| | How to handle Manipulate | ~tmm/talks.htn | nl#vad21biomedvis | 24 |
| educe ⊕ Filter | How to handle (Manipulate () Change | <u>~tmm/talks.htn</u> complexity: _{Facet} | nl#vad21biomedvis 3 more strateg | gies + I previous |
| Reduce Filter Aggregate | How to handle Manipulate | <u>attemt/talks.htm</u> <u>Facet</u> Juxtapose <u></u> Partition <u>Superimpose</u> <u></u> <u></u> | inl#vad21biomedvis 3 more strates Reduce Filter Filter Aggregate Embed Embed | gies + 1 previous → Derive → Derive → Change view over time • facet across multiple |
| Reduce • Filter • Aggregate • Aggregate • • Embed • • Embed | How to handle (Manipulate Change Change Change Select Select Navigate Change Manipulate | <u>~tmm/talks.htm</u> <u>Facet</u> Juxtapose Juxtapose Superimpose Superimpose Juxtapose Turnet and the second second | nl#vad21biomedvis 3 more strates Reduce ③ Filter ③ Aggregate ③ Aggregate ③ Embed ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ | yies + 1 previous → Derive → Derive → Derive → Orive → Orive |
| Reduce (a) Filter (b) Aggregate (c) Embed (c) Linen (c) Linen | How to handle Manipulate | <u>ared</u> | ni#vad21biomedvis Reduce Pilter P | gies + 1 previous <i>Derive</i> <i>Derive</i> <i>Constant of the second seco</i> |



http://www.cs.ubc.ca/~tmm/talks.html#vad21biomedvis