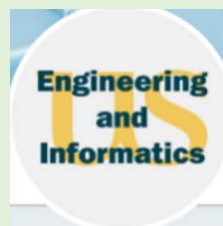# Cognitive restructuring in the concept of CRIME during Covid-19 pandemic

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School of Media, Arts, and Humanities

Rhys Sandow[1], Albertus Andito[1], Harriet Nye[1], Brendon Raw[2], Joe Thompson-Smith[1], Julie Weeds[1]
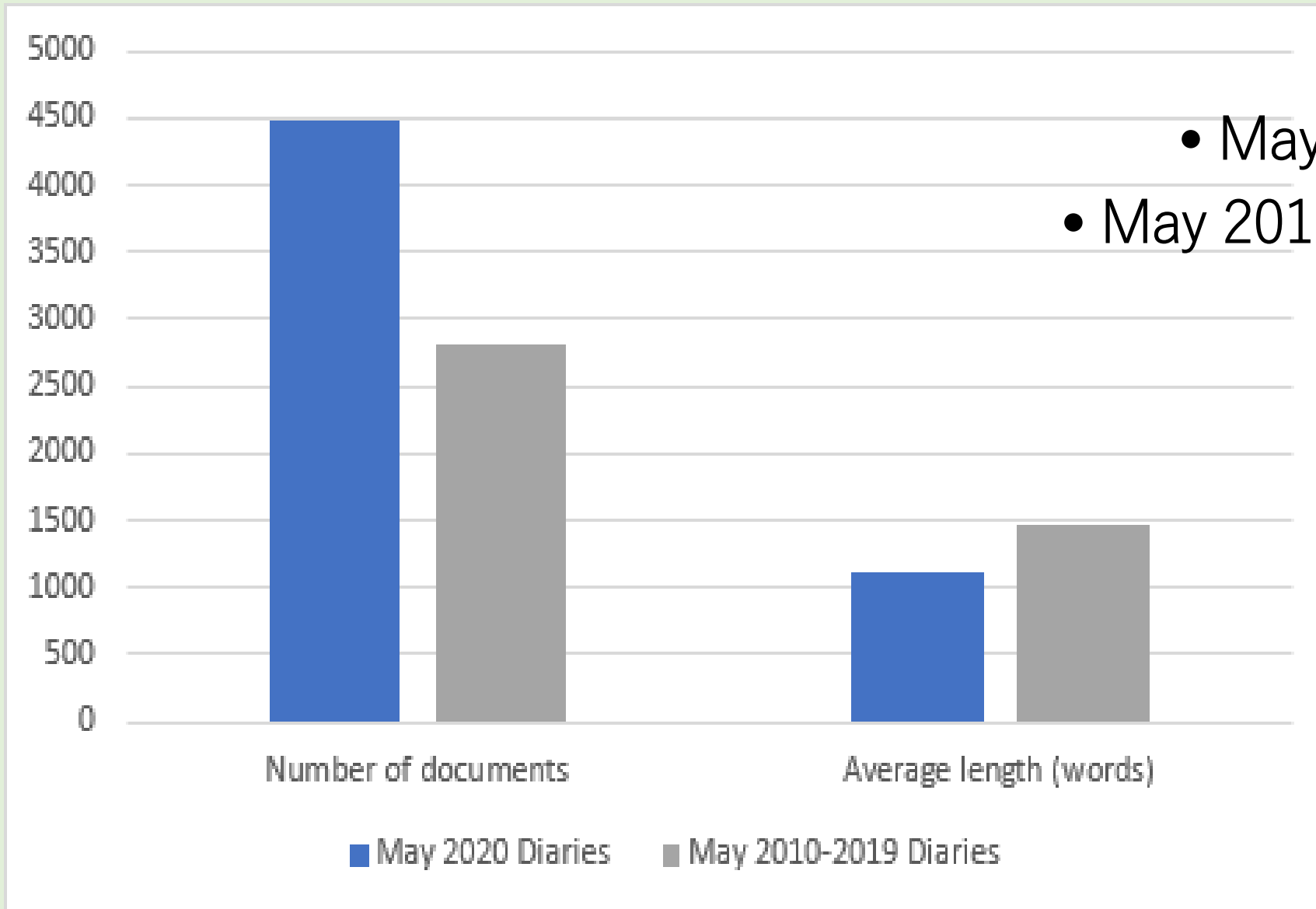
[1] University of Sussex [2] Africa New Energies

Challenge

- HEIF funding to support work with non-academic partners to address their challenges and opportunities presented by the Covid-19 pandemic

- How to support society's recovery from the Covid-19 pandemic?

Aims

- What are the patterns of thinking in 2020 as compared to the previous decade?
  - Unintuitive
- How these patterns of thinking are distributed in space?

About the data

- May 2020: 4,921,831 words,
- May 2010-2019: 4,101,605 words

MASS-OBSERVATION DAY-SURVEY

WEDNESDAY

12

MAY

Sunrise 4.15;   Sunset 7.38

What infinite heart's ease
Must kings neglect that private men enjoy!
King Henry V, iv. 1.

FABER & FABER

May 12th case study

In 1937 Mass Observation called for people from all parts of the UK to **record everything they did from when they woke up in the morning to when they went to sleep at night on 12th May**. The resulting diaries provide a wonderful glimpse into the everyday lives of people across Britain and have become an invaluable resource for those researching countless aspects of the era.

- Dear diary Today at 8:21 I woke up and the sun was shining but still I couldn't meet my friends.i went down stairs as i ate my breakfast i looked out the window but the sun wasn't shining it was just like every other day it was dark and lonely nothing alive came past it was just the wind blowing and some bugs flying. 9:00 I started distance learning. 11:30 I went to my back garden and played around with a ball until I got bored and went back inside. 11:50 I opened the computer and continued learning. 2:00 I finished all the work yay!. I went out for a jog around the park. It's around 4mins if you run but around 14mins if you walk to the park it's really I go for a jog every day but it's never the same as running around with your friends playing a game of tug or something. 3:00 I was back. I was hungry and me and my family sat and ate lunch. 3:30 I played fun online games with my friends. We also talked on skype for a while but it wasn't the same. 4:30 I played board games with my family and we also played with a ball. 6:00 my dad, my mum, my sister and I went to watch Star wars. My little sister was too young so she went to watch a movie on the computer. 8:12 we had a quick dinner. 8:30 I went for a bath, got dressed, brushed my teeth and went to bed but the only thing I could think of is will I ever be able to see my friends and family again.

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Conceptual hierarchy

May 2020 Covid-19 thinking
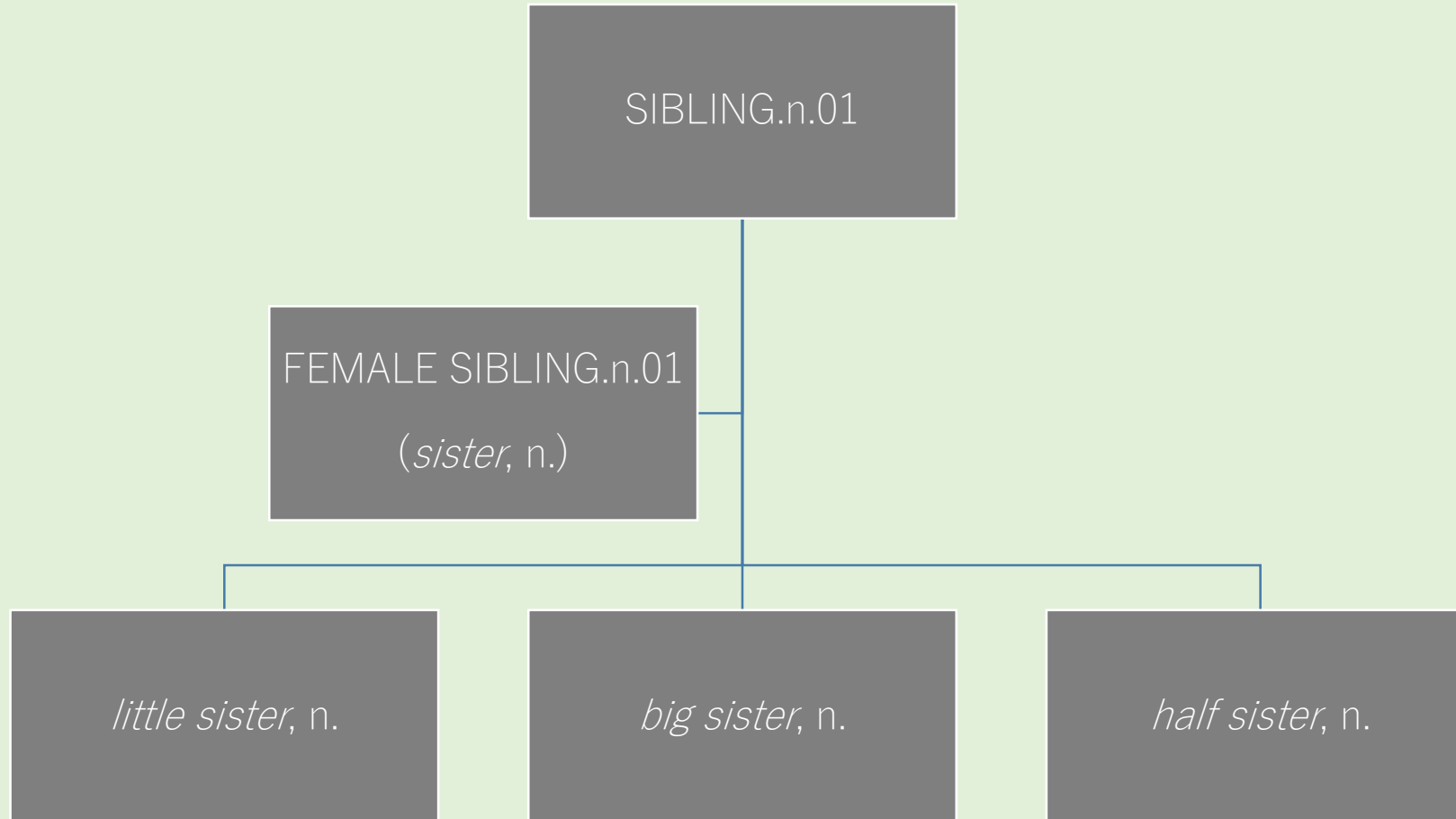
May 2020 Covid-19 concepts

May 12 2010-19

May 12 2020

0

1

2

e	frequ	pmi	parentSense		sense	frequ	pmi	parentSense		sense	frequ	pmi
ic.s.01	99	6.366350	N/A		distance.v.01	517	8.751014	keep.v.01		furlough.v.01	552	6.523590
c.a.01	61	5.667731	N/A		outdistance.v.0	85	6.146384	leave_behind.v.01		sanitize.v.01	51	5.409419
matic.s.0	28	4.544348	N/A		zoom.v.02	81	6.076843	travel.v.01		**mismanage.v**	22	4.196425
fifth.s.01	78	4.437433	N/A		lock.v.04	40	5.058921	hold.v.02		redeploy.v.01	39	4.022396
a.03	43	4.163258	N/A		reopen.v.01	284	4.564812	open.v.01		sequester.v.0	77	4.003780
dented.a.	80	4.058921	N/A		sanitize.v.02	19	3.984921	change.v.01		clap.v.02	18	3.906918
y.r.01	95	3.984921	N/A		beat.v.08	18	3.906918	move.v.02		disinfect.v.01	85	3.824456
07	19	3.984921	N/A		ease.v.01	226	3.856733	travel.v.01		distinguish.v.	825	3.275496
_in.s.01	74	3.946447	N/A		infect.v.01	34	3.824456	give.v.01		**ferment.v.03**	10	3.058921
a.04	72	3.906918	N/A	tested positive	face.v.04	283	3.711727	be.v.03		**zoom.v.01**	129	2.748221
a.02	63	3.714273	N/A		**relax.v.06**	14	3.544348	change.v.01		distress.v.02	8	2.736993
02	101	3.587850	N/A		**displace.v.03**	582	3.398307	remove.v.02		lock.v.03	43	2.578296

Covid19 thinking

Pre-Covid19 thinking

CRIME in 2020: A new conceptual bundle

vandalize, plunder, robber, heist, thief, moll 'criminal', forfeit criminally

criminal n./adj.

2010-2019
- record, changes, act, damage, past, police, past

2020
- negligence, neglect, government policies

ego+ *criminal*

- every Saturday morning I go to the mini-Tesco to buy the Guardian and top up the basics like milk and bread. I feel like a criminal every time I go out. I've occasionally had to queue outside shops, but not for long. I've discovered that if I can get

- keep my face turned away. Some people don't bother. Last Tuesday, for the first time, I wore a face mask, and felt less of a criminal - doing my bit to stop my nasty droplets spreading. One challenge has been the lack of Quorn pieces for our vegetarian

- or find alternatives. The bigger supermarket is a weird experience. I haven't enjoyed it much. One feels almost criminal . I have glanced at online shopping, but there are no slots. During the week we top up our shopping - milk, fresh fruit & veg

Concept Search

Word to Search for

criminal

Parameters

Select Sense

criminal.s.03 ▾

Definition
involving or being or having the nature of a crime
Part Of Speech
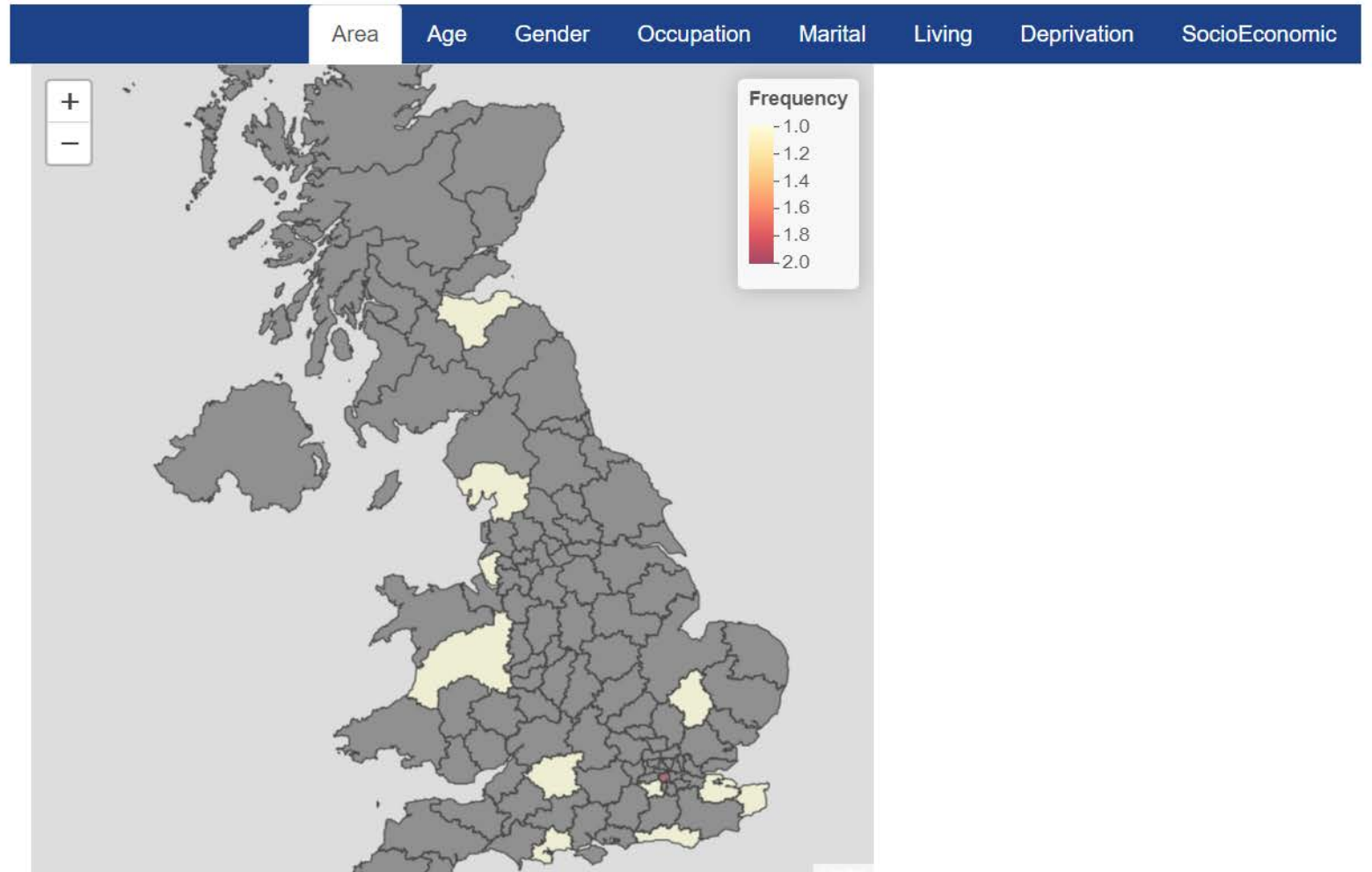adjective
Lemmas
criminal,felonious
Examples
a criminal offense
criminal abuse
felonious intent
Measure
● Frequency   ○ PMI

Area   Age   Gender   Occupation   Marital   Living   Deprivation   SocioEconomic

Frequency
- 1.0
- 1.2
- 1.4
- 1.6
- 1.8
- 2.0

Summary

- Patterns of distributed cognition
- New concepts
- Iterative analysis

Mapping changes in Brighton's business linguistic landscape during the COVID-19 pandemic

Yasmine Yaguer, Jilan Wei, Justyna Robinson, & Lynne Murphy

University of Sussex

FACE
OPEN
8:30 on 6
please! pm
MON - SAT

Sun 11:00am-5:00pm
Tel: 01273 605160
www.bikeshed.store

Don't forget your
mask/face covering
Please note it is now a legal
requirement to wear a face covering
while shopping in this store*
*Unless you are exempt or have a reasonable excuse.

Thank you for your support

B&Q

NO MASK
NO ENTRY

EXIT
ONLY

Please ensure you wear a
face covering before
entering this office.

PROTECT
OUR
RETAIL
HEROES

Please Wear a
Face Mask
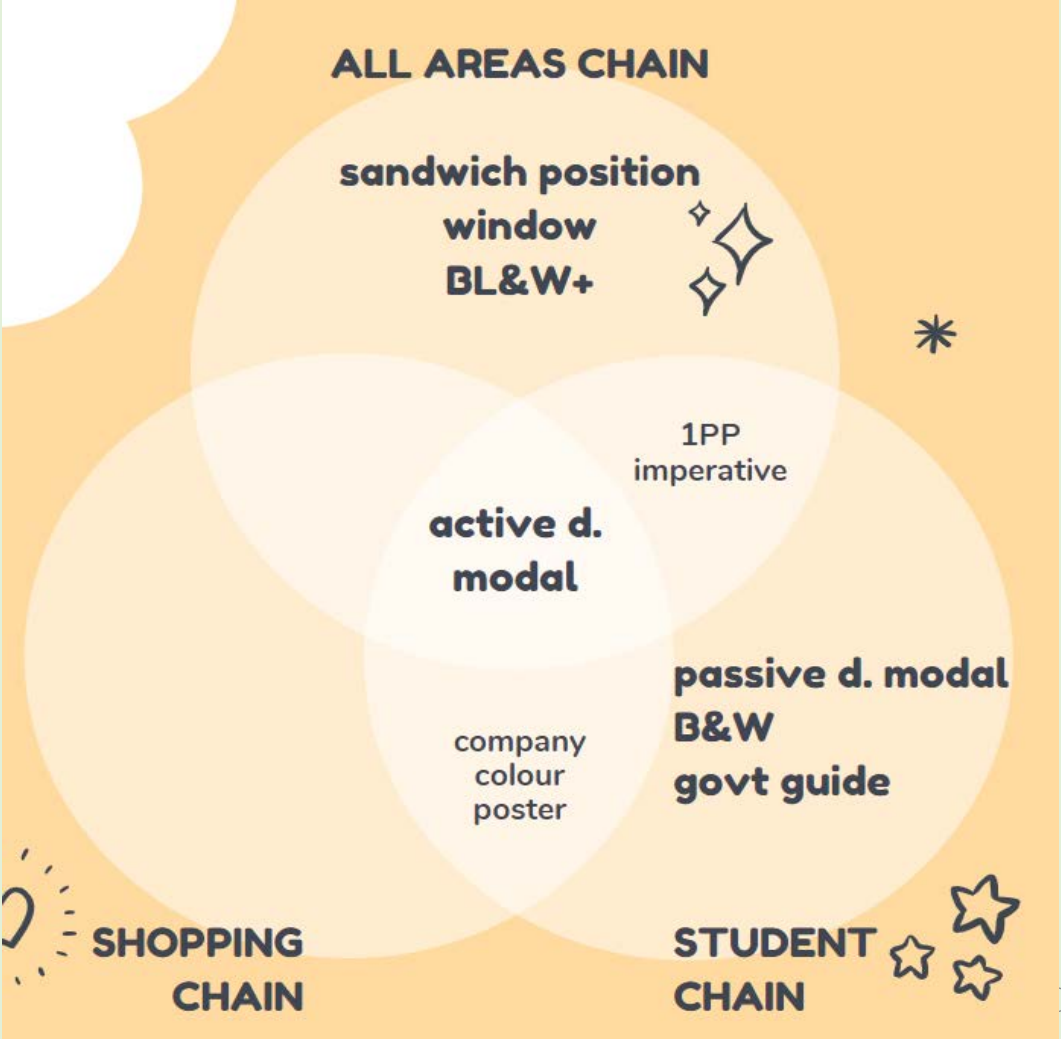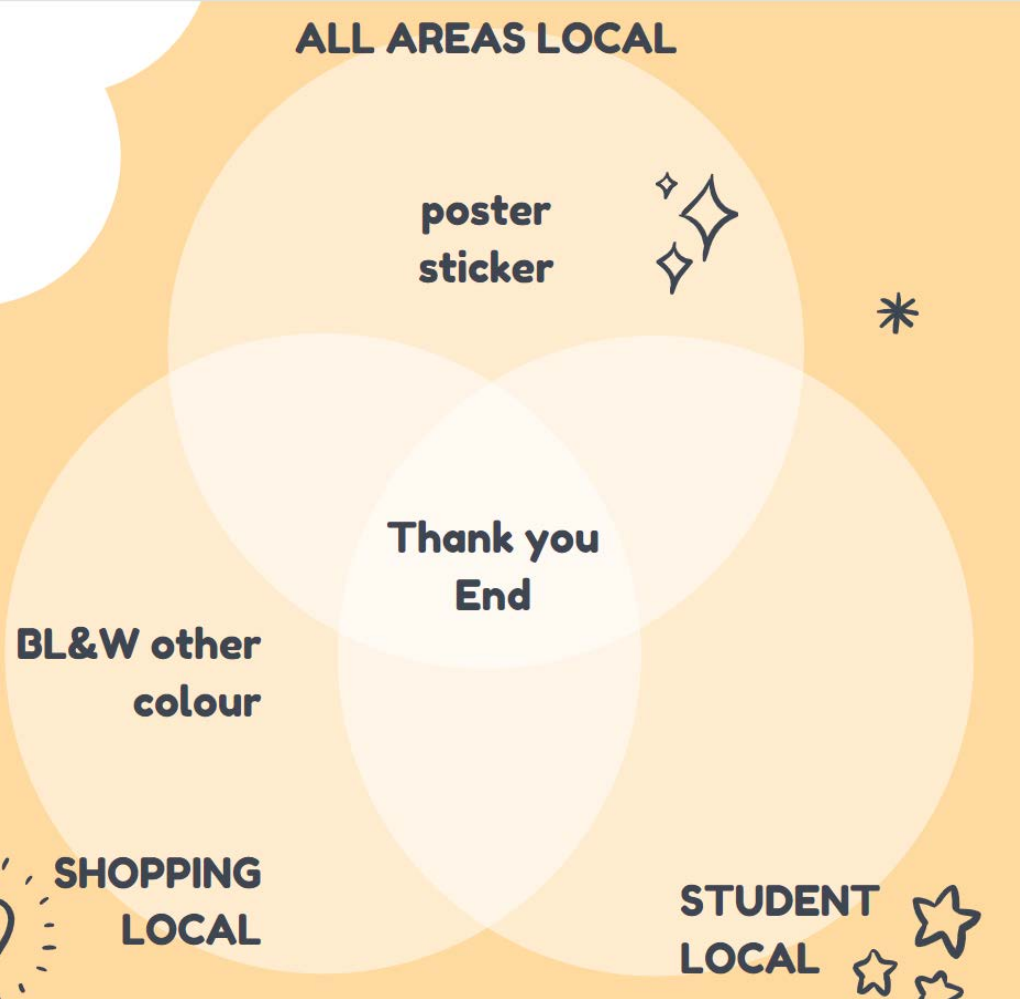When you're in the Shop

Thank you

NO MORE THAN
2
CUSTOMERS AT ANY TIME
IN THE SHOP

Please Wear A Mask

Inside The Shop

ANY TI

Materialisation of **local & chain** business culture

Chain and local businesses in same areas differ

active/pass d. modality
1PP
imperative
poster
govt guide
company colour
B&W

Thank you end

STUDENT CHAIN

STUDENT LOCAL

active d. modality
company
colour
poster

SHOPPING CHAIN

BL&W+other
colour
Thank you End

SHOPPING LOCAL

active d. modal
1PP
imperative
sandwich position
window
BL&W+

poster
sticker
Thank you End

ALL AREAS CHAIN

ALL AREAS LOCAL