Image support

for

suppress-for-release project

Workflow for ./bcopph-suppress-for-release

objective

raw → augmented

.csv → .csv

greeter | tuner | tester | grapher

Ministry Of Health → 0 → 1 → 2 → 3

dto-3

dto

data transfer object

○ list object
■ data frame
❖ graph

PRODUCED COMPONETNS

- raw
- meta
- target
- ○ FRAMED
  - ■ raw [L]

○ FRAMED
  - ■ tuned [W]

○ FRAMED
  - ■ test 1 [W]
  - ■ test 2 [W]
  - ■ test 3 [W]

○ FRAMED
  - ■ redacted [W]
  - ■ redacted [L]
  - ❖ graph
- ■ augmented

FRAMED

disease — D_1, D_2, ..., D_N

Y_1, Y_1, ..., Y_K year
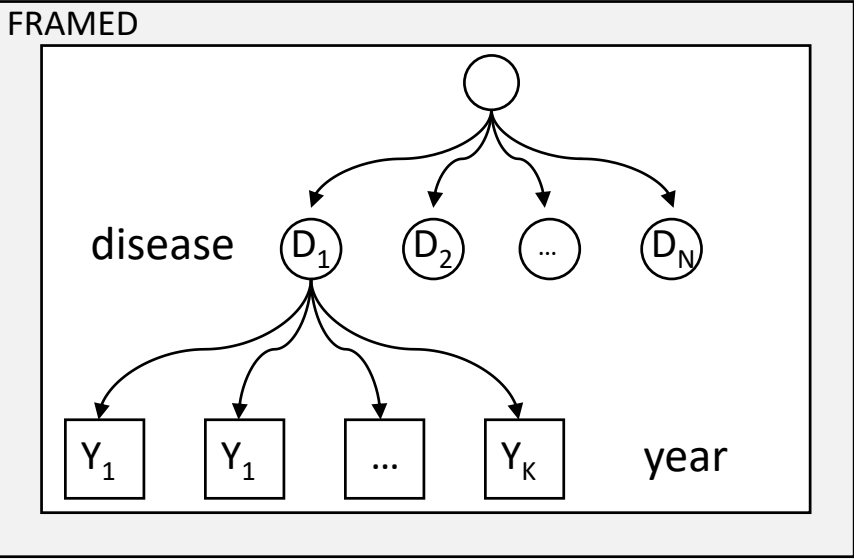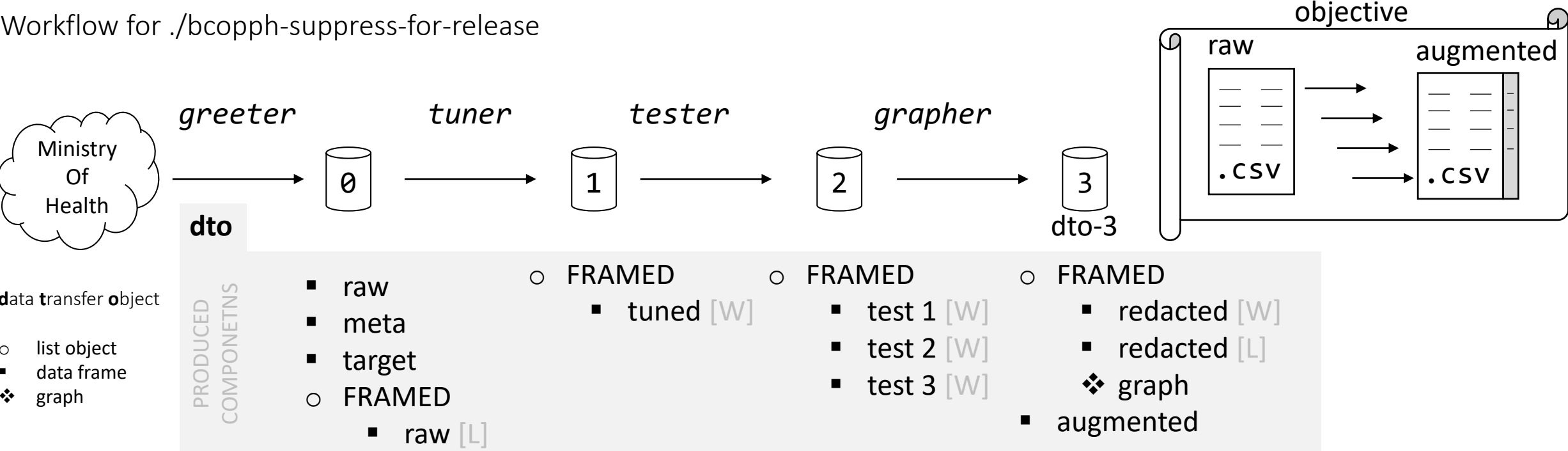
[Long]

