Algorithms and the Filter Bubble

Stilgherrian

University of Technology Sydney

7 April 2014

The West Australian

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SYDNEY 16.9° 18 - 23

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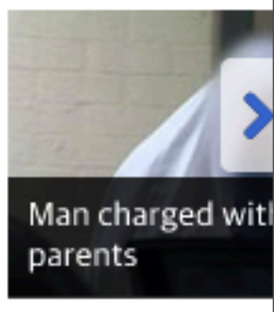
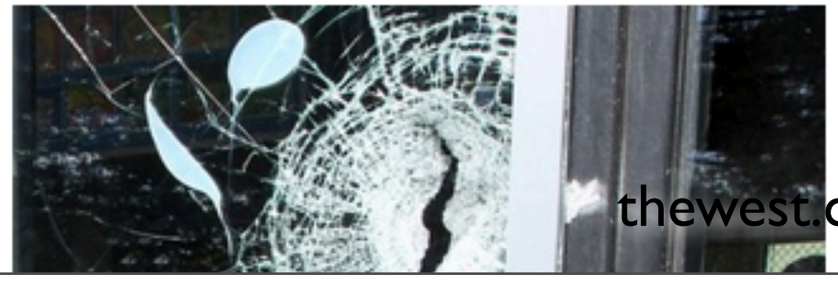
Possible black box signals investigated


Man charged wit parents

All eyes on sixth seat

Search honed after multiple signals



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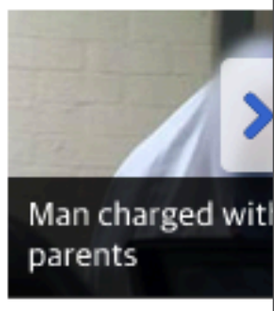
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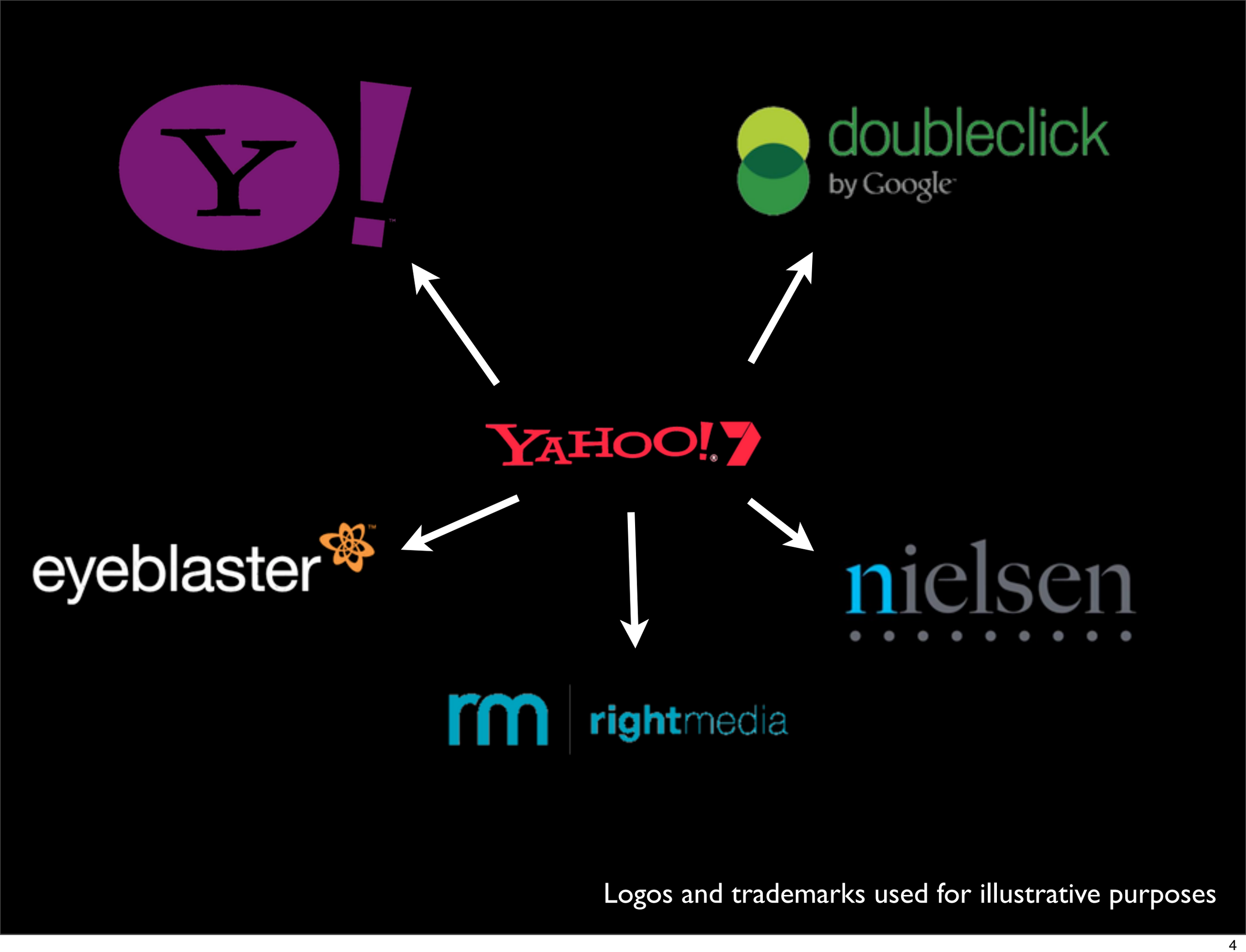
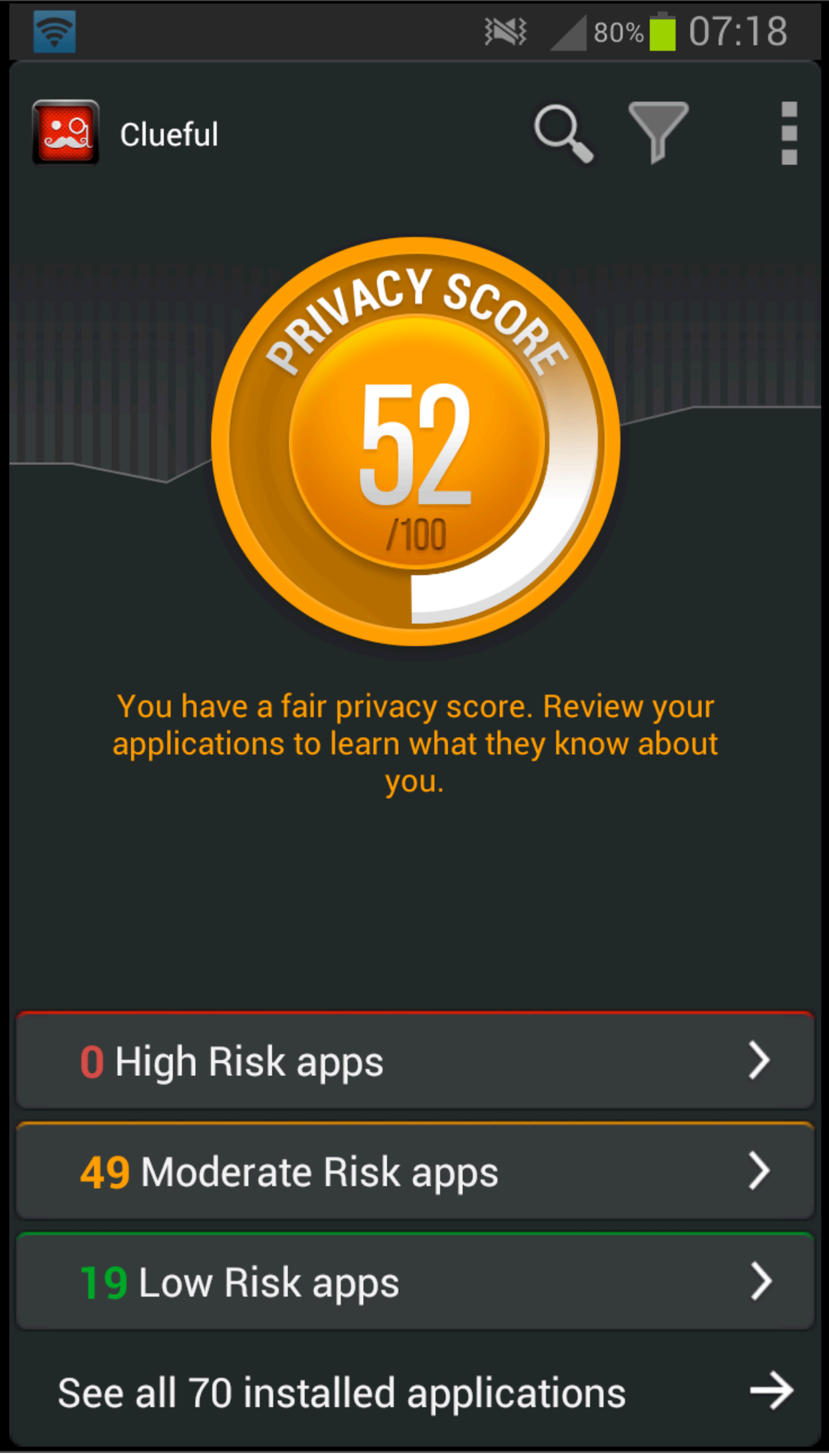


Logos and trademarks used for illustrative purposes



Screenshots from Bitdefender Clueful for Android

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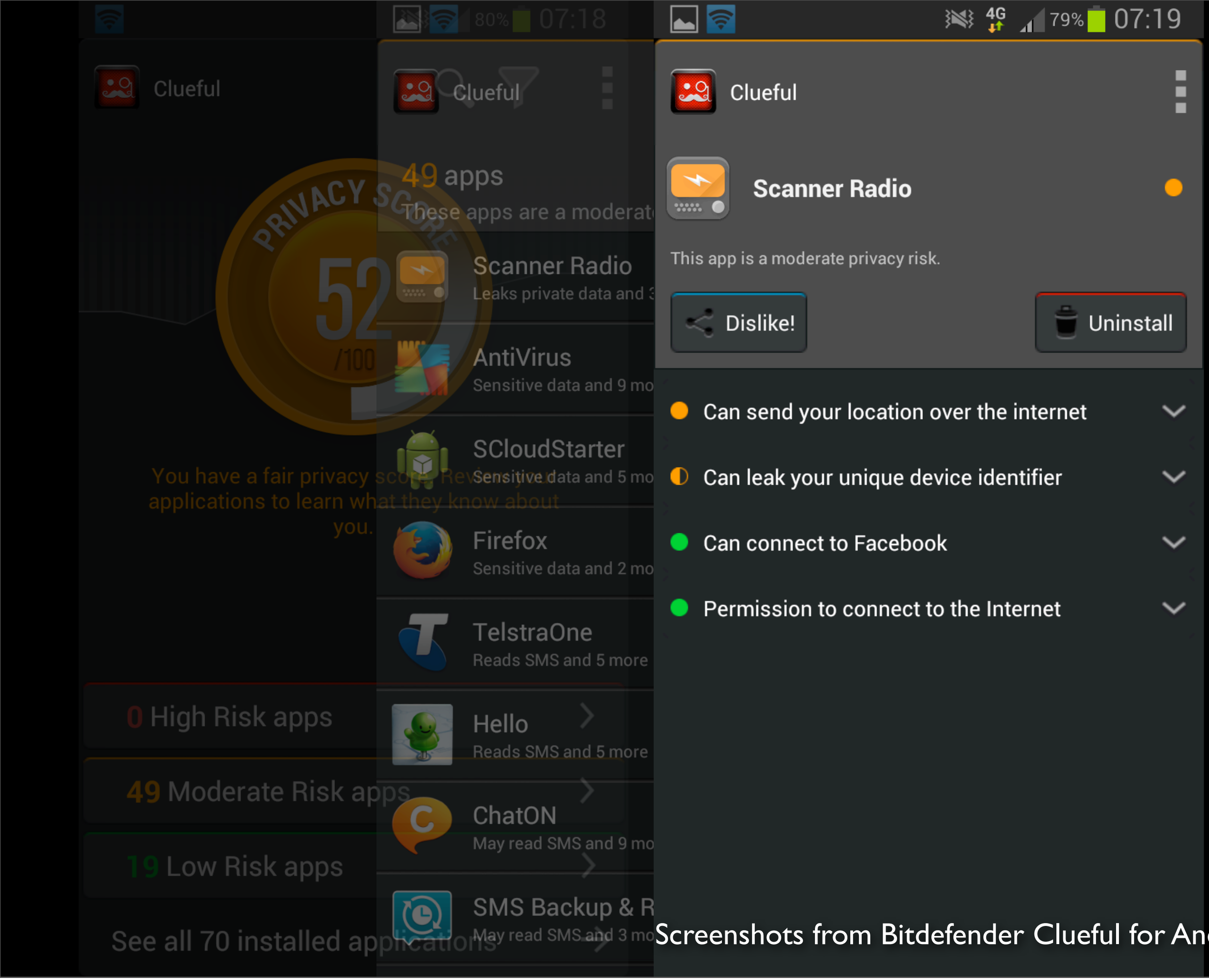

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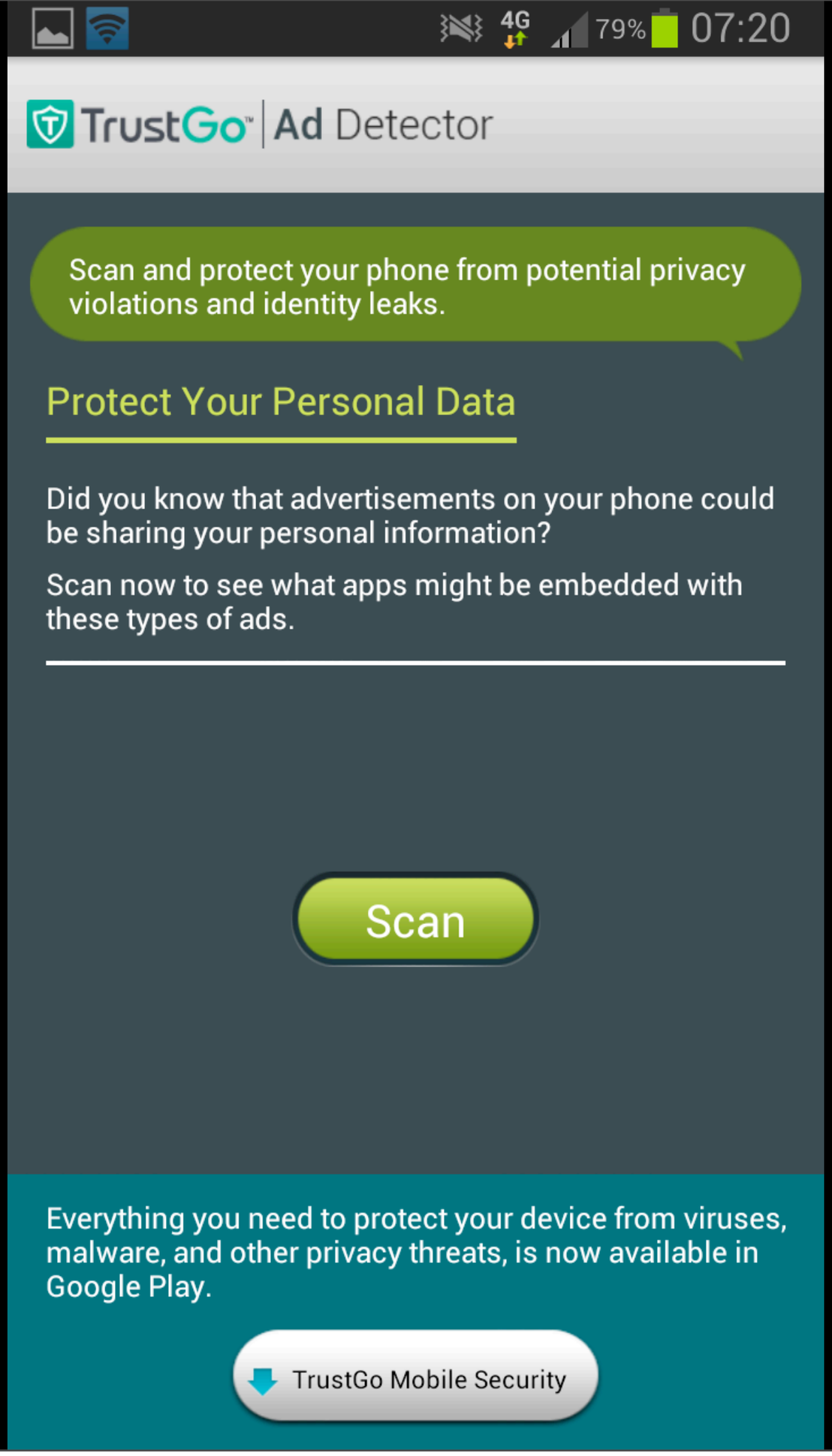
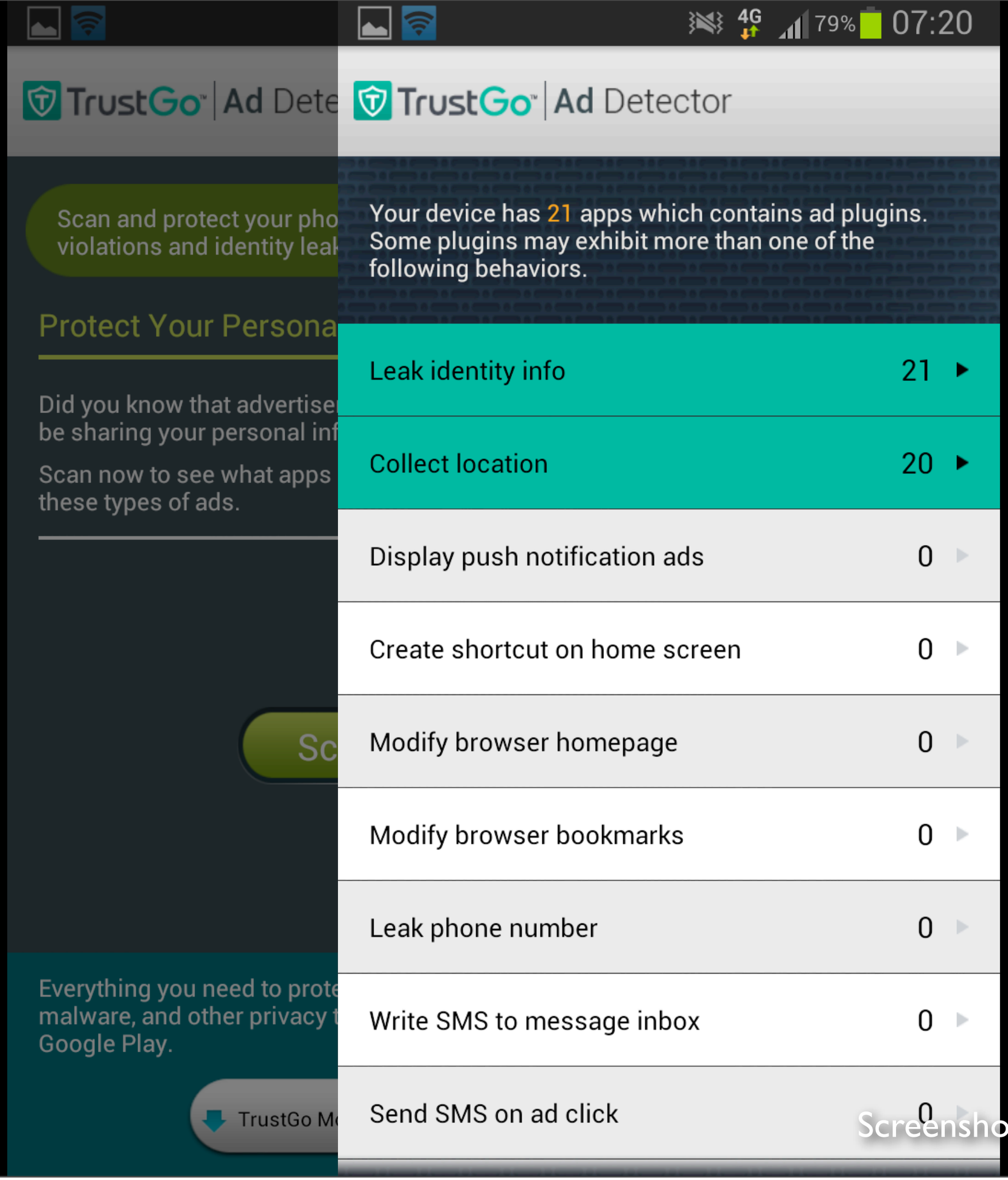


Screenshots from TrustGo Ad Detector



Screenshots from TrustGo Ad Detector

TrustGo | Ad Detector

Scan and protect your phone from potential privacy violations and identity leaks.

Protect Your Personal Data

Did you know that advertisements on your phone could be sharing your personal information?

Scan now to see what apps might be embedded with these types of ads.

Scan

Everything you need to protect your device from viruses, malware, and other privacy threats is now available in Google Play.

TrustGo Mobile Security

TrustGo | Ad Detect

Your device has 21 apps which
Some plugins may exhibit mor
following behaviors.

Leak identity info

Collect location

Display push notification ads

Create shortcut on home scr

Modify browser homepage

Modify browser bookmarks

Leak phone number

Write SMS to message inbox

Send SMS on ad click

79% 07:20

TrustGo | Ad Detector

Your device has 21 apps which contains ad plugins.
Some plugins may exhibit more than one of the following behaviors.

AVG PrivacyFix
AdMob, Millennial

Flightradar24 Free
AdMob

Gmail
AdMob

Google Search
AdMob

Hangouts
AdMob

Google Play Movies
AdMob

YouTube

4G 78% 07:21

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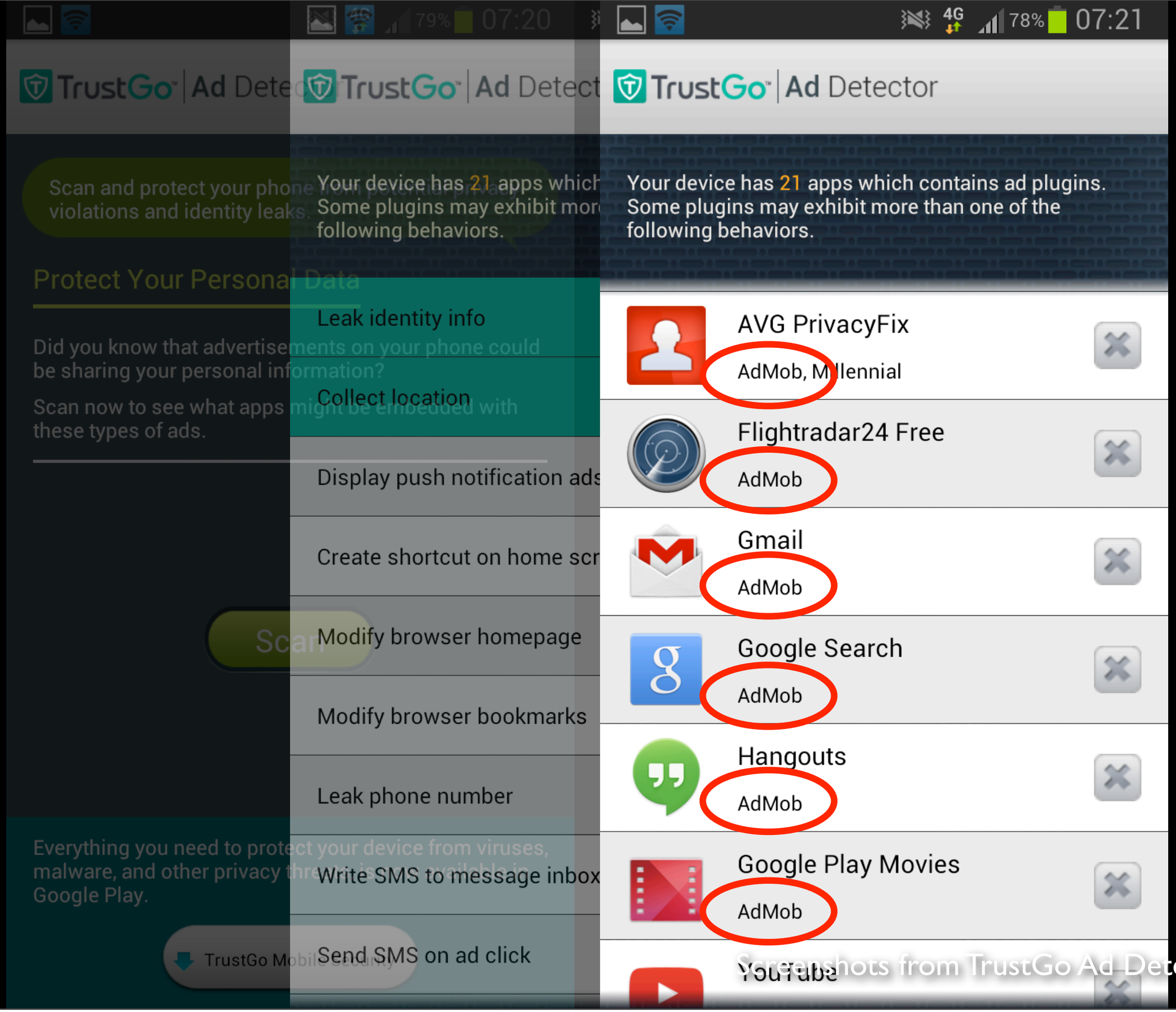

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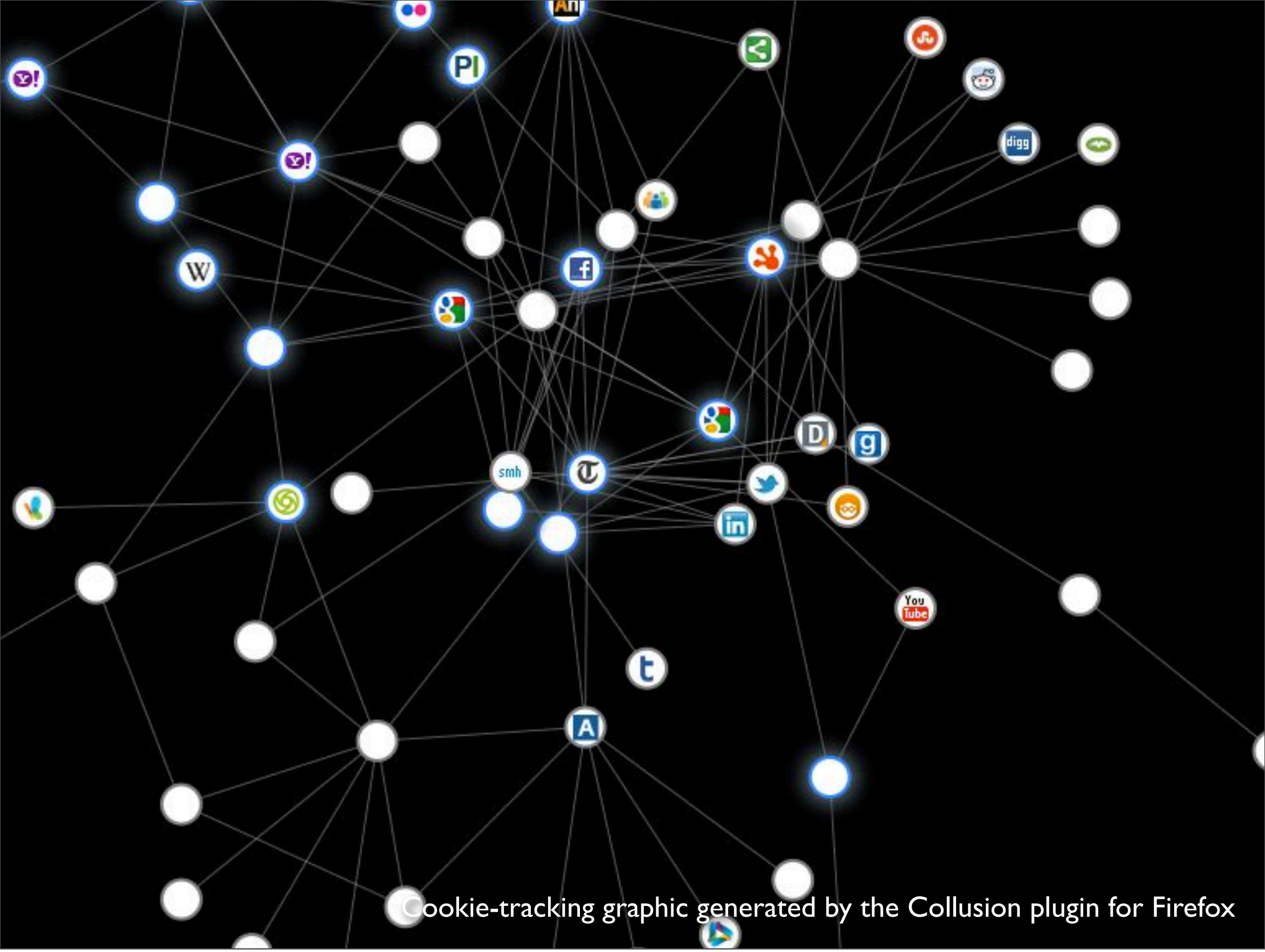

Cookie-tracking graphic generated by the Collusion plugin for Firefox

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F-Secure

NEW RESEARCH: More than half of the top 100 URLS are tracking you

0 Comments Like 784 Tweet 113 g+1 2 Share 7 Share 30

You've probably never heard of most of the 100 top URLs in world.

In fact, most users have no idea that they've even accessed most of the 89 domains the average user interacts with in a month.

A new F-Secure Labs study of the top 100 URLS accessed by customers all over the globe shows that of the world's top URLs only 15% were accessed directly. The remaining 85% were accessed by other websites or software on the users PCs. Of the 85% accessed automatically, 10% come from ad-serving domains, 35% are ad-serving domains with tracking components and 19% are purely tracking domains.

http://safeandsavvy.f-secure.com/2014/04/03/new-research-more-than-half-of-the-top-100-urls-are-tracking-you/

providing anonymous marketers precious information about your interests, tastes and lifestyle.

Data Brokers

- Acxiom
- Equifax
- Experian
- Datalogix

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Earthquake: 3.2 quake strikes near San Simeon

February 1, 2013 | 5:36 am

Comments 0 +1 0 Tweet 17 Recommend 8

A shallow magnitude 3.2 earthquake was reported Friday morning seven miles from San Simeon, according to the U.S. Geological Survey. The temblor occurred at 5:28 a.m. PST at a depth of 3.7 miles.

According to the USGS, the epicenter was eight miles from Cambria, 12 miles from Lake Nacimiento, 22 miles from Paso Robles and 124 miles from San Jose City Hall.

In the past 10 days, there has been one earthquake magnitude 3.0 and greater centered nearby.

http://latimesblogs.latimes.com/ screenshot 25 March 2013

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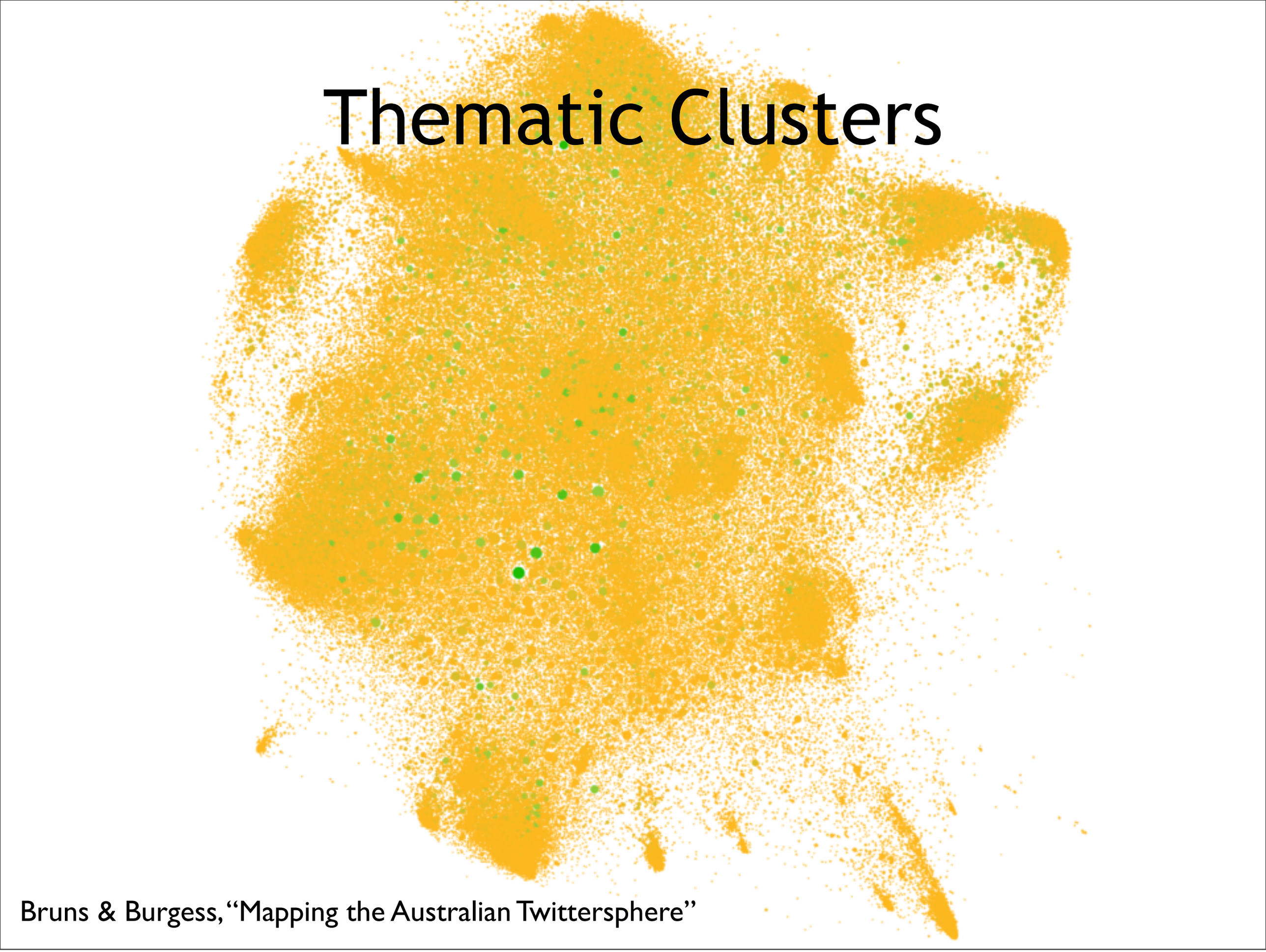

Bruns & Burgess, "Mapping the Australian Twittersphere"

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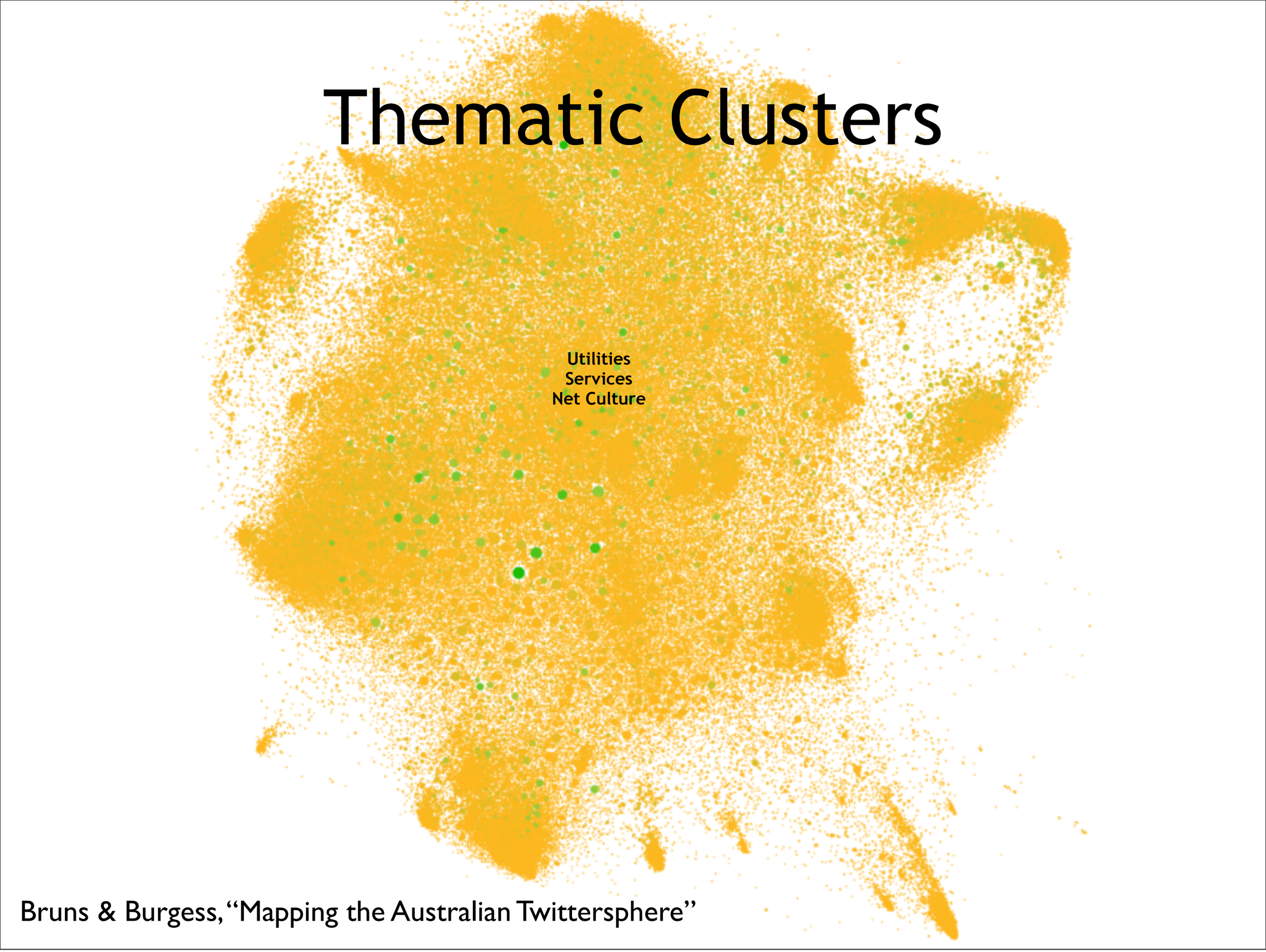

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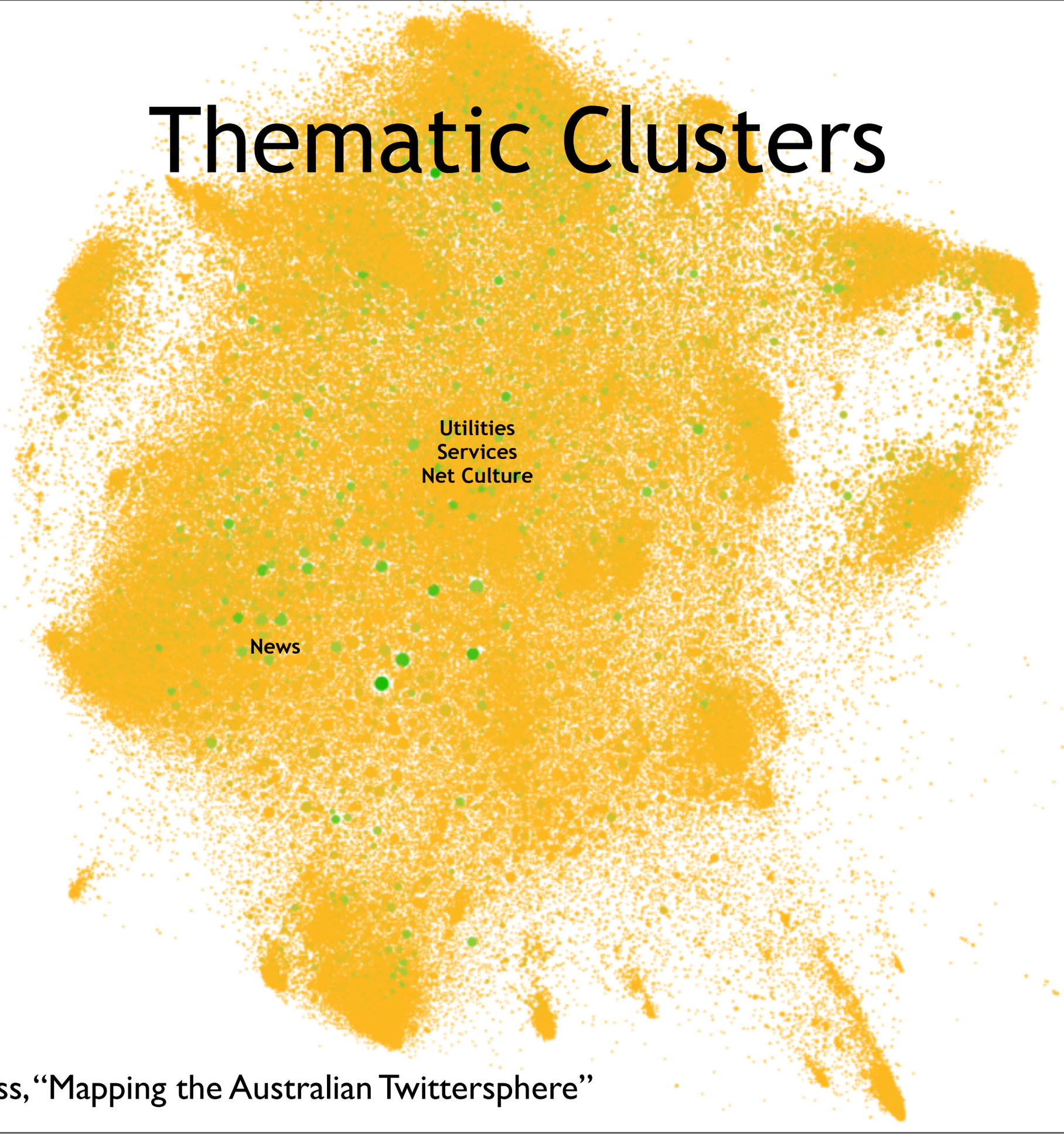

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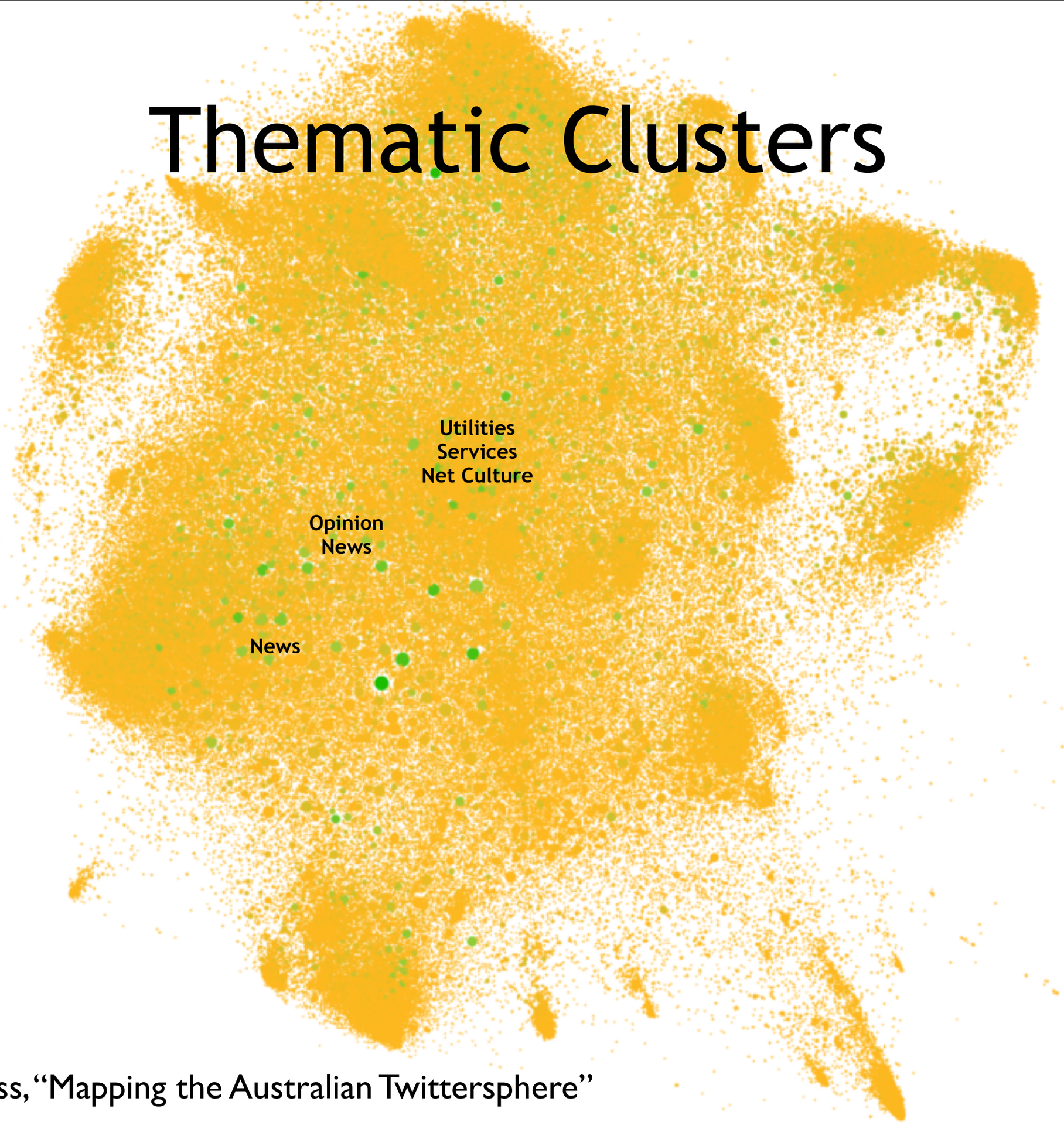

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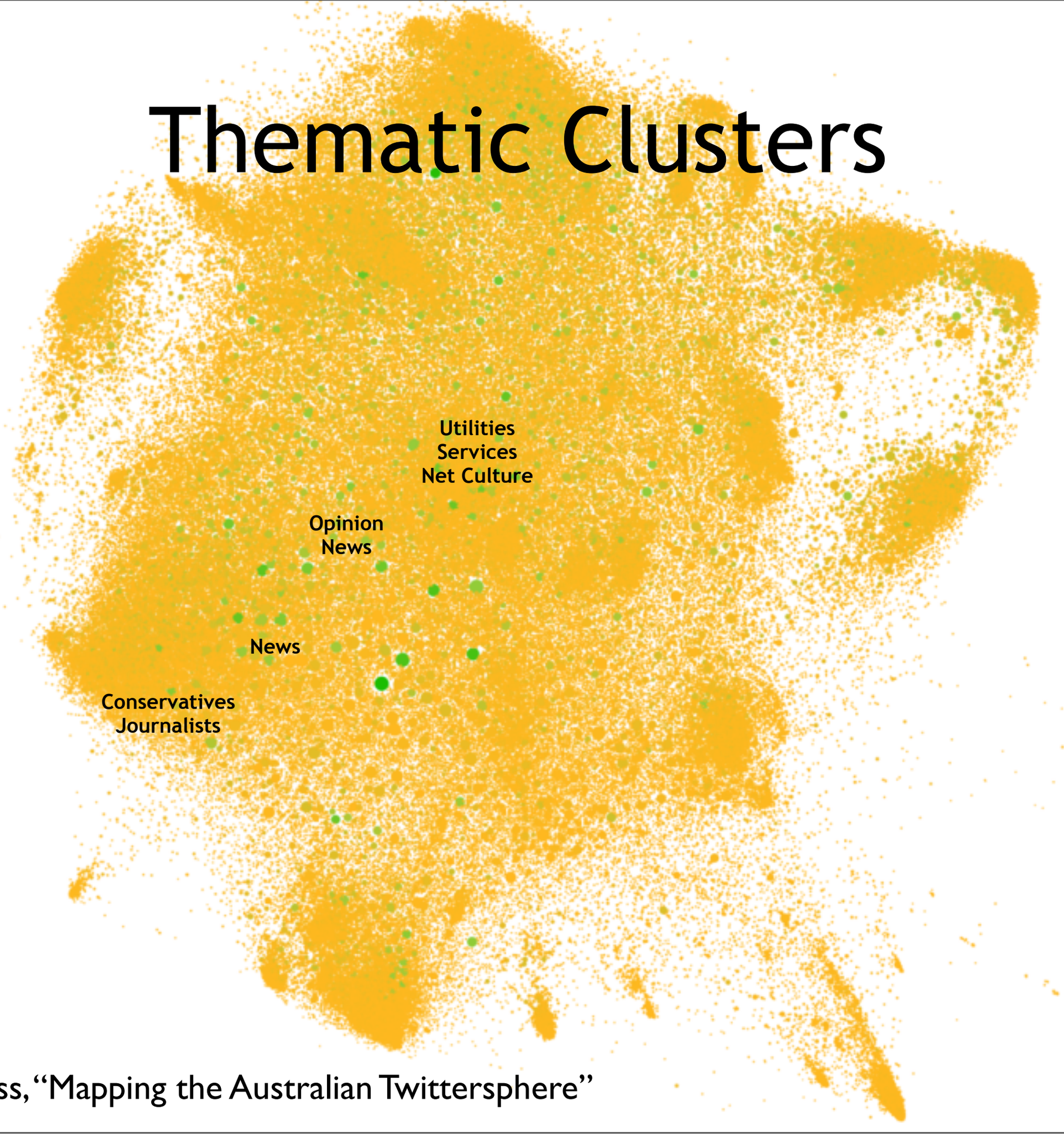

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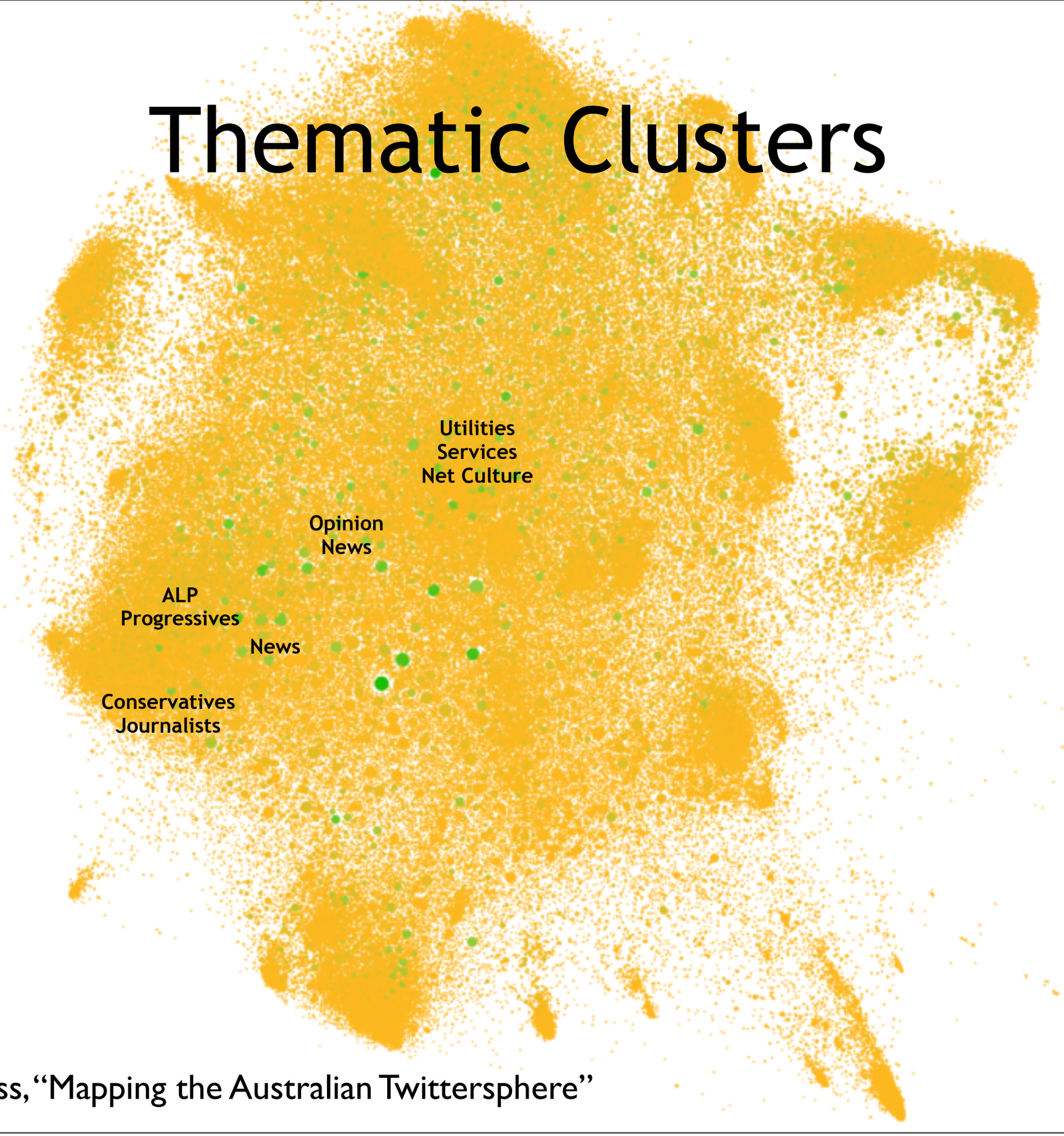

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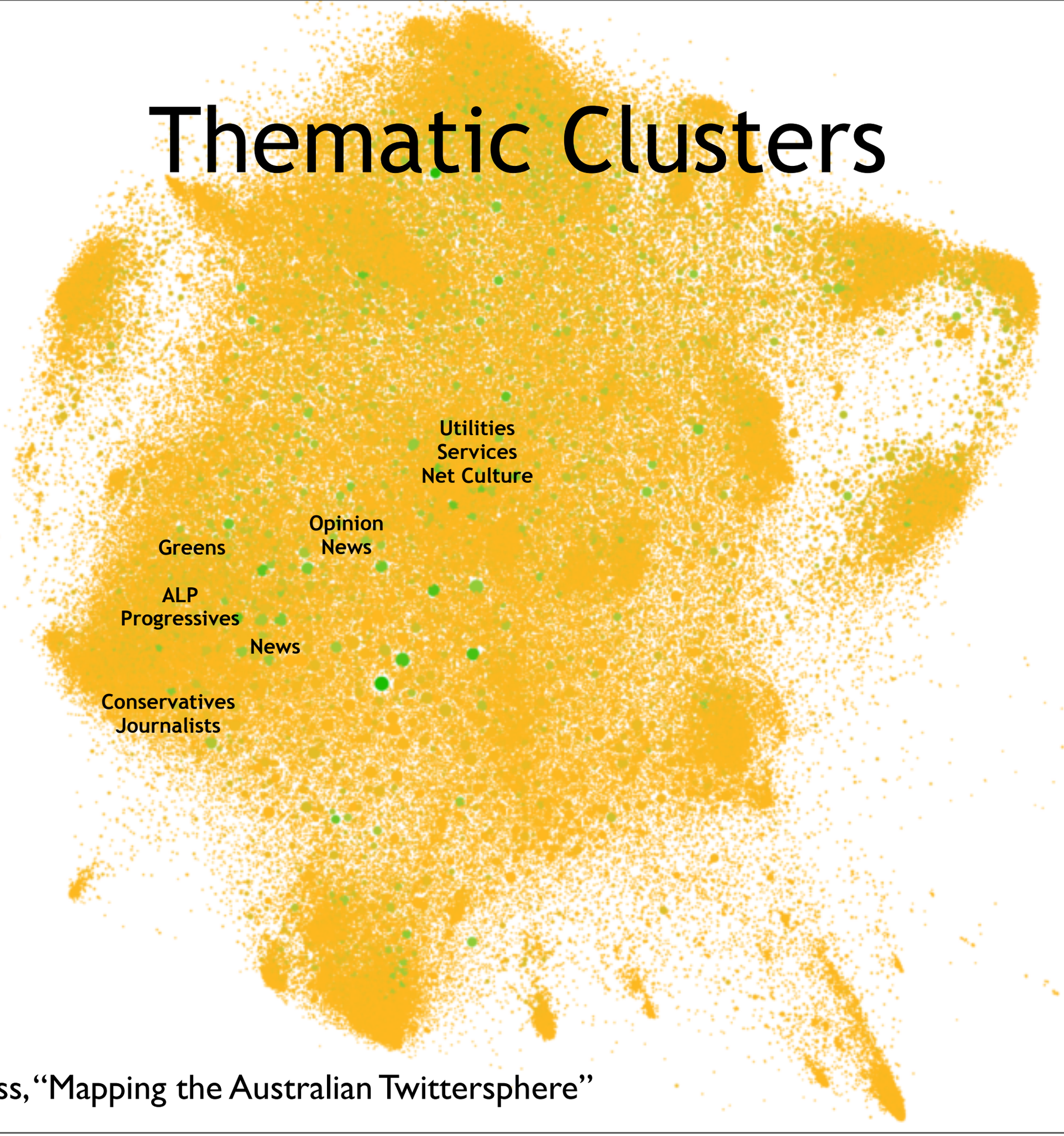

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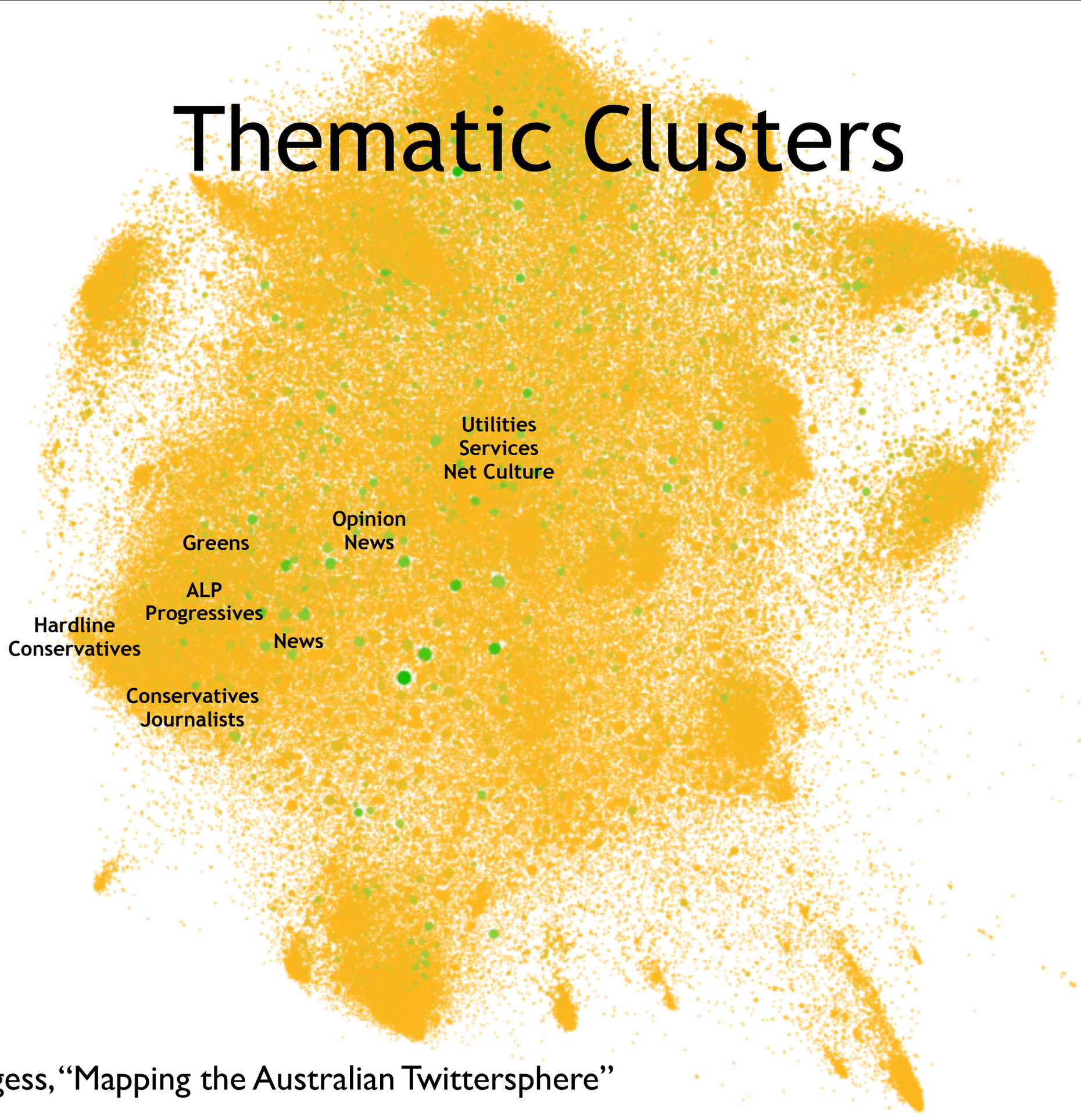

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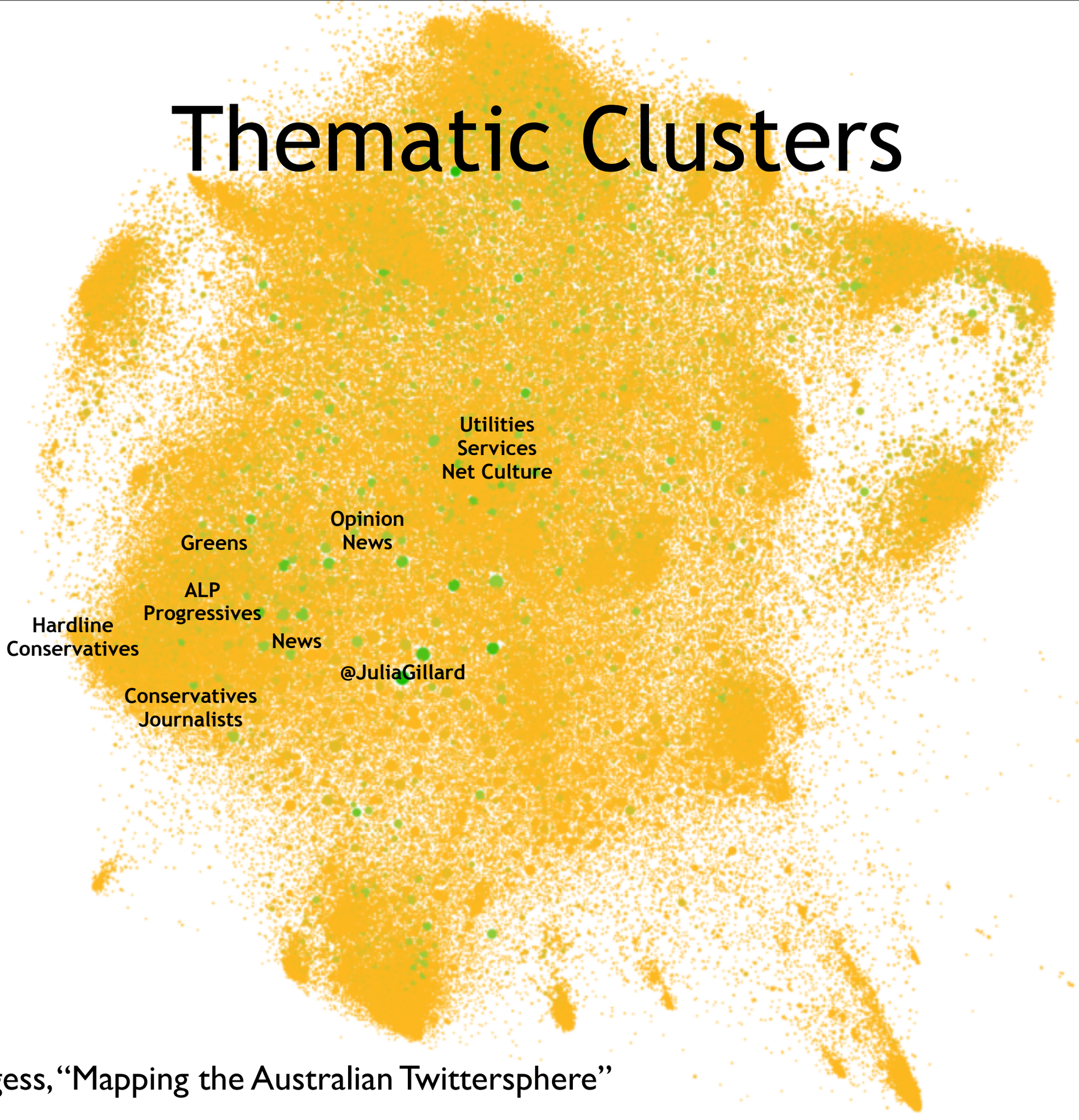

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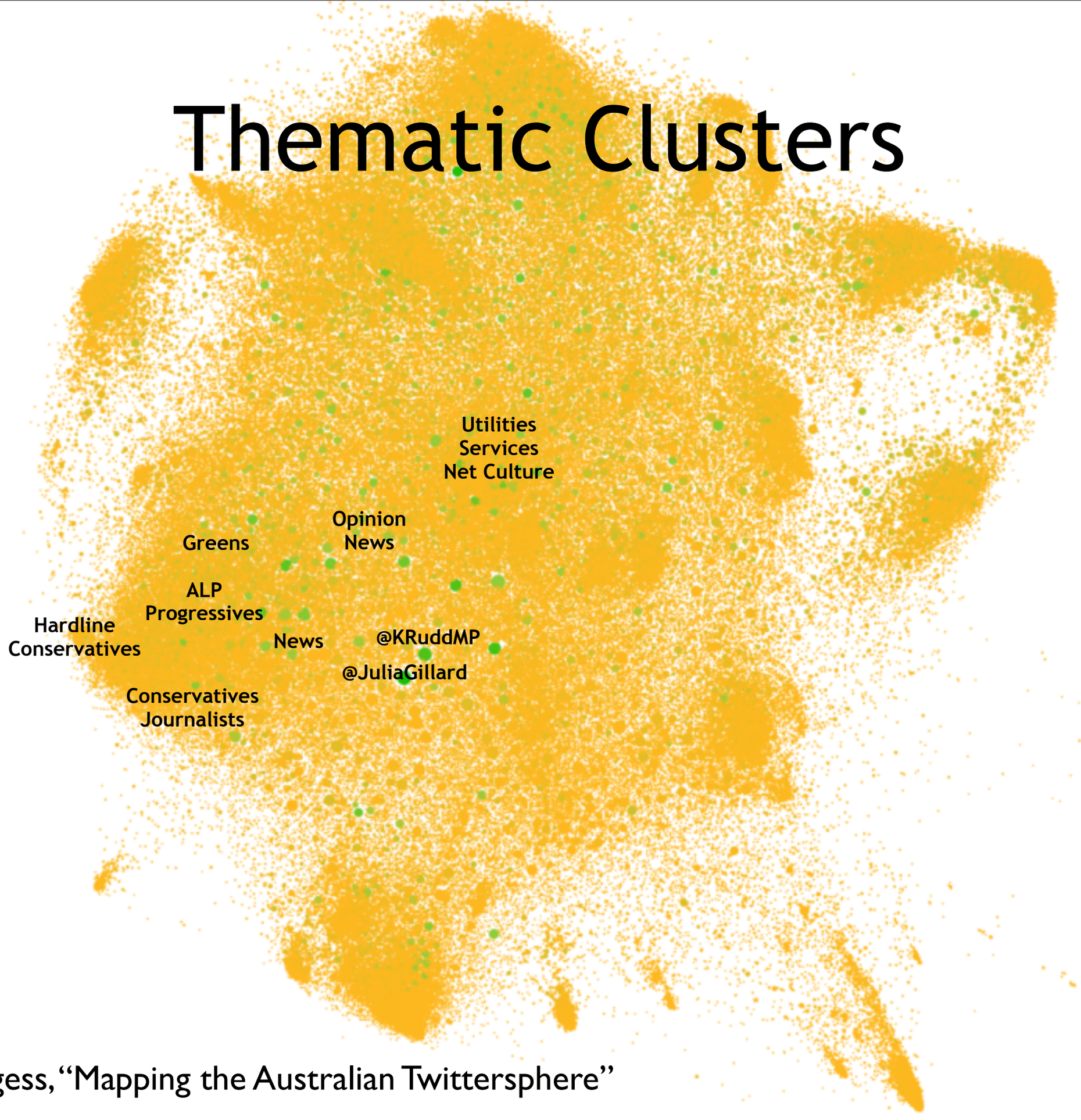

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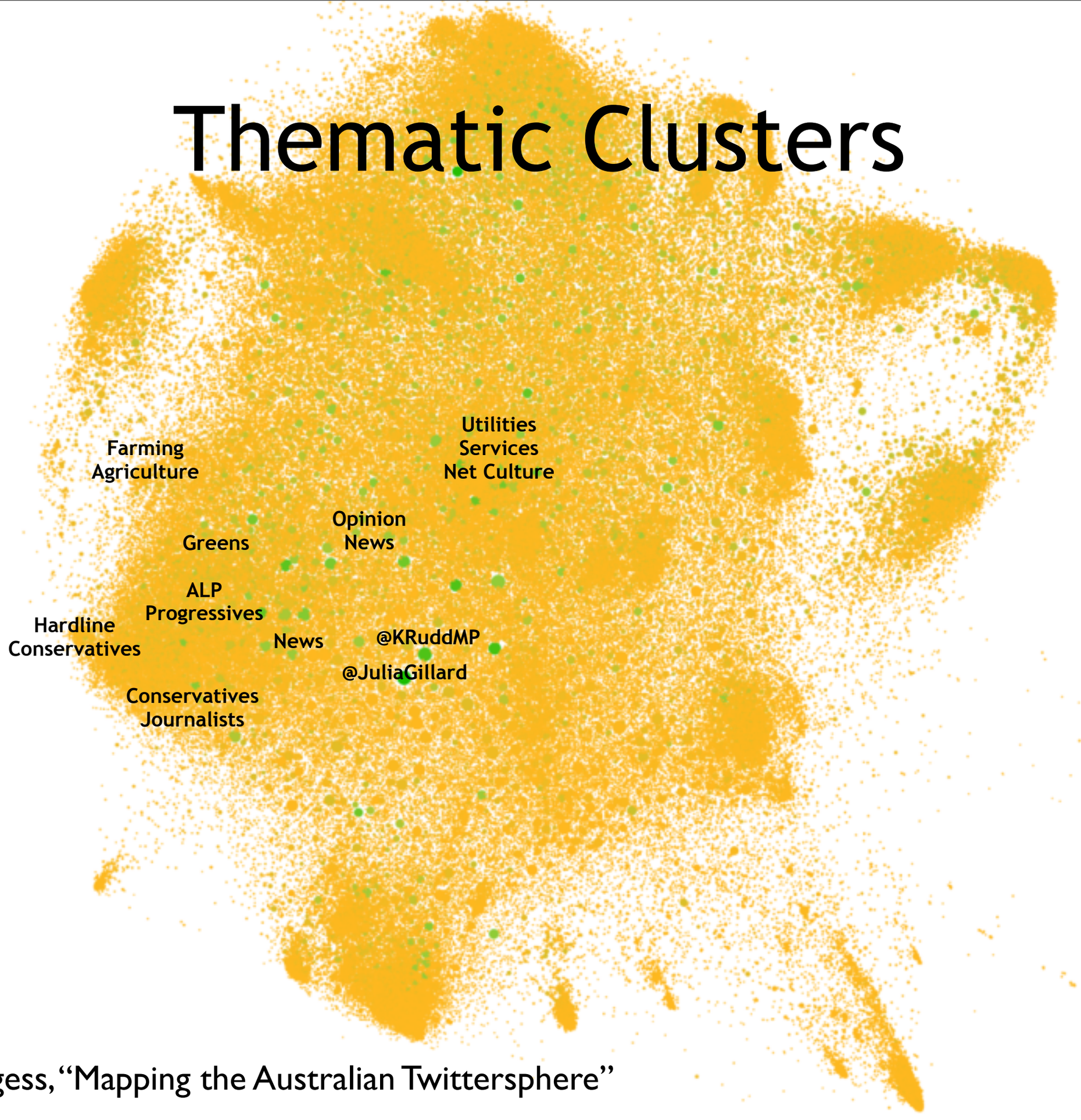

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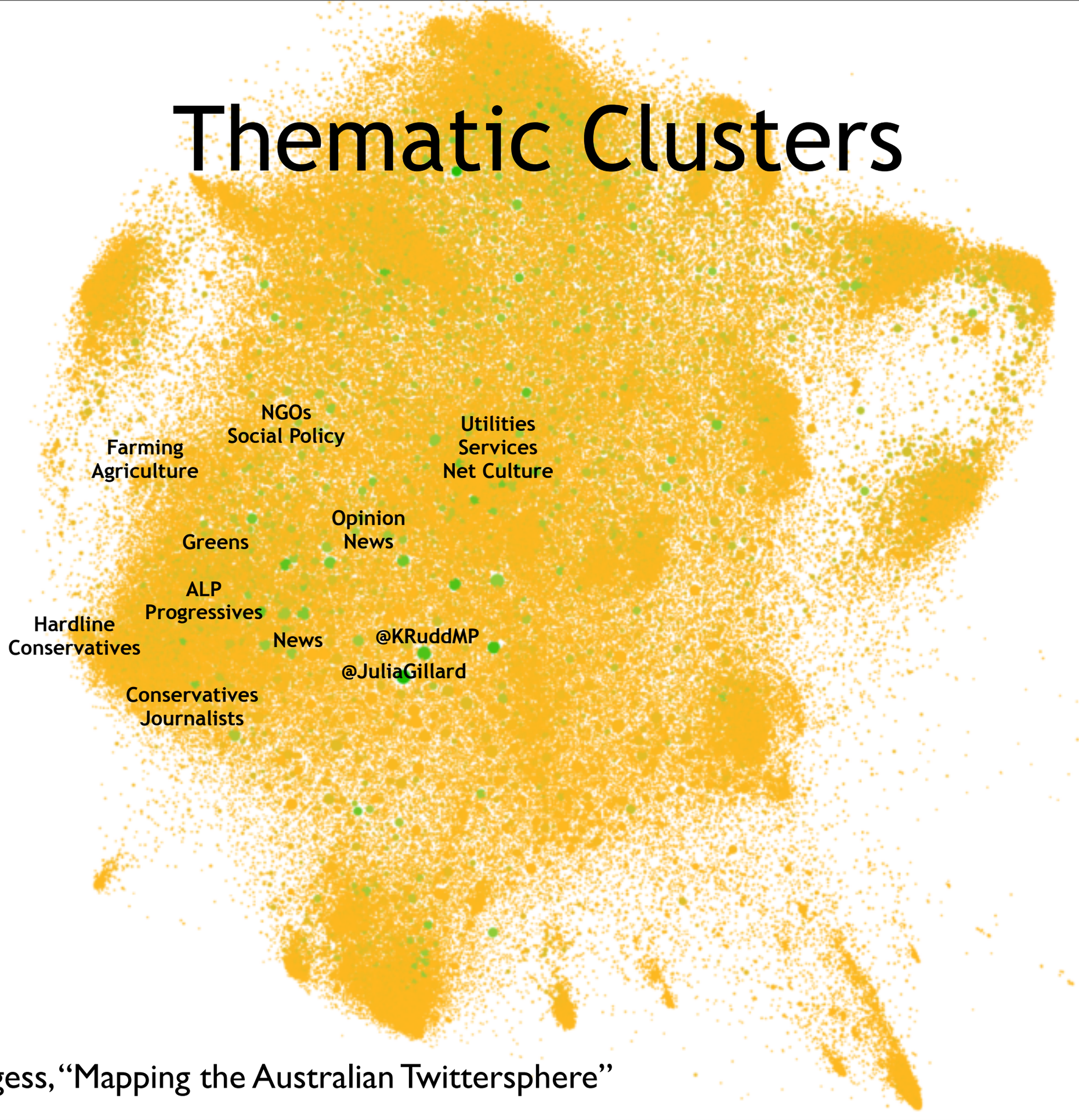

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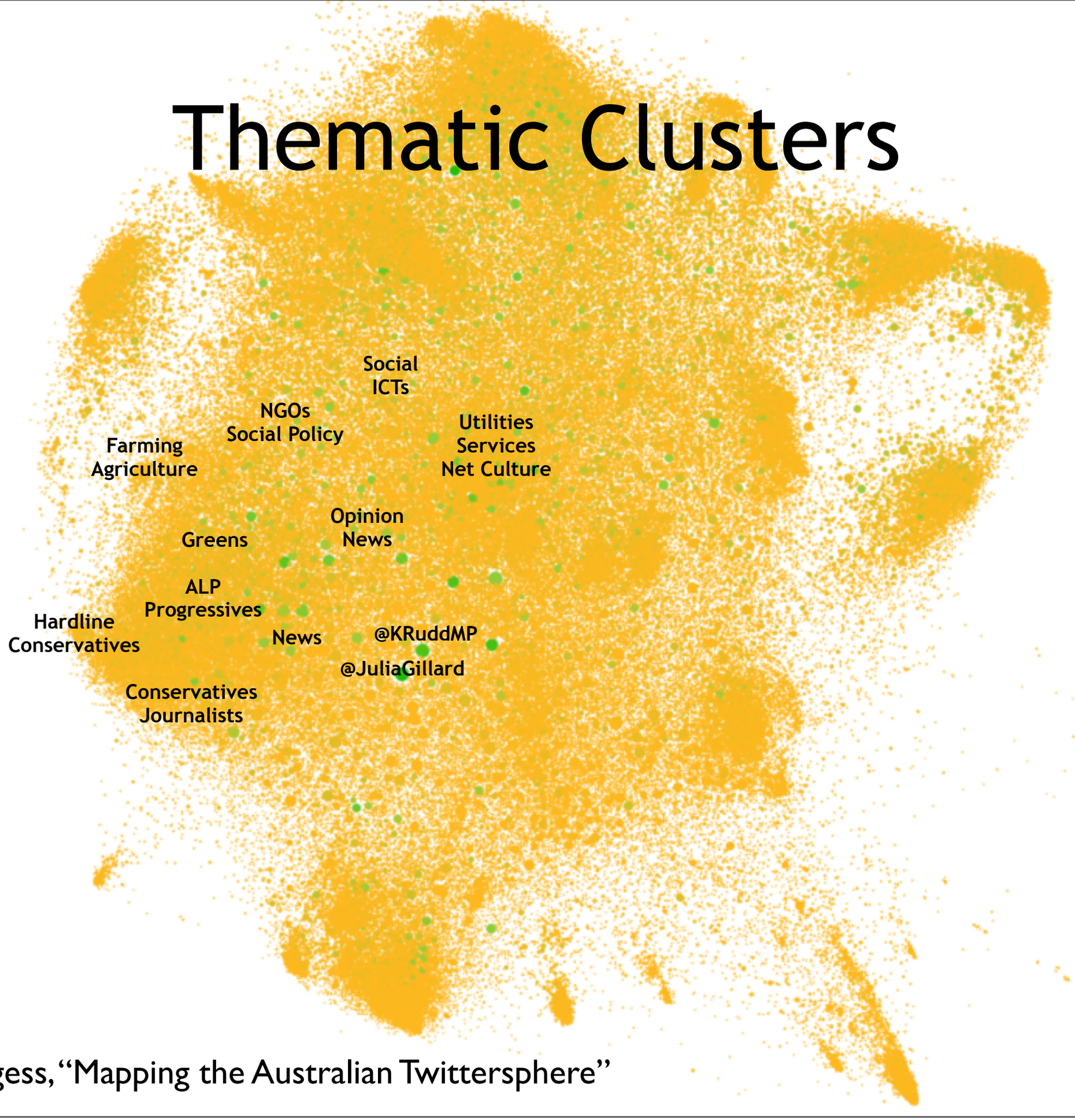

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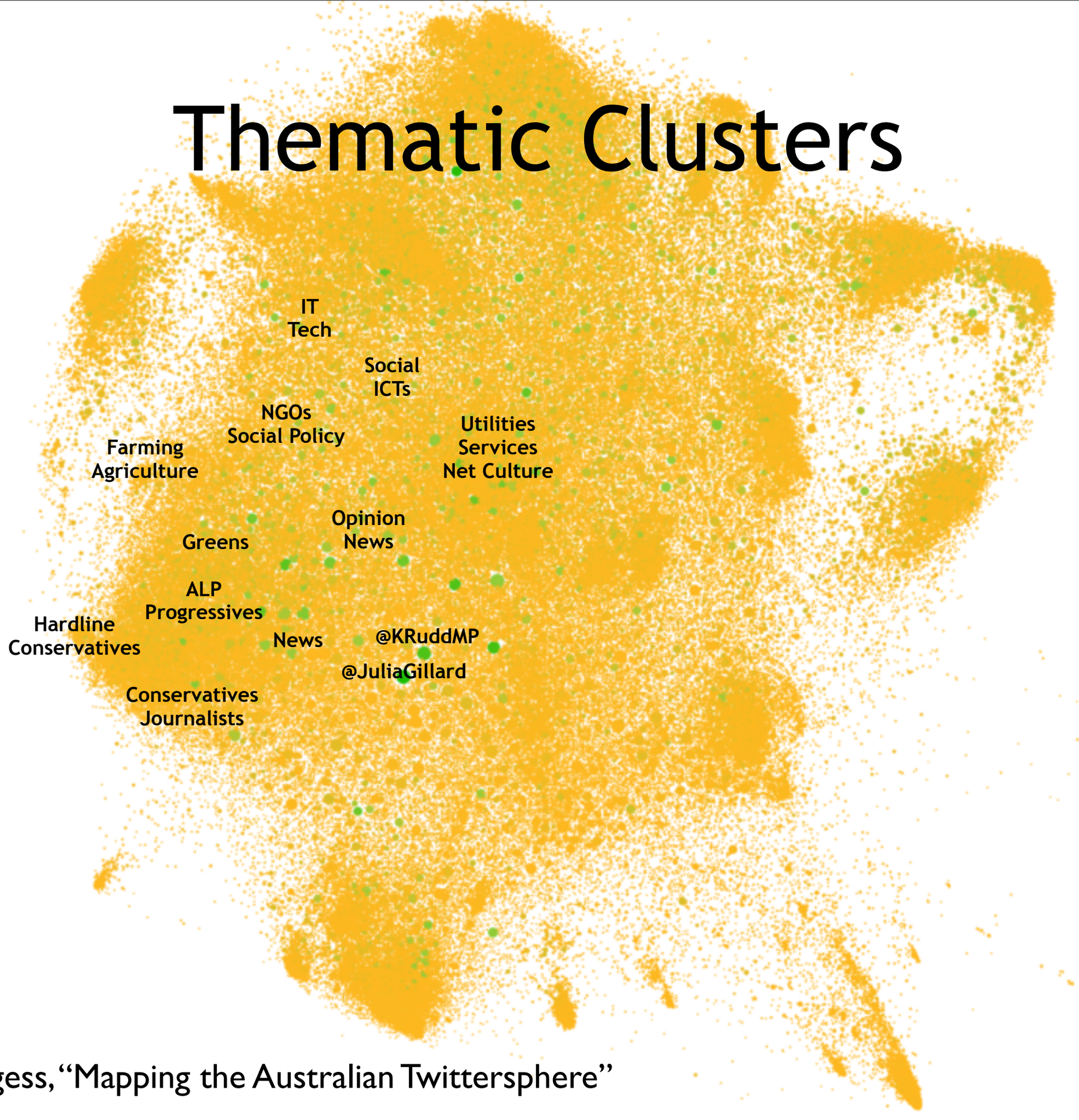

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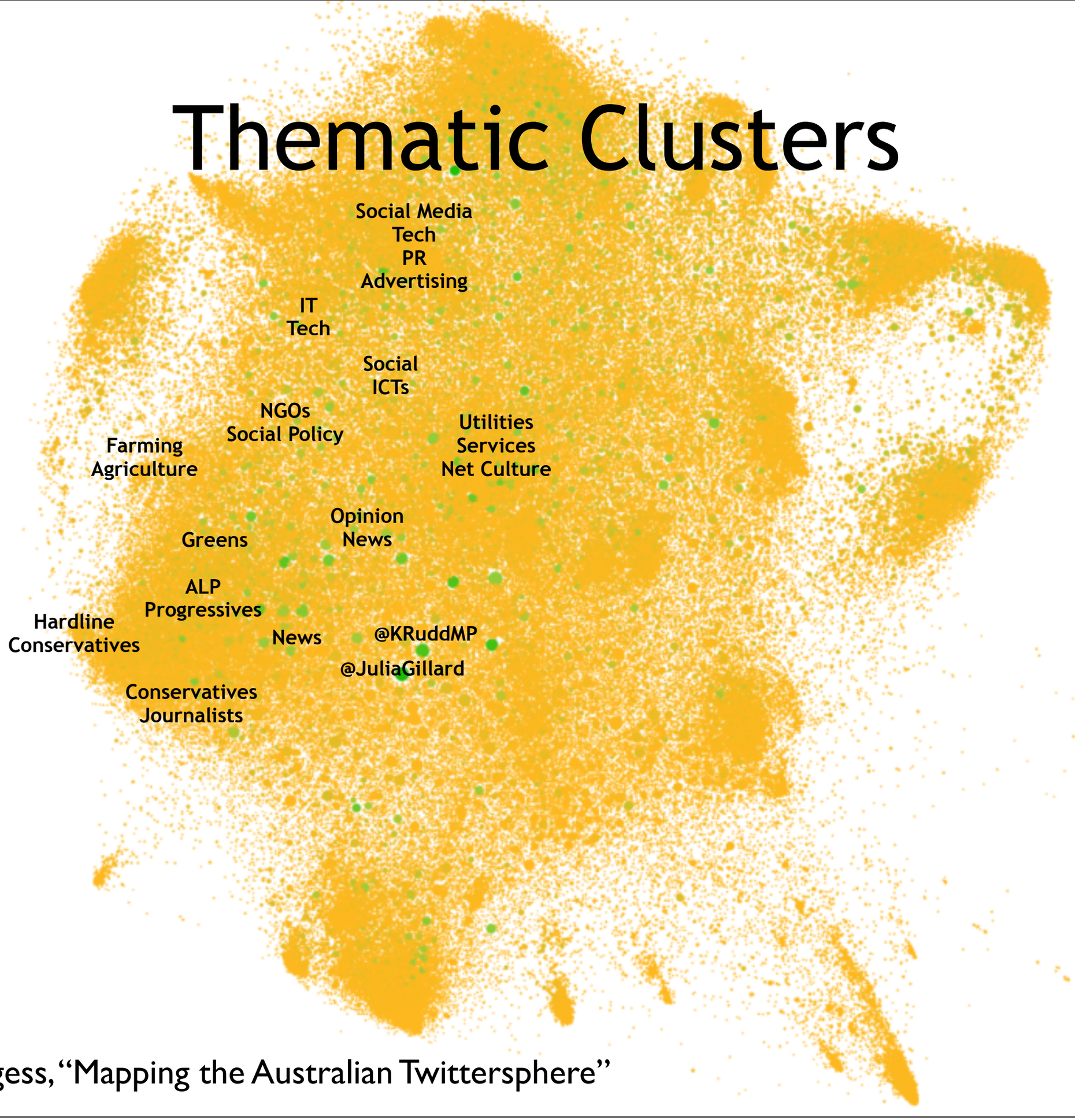

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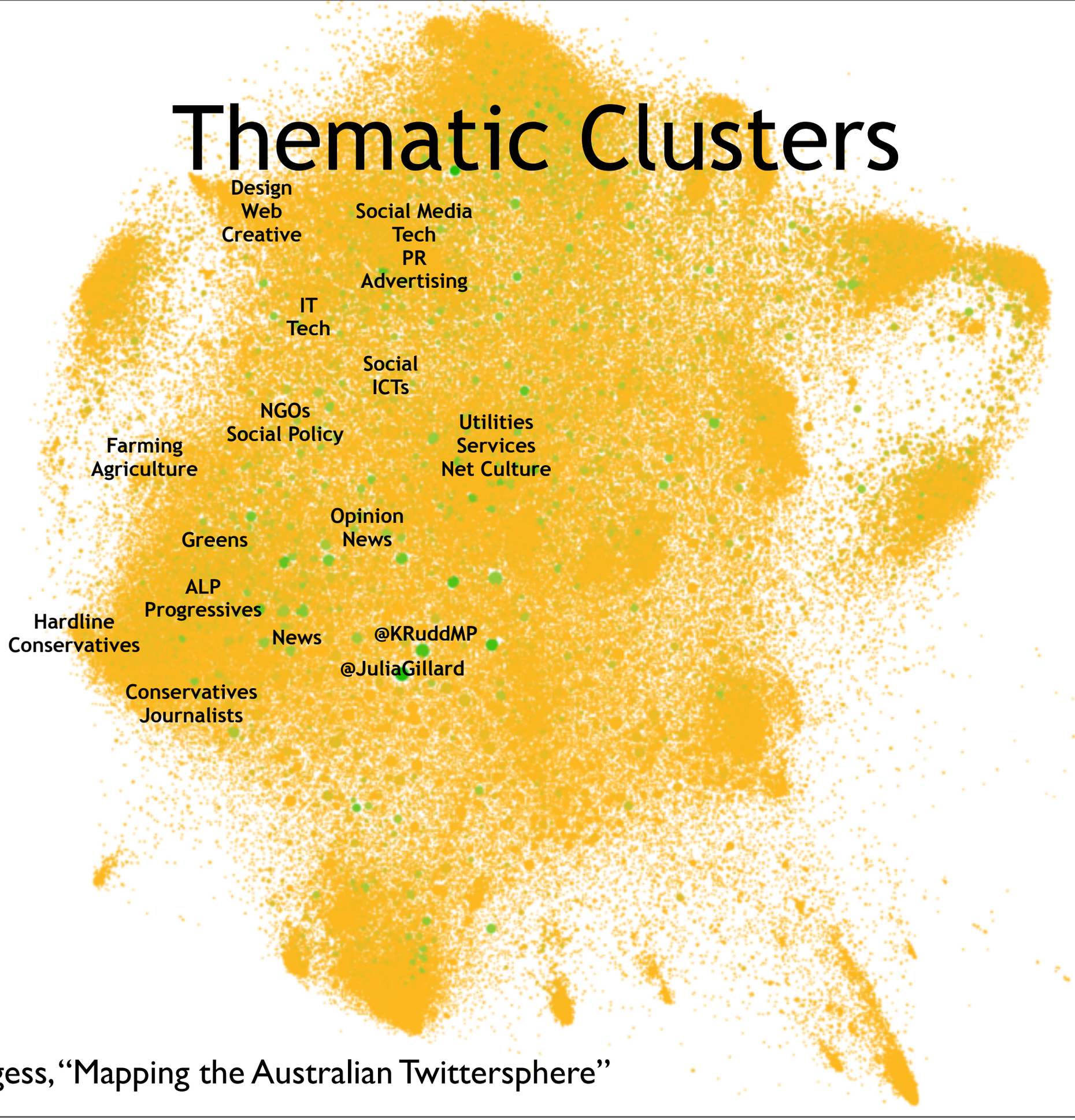

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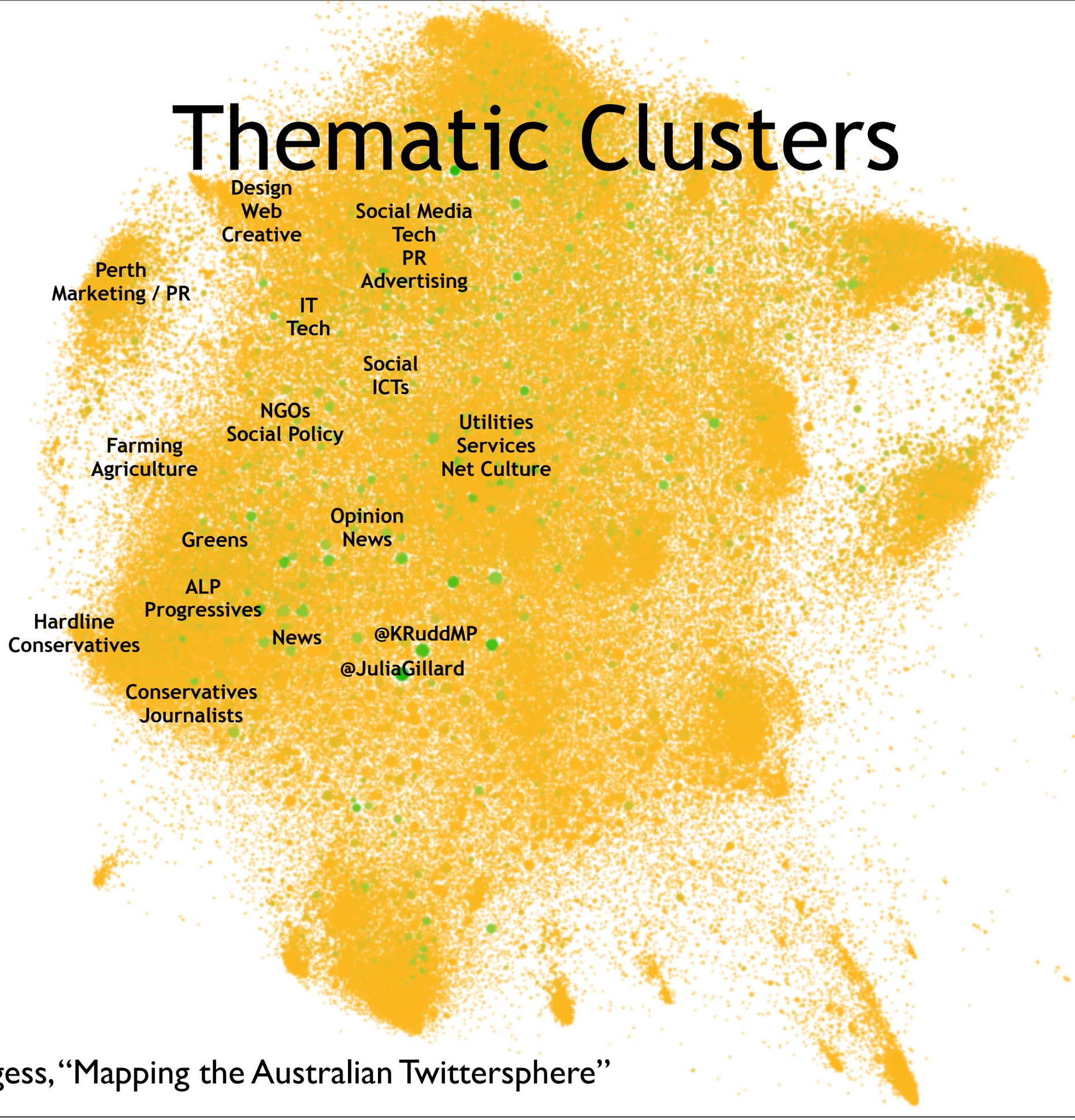

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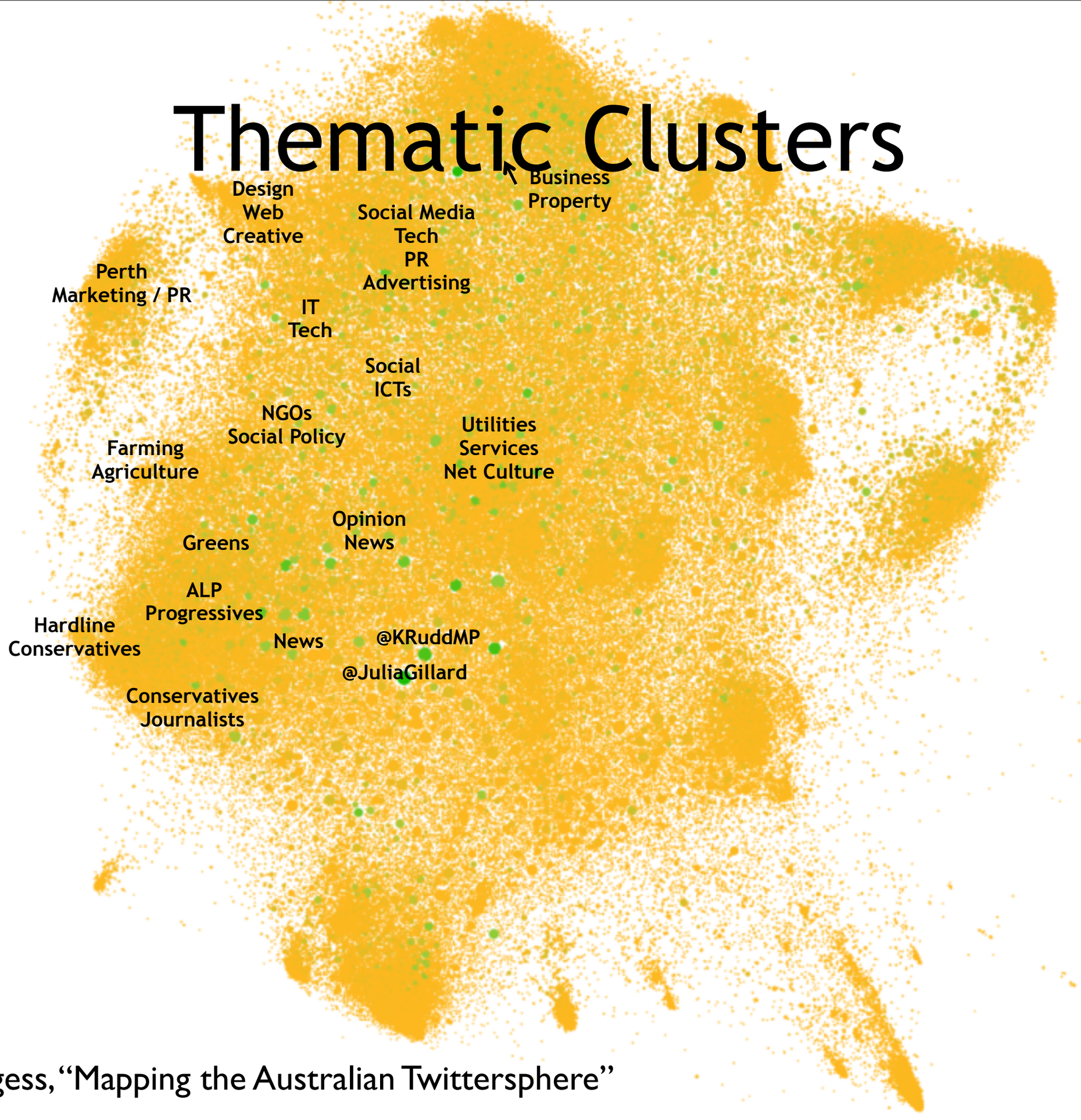

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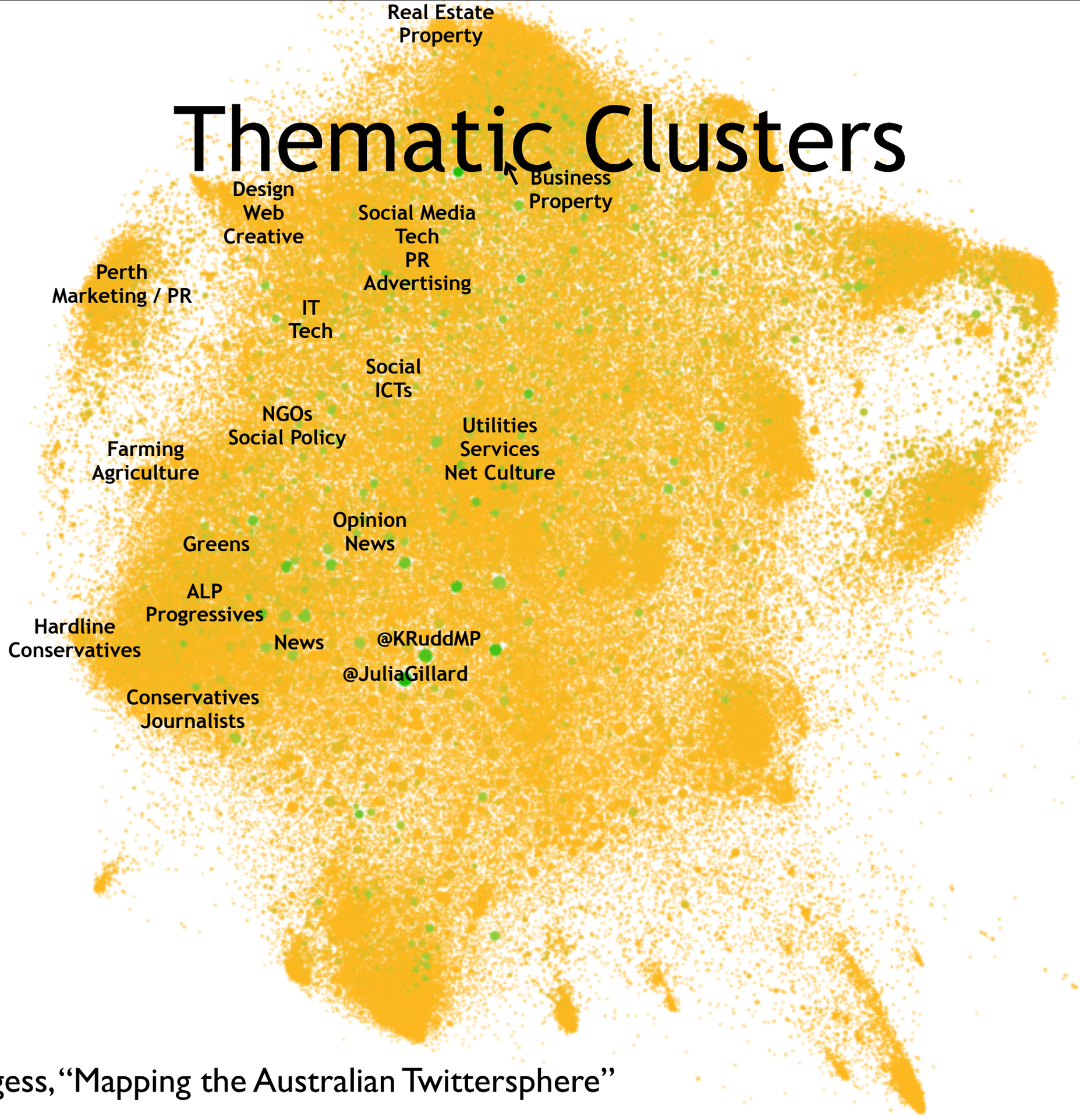

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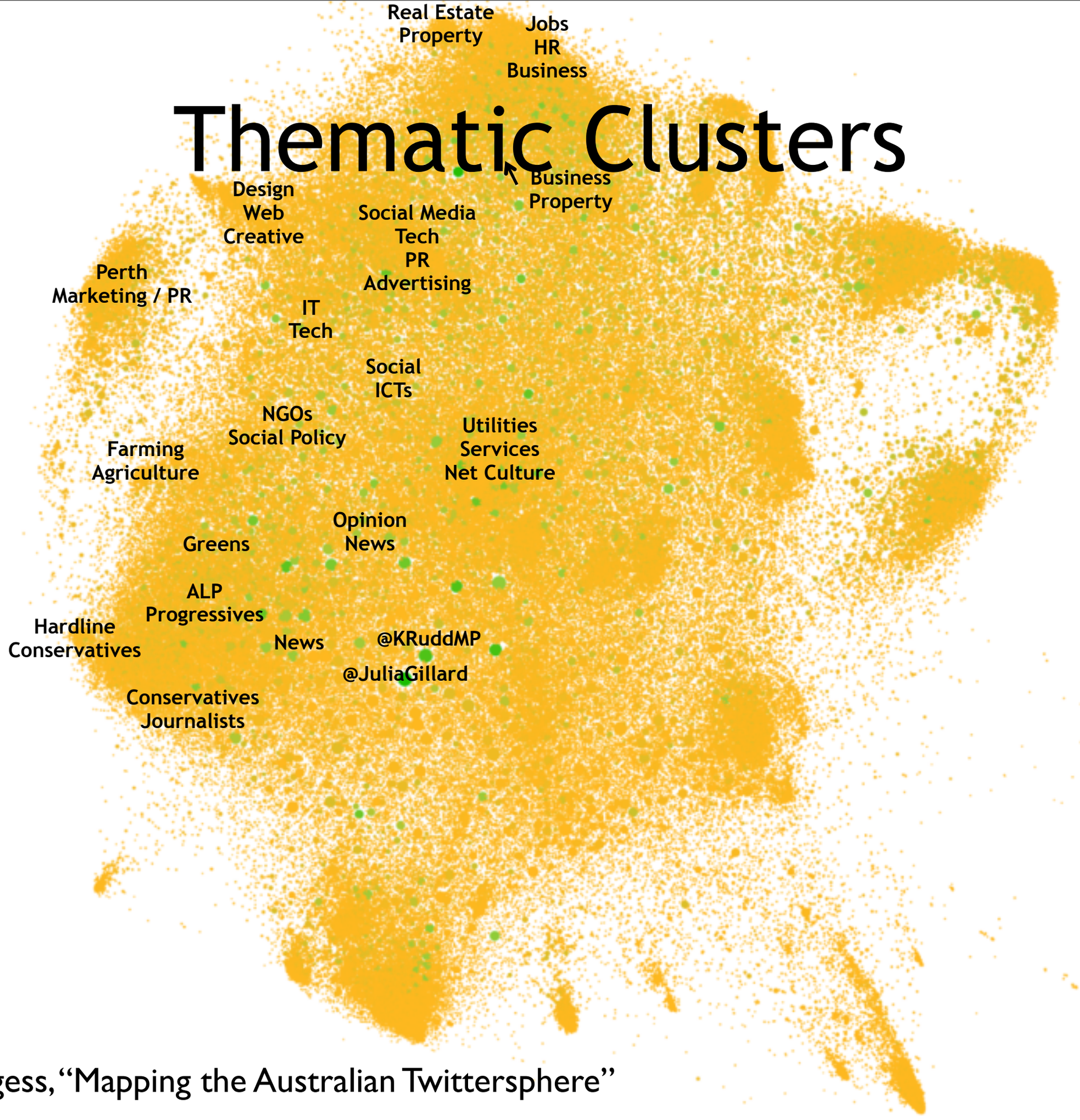

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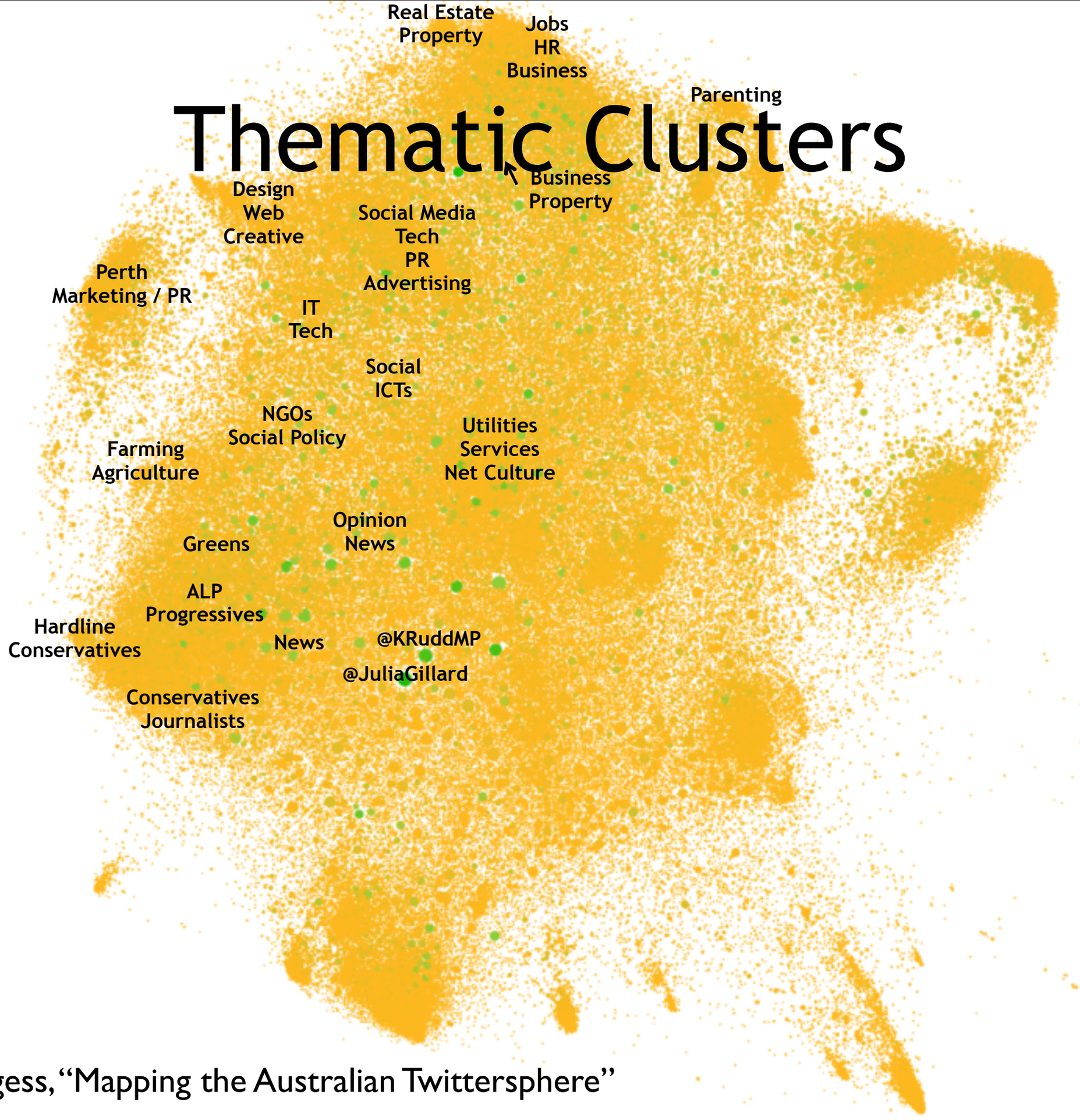

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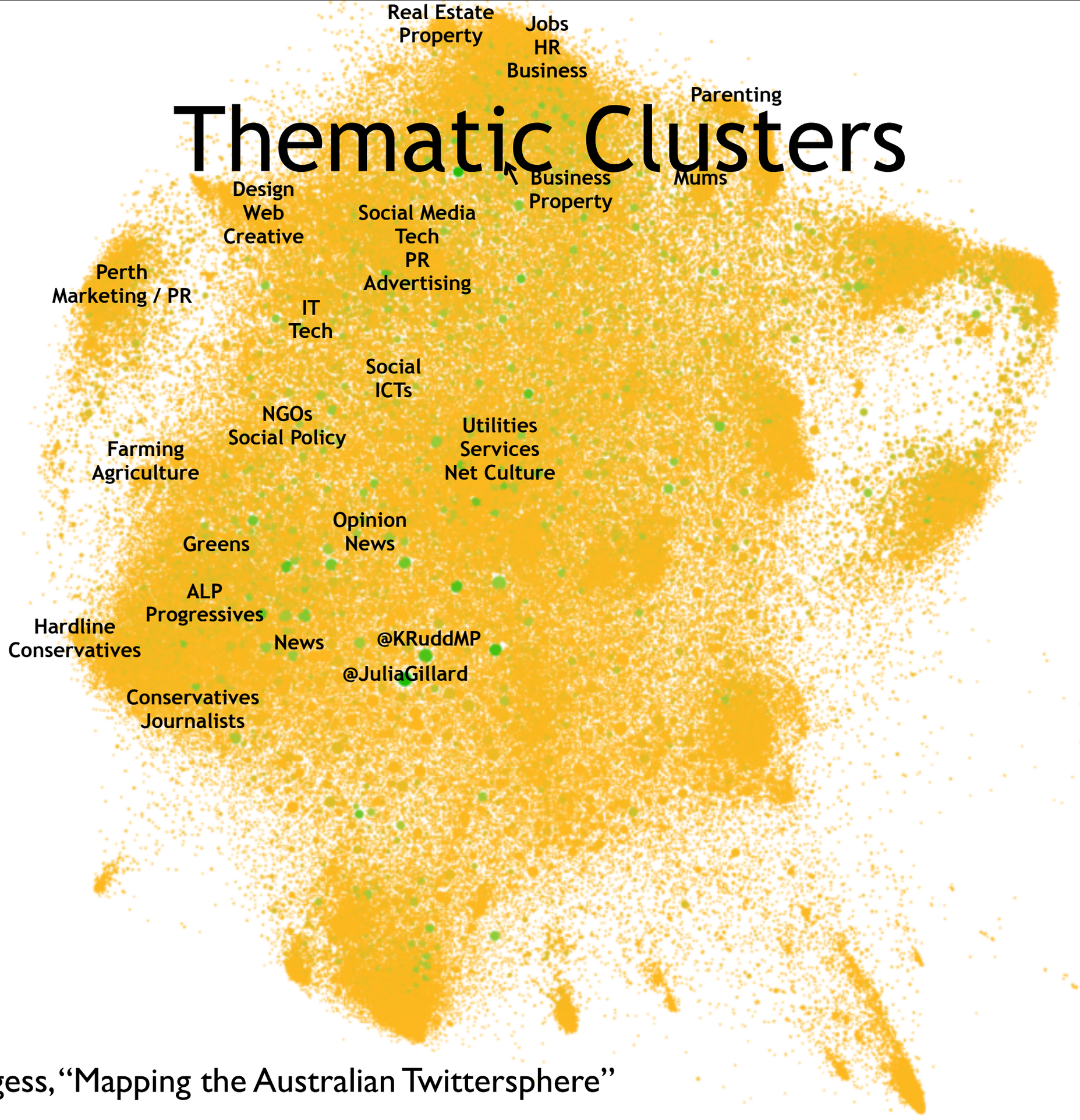

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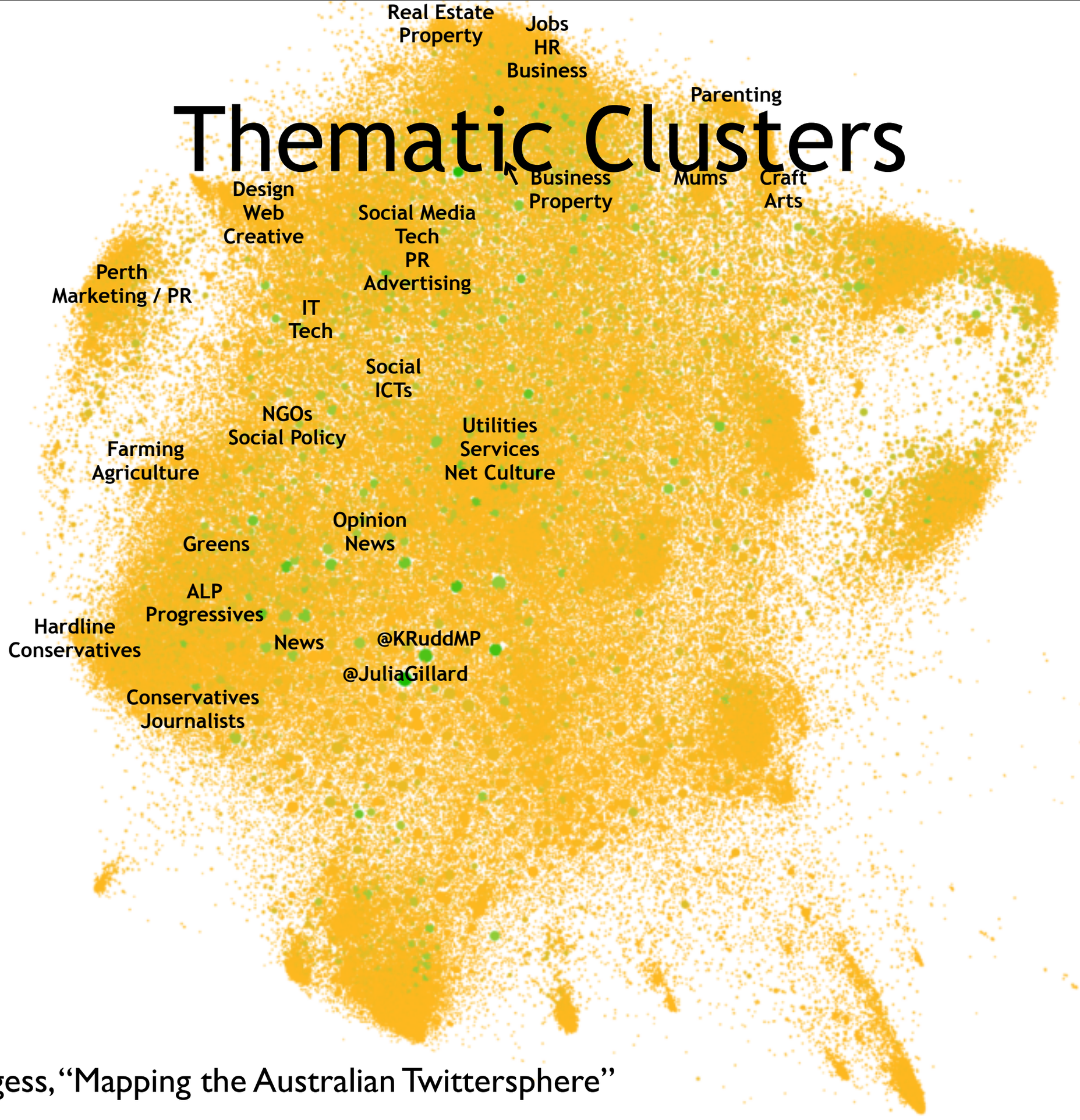

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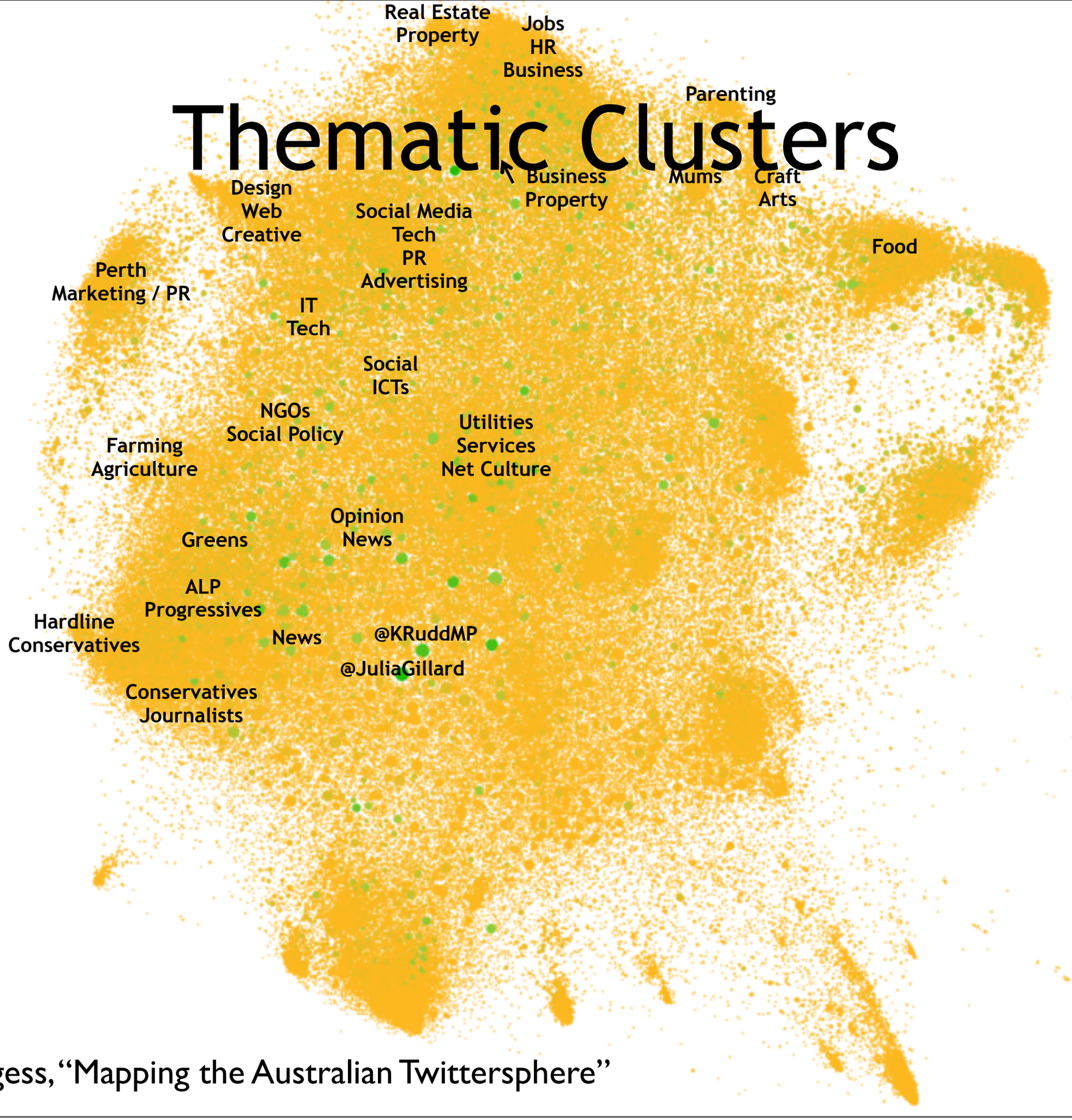

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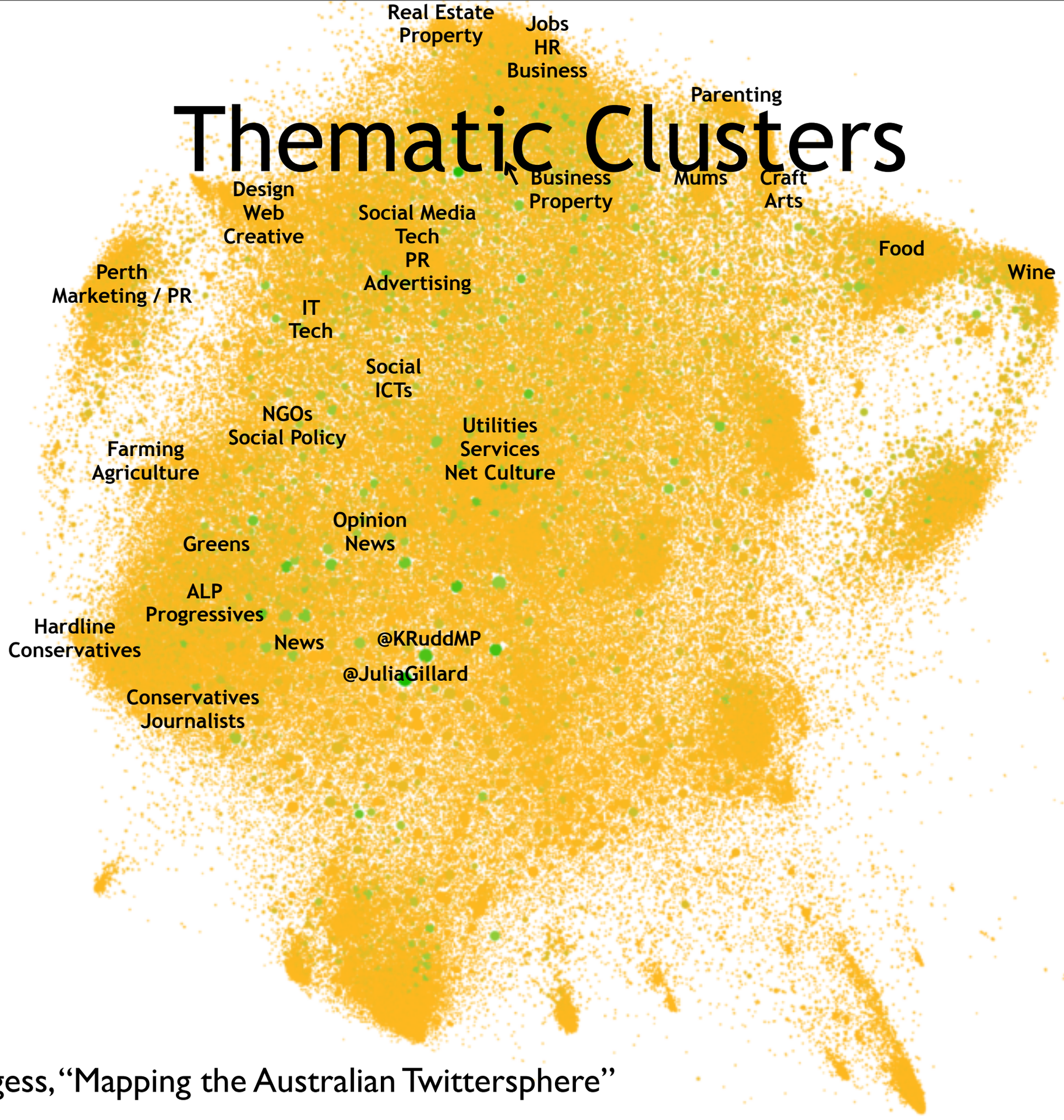

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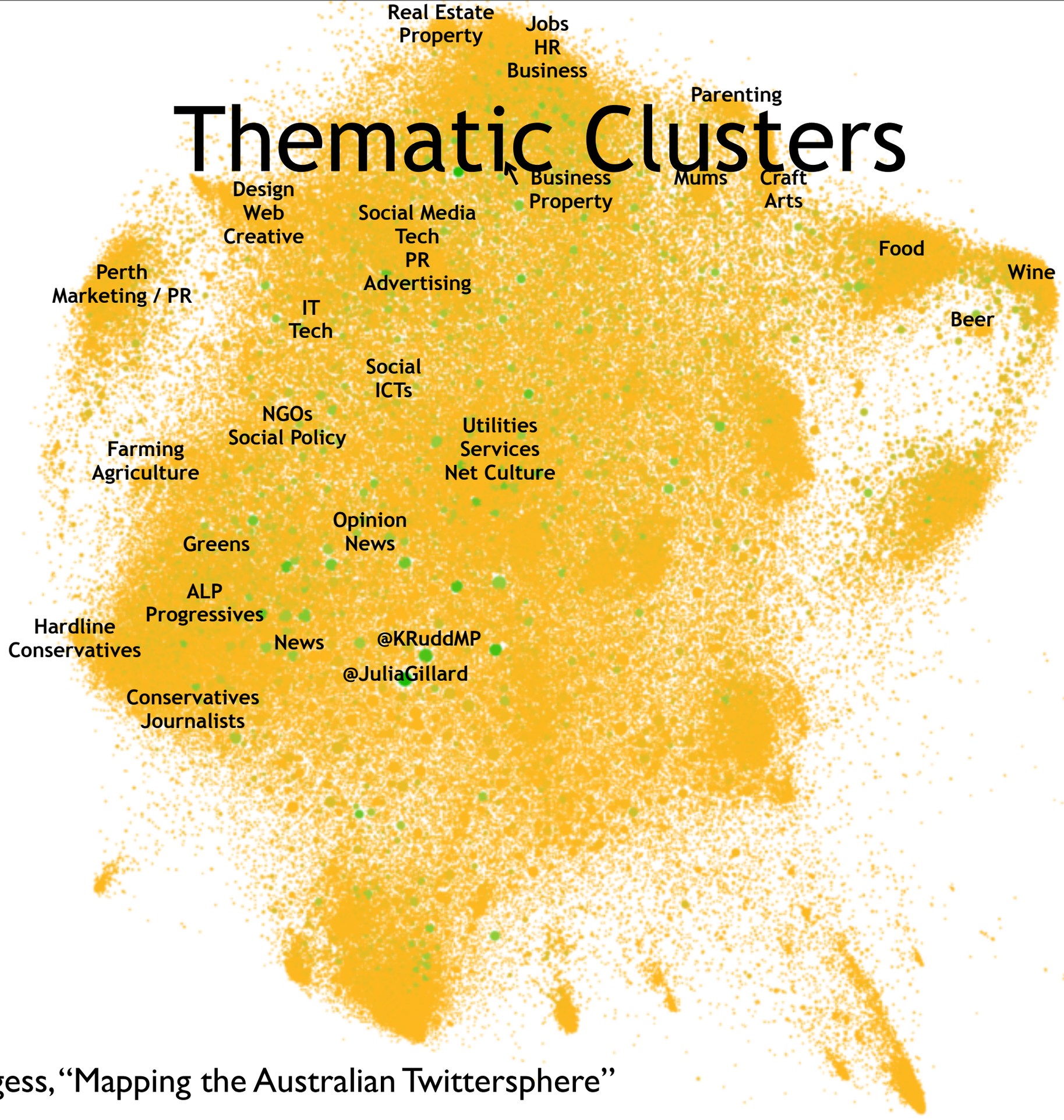

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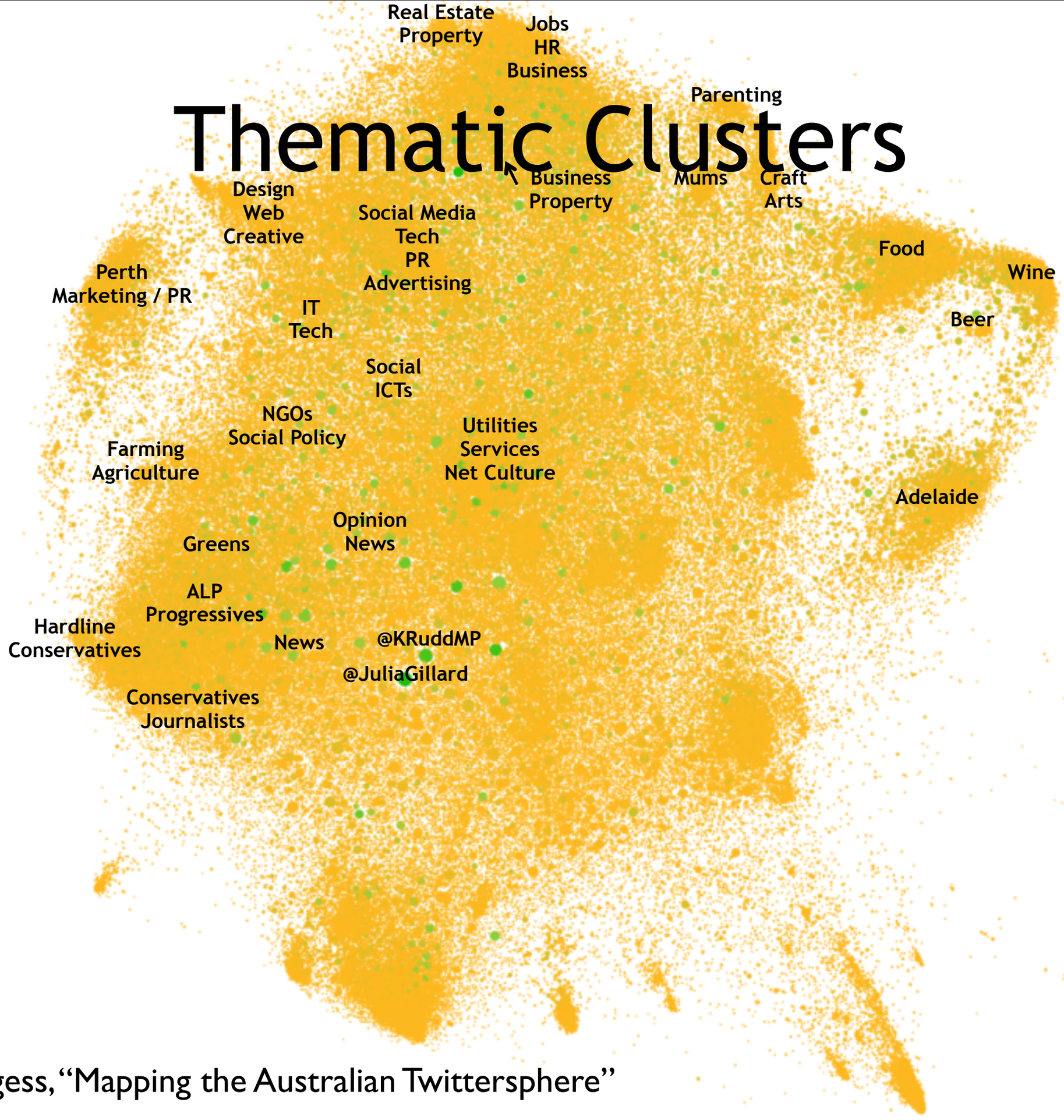

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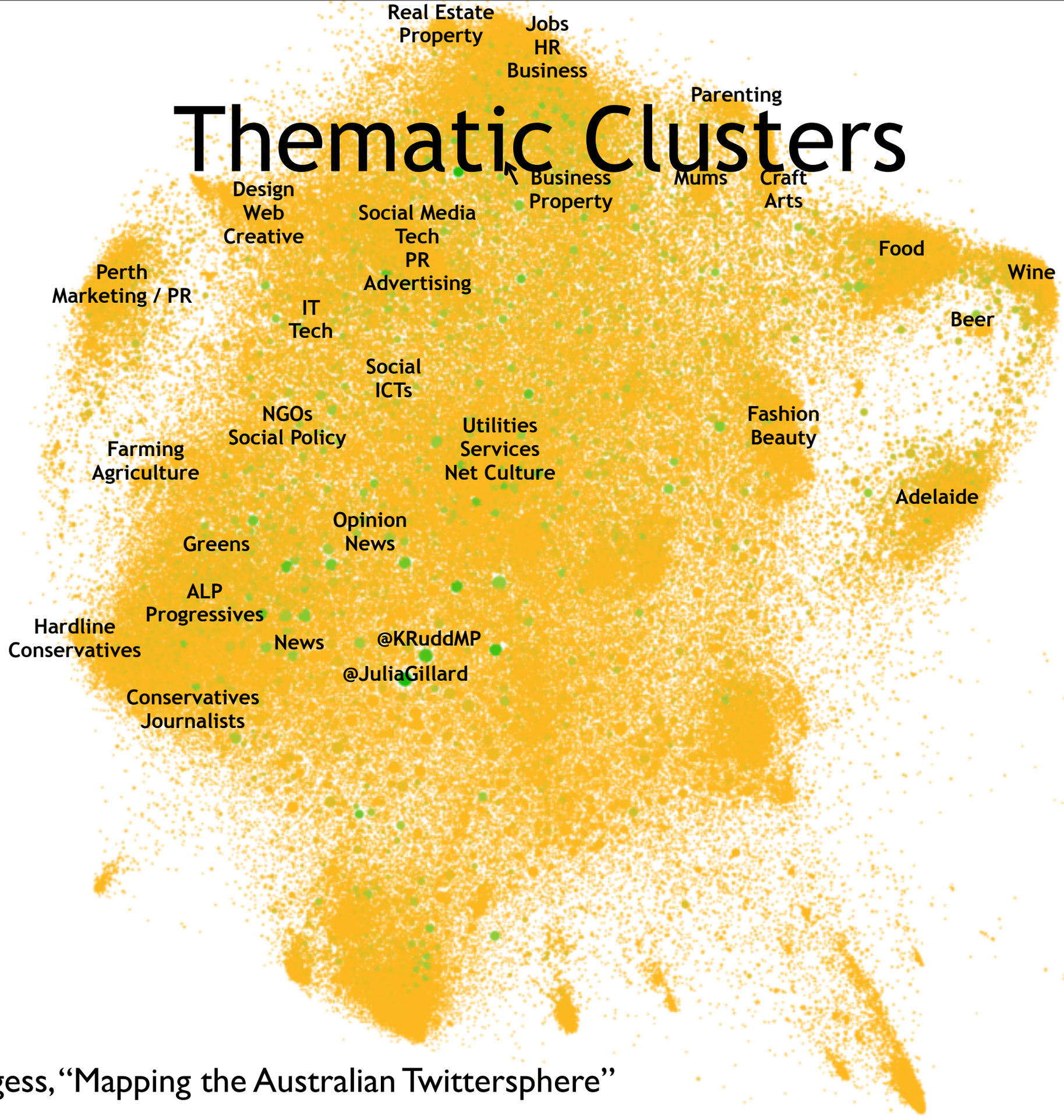

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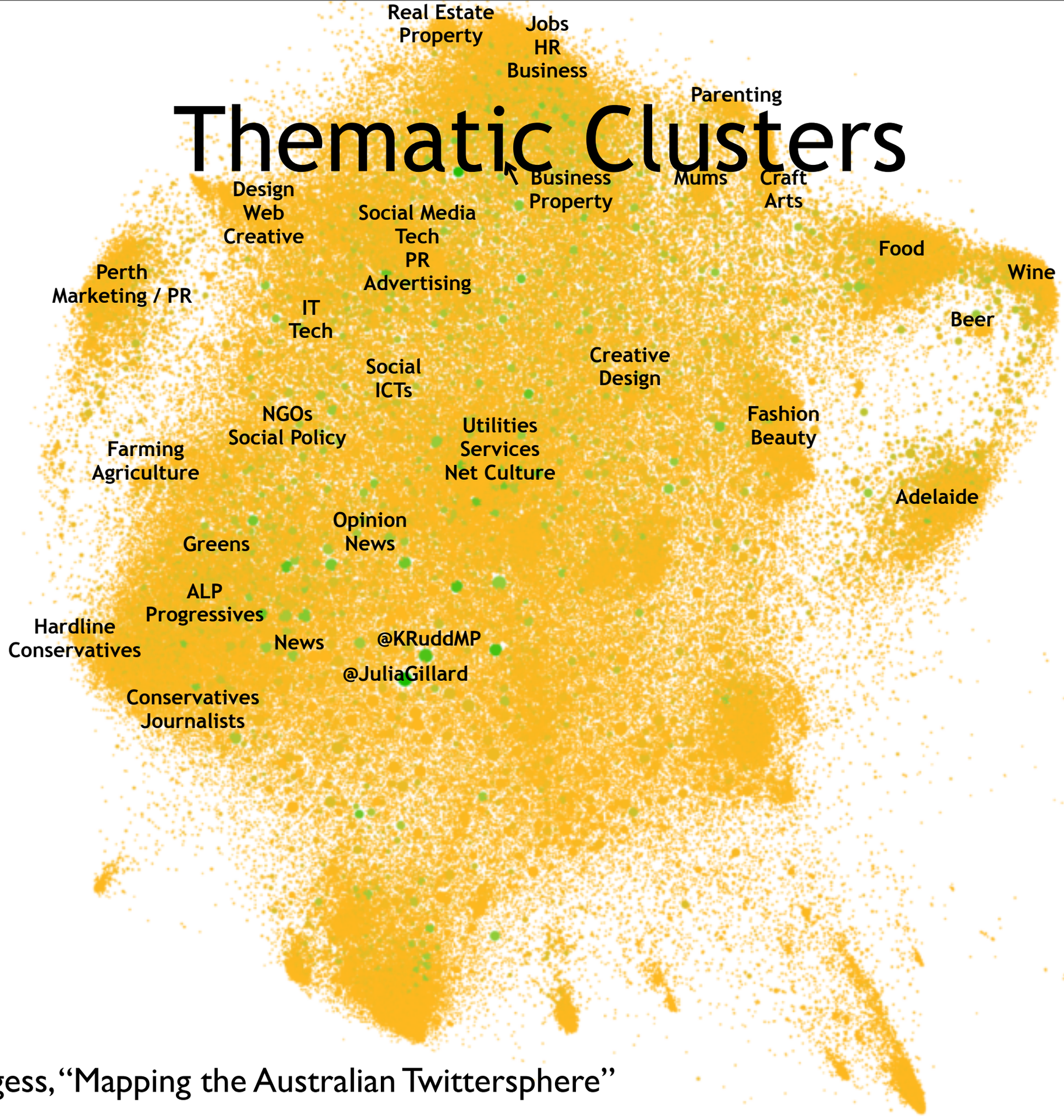

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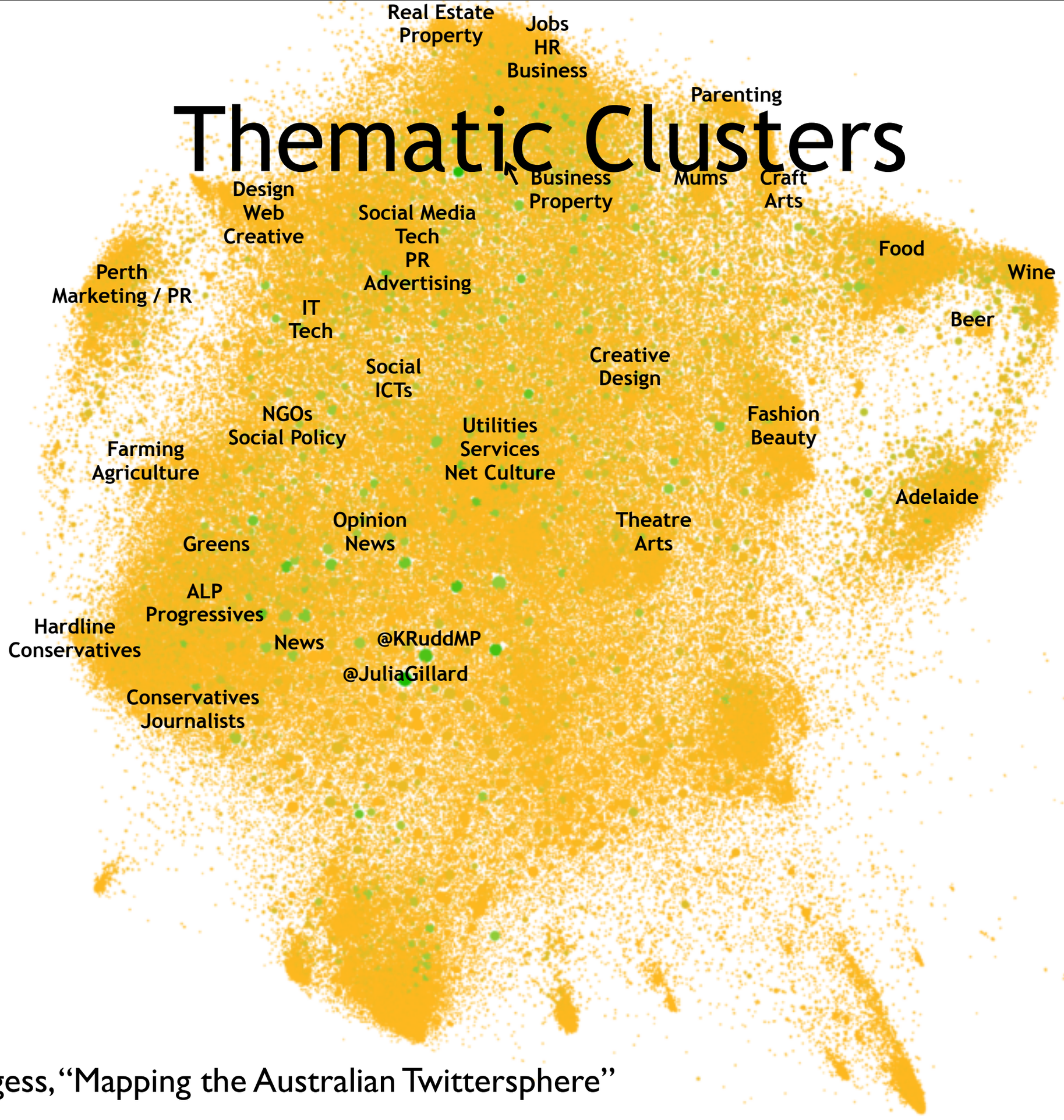

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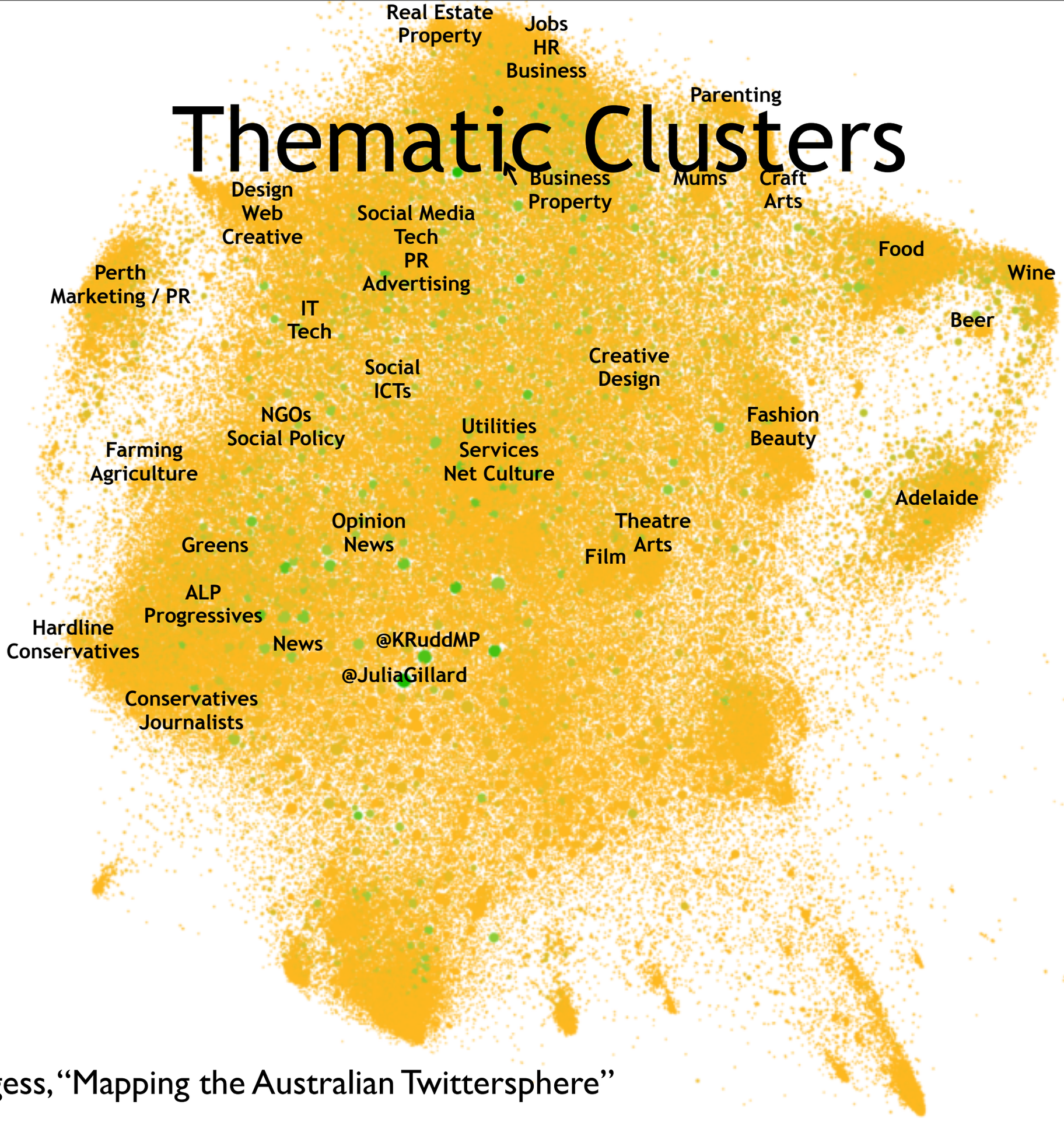

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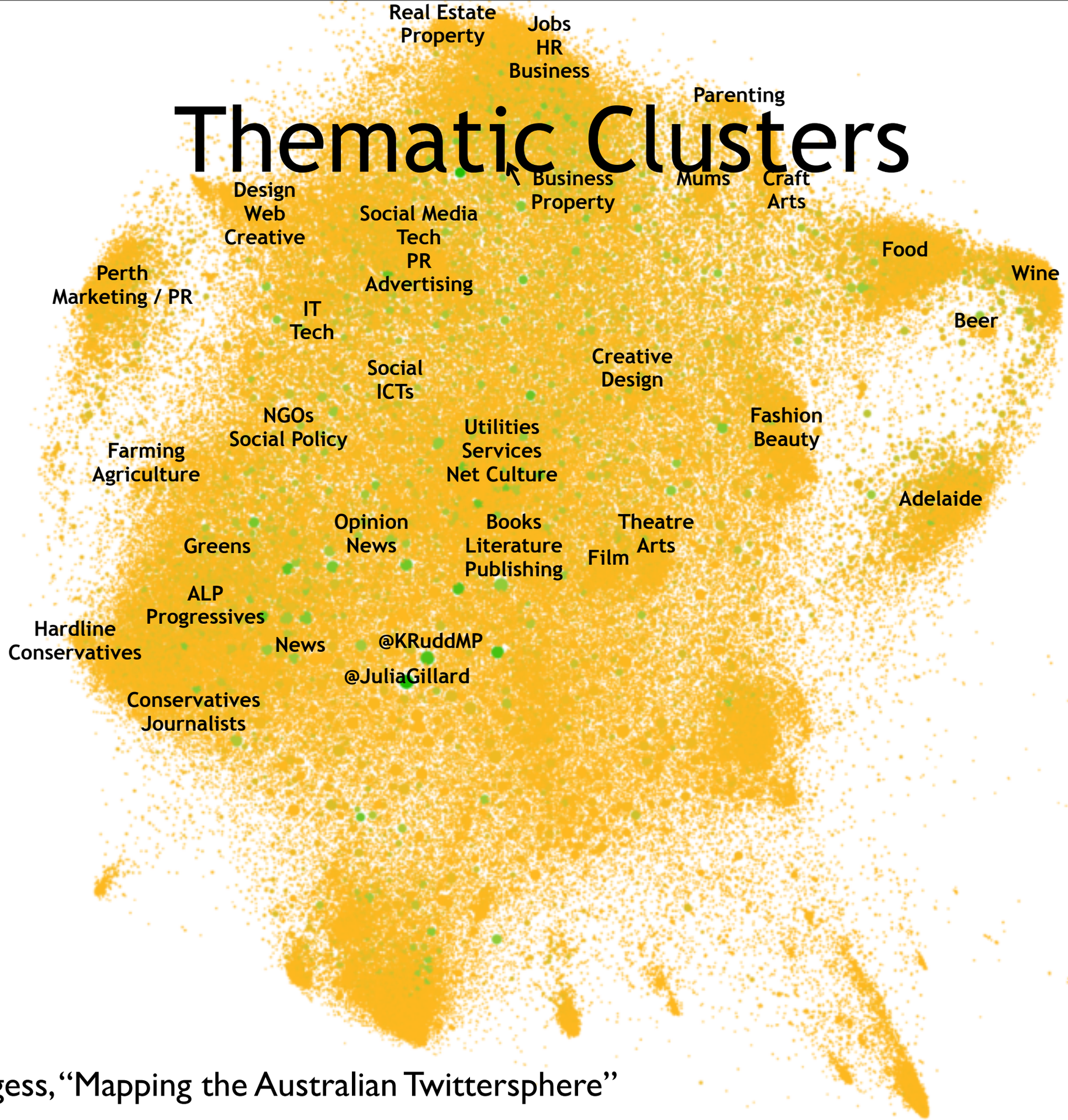

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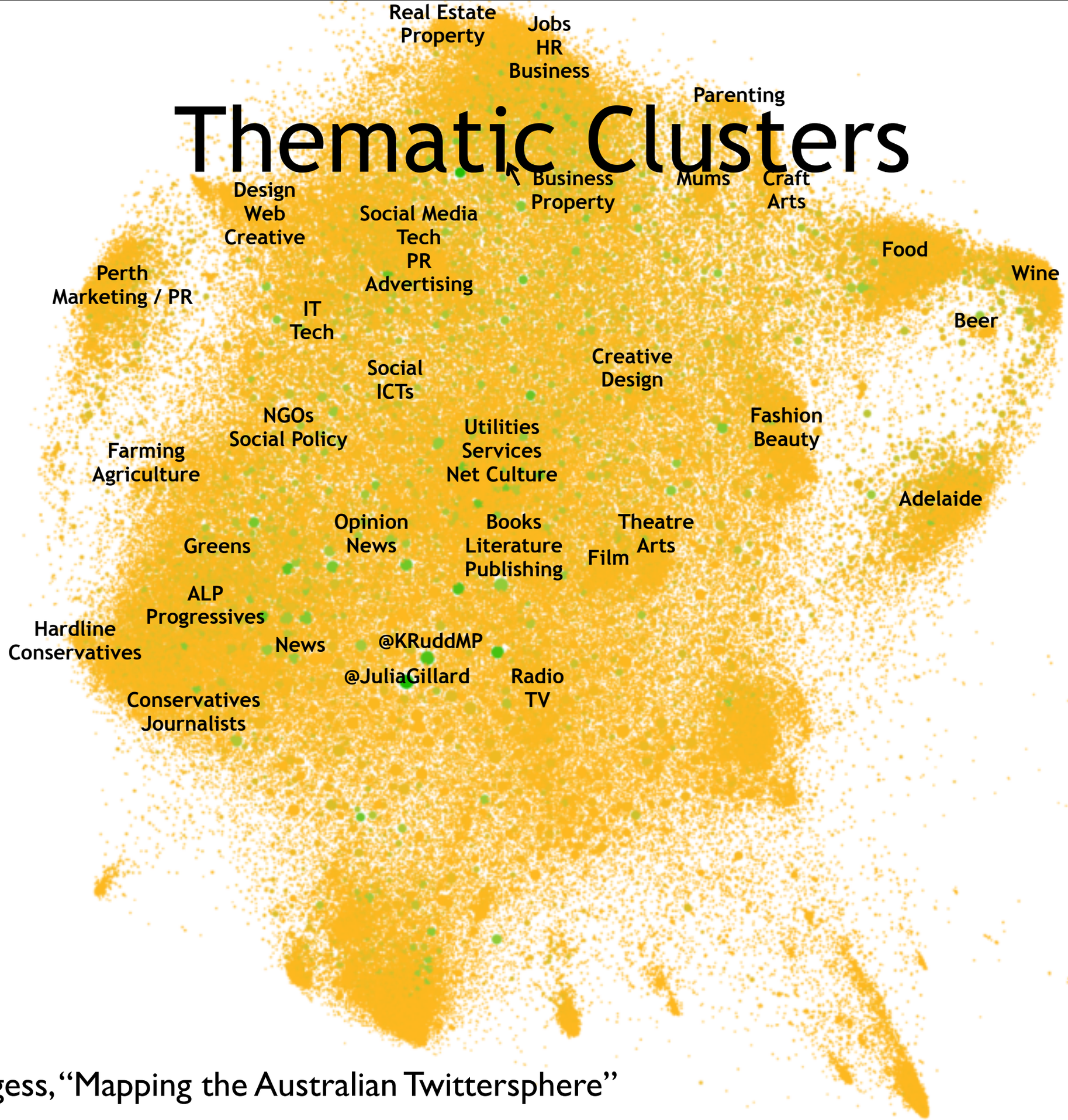

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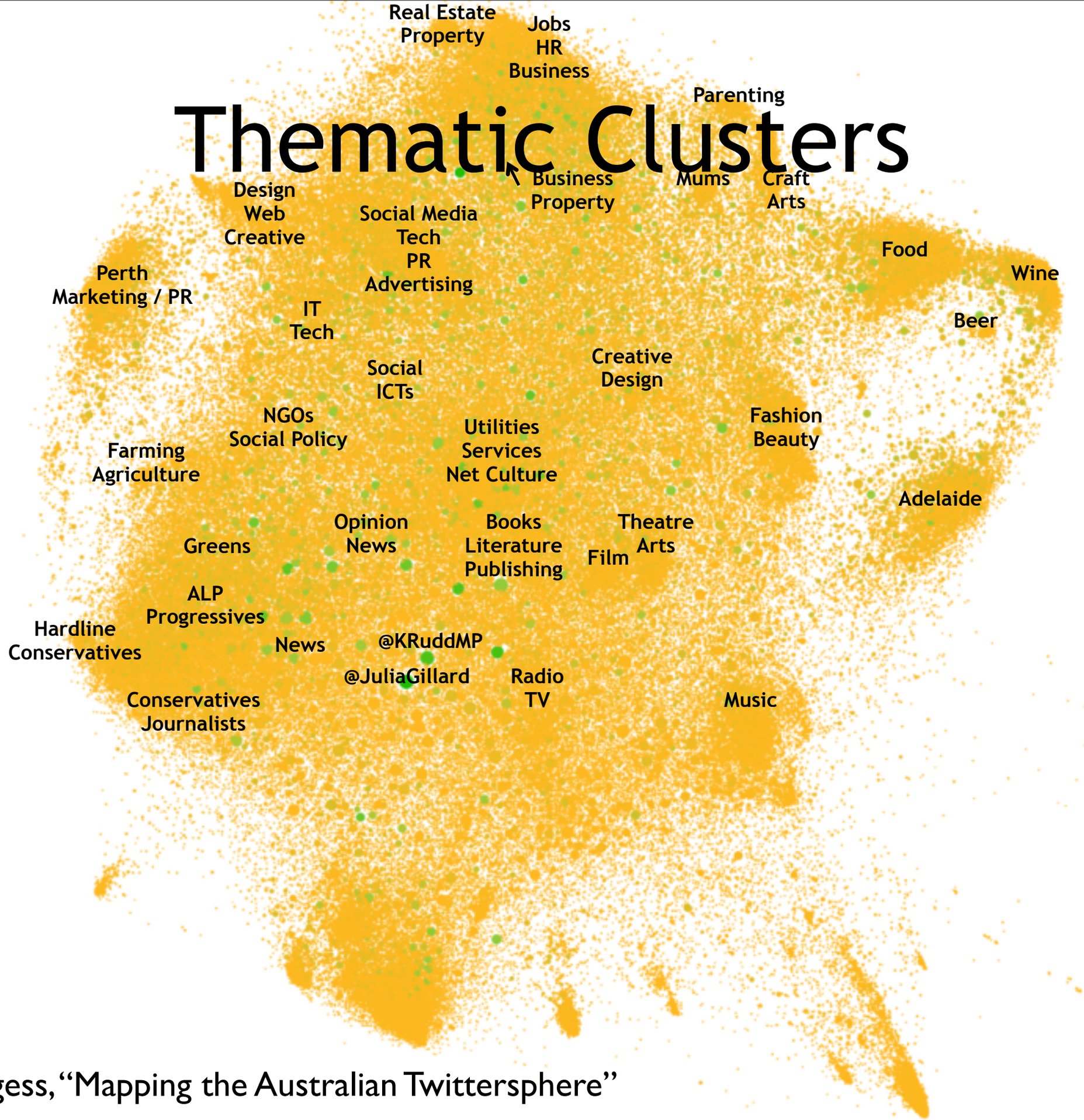
Thematic Clusters



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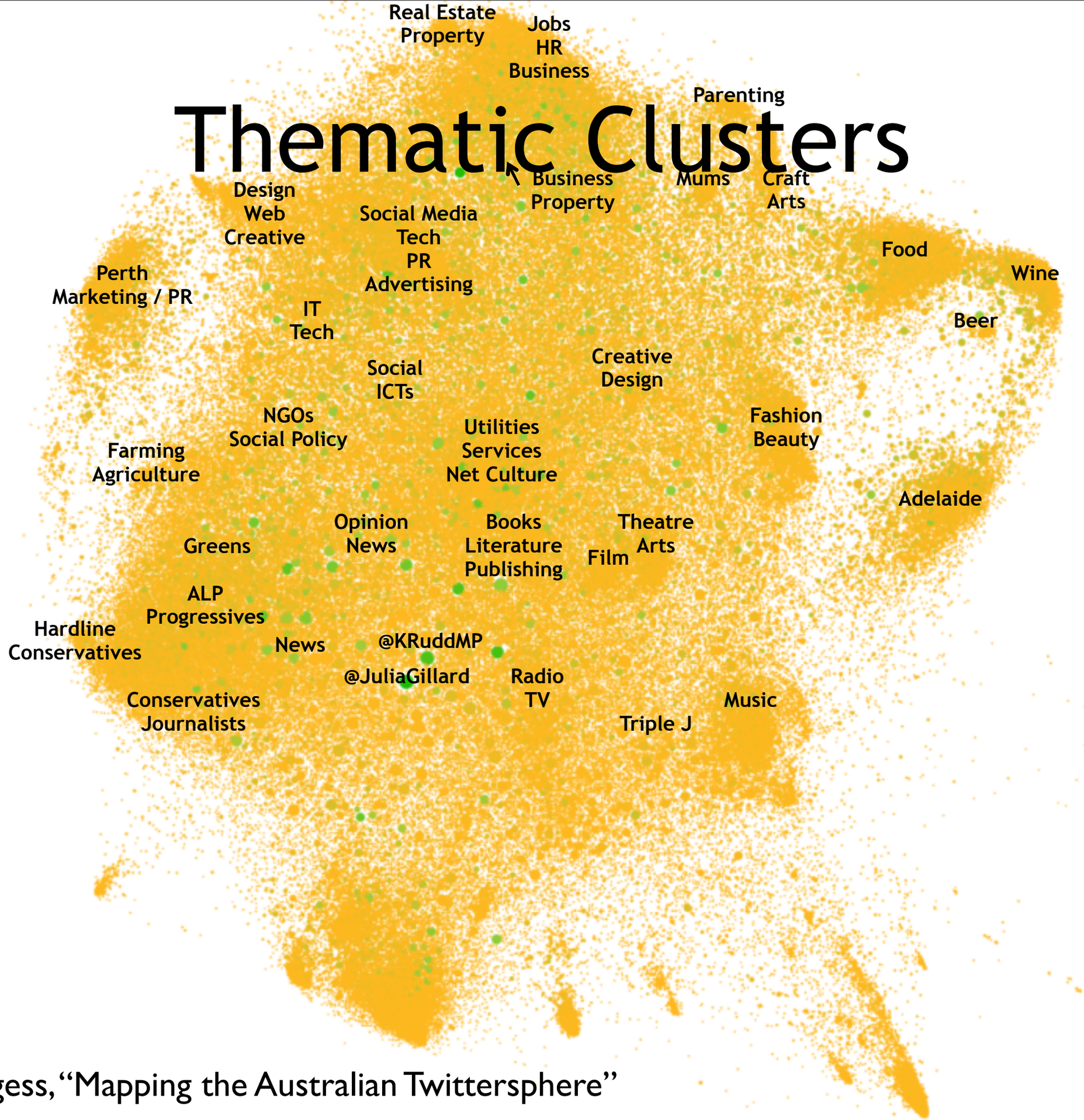

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