disease	year	sex	incase	region_id	region_label	desc_label
Flower Deafness	1995	F	104	0	BC	BC
Flower Deafness	1995	F	25	1	HA	Interior
Flower Deafness	1995	F	15	2	HA	Fraser
Flower Deafness	1995	F	20	3	HA	Vancouver Coastal
Flower Deafness	1995	F	19	4	HA	Vancouver Island
Flower Deafness	1995	F	25	5	HA	Northern
Flower Deafness	1995	F	9	11	HSDA	East Kootenay
Flower Deafness	1995	F	7	12	HSDA	Kootenay Boundary
Flower Deafness	1995	F	4	13	HSDA	Okanagan
Flower Deafness	1995	F	5	14	HSDA	Thompson Cariboo Shuswap
Flower Deafness	1995	F	1	21	HSDA	Fraser East
Flower Deafness	1995	F	8	22	HSDA	Fraser North
Flower Deafness	1995	F	4	23	HSDA	Fraser South
Flower Deafness	1995	F	5	31	HSDA	Richmond
Flower Deafness	1995	F	7	32	HSDA	Vancouver
Flower Deafness	1995	F	8	33	HSDA	North Shore/Coast Garibaldi
Flower Deafness	1995	F	8	41	HSDA	South Vancouver Island
Flower Deafness	1995	F	5	42	HSDA	Central Vancouver Island
Flower Deafness	1995	F	6	43	HSDA	North Vancouver Island
Flower Deafness	1995	F	7	51	HSDA	Northwest
Flower Deafness	1995	F	9	52	HSDA	Northern Interior
Flower Deafness	1995	F	9	53	HSDA	Northeast
Flower Deafness	1995	M	97	0	BC	BC
Flower Deafness	1995	M	22	1	HA	Interior
Flower Deafness	1995	M	42	2	HA	Fraser
Flower Deafness	1995	M	21	3	HA	Vancouver Coastal
Flower Deafness	1995	M	19	4	HA	Vancouver Island
Flower Deafness	1995	M	20	5	HA	Northern
Flower Deafness	1995	M	7	11	HSDA	East Kootenay
Flower Deafness	1995	M	7	12	HSDA	Kootenay Boundary

[Wide]

disease	year	label_prov	label_ha	label_hsda	BC_F	BC_M	BC_T	HA_F	HA_M	HA_T	HSDA_F	HSDA_M	HSDA_T
Flower Deafness	1995	BC	Interior	East Kootenay	104	97	201	25	22	47	9	7	16
Flower Deafness	1995	BC	Interior	Kootenay Boundary	104	97	201	25	22	47	7	7	14
Flower Deafness	1995	BC	Interior	Okanagan	104	97	201	25	22	47	4	5	9
Flower Deafness	1995	BC	Interior	Thompson Cariboo Shuswap	104	97	201	25	22	47	5	3	8
Flower Deafness	1995	BC	Fraser	Fraser East	104	97	201	15	15	30	1	3	4
Flower Deafness	1995	BC	Fraser	Fraser North	104	97	201	15	15	30	8	4	12
Flower Deafness	1995	BC	Fraser	Fraser South	104	97	201	15	15	30	4	8	12
Flower Deafness	1995	BC	Vancouver Coastal	Richmond	104	97	201	20	21	41	5	3	8
Flower Deafness	1995	BC	Vancouver Coastal	Vancouver	104	97	201	20	21	41	7	9	16
Flower Deafness	1995	BC	Vancouver Coastal	North Shore/Coast Garibaldi	104	97	201	20	21	41	8	9	17
Flower Deafness	1995	BC	Vancouver Island	South Vancouver Island	104	97	201	19	19	38	8	7	15
Flower Deafness	1995	BC	Vancouver Island	Central Vancouver Island	104	97	201	19	19	38	5	5	10
Flower Deafness	1995	BC	Vancouver Island	North Vancouver Island	104	97	201	19	19	38	6	7	13
Flower Deafness	1995	BC	Northern	Northwest	104	97	201	25	20	45	7	8	15
Flower Deafness	1995	BC	Northern	Northern Interior	104	97	201	25	20	45	9	9	18
Flower Deafness	1995	BC	Northern	Northeast	104	97	201	25	20	45	9	3	12

LOGICAL TESTS

1. Is the cell value smaller than **5** ?

2. Can re-calculate from gender triplet?

3. Can re-calculate from higher-order unit?

Dependency tree of functions in */suppress-for-release*

detect_small_cells()

detect_recalc_triplet()   elongate_values()   elongate_labels()   lookup_meta()

detect_single_suppression()

combine_censors()

prepare_for_tiling()

make_tile_graph()

print_tile_graph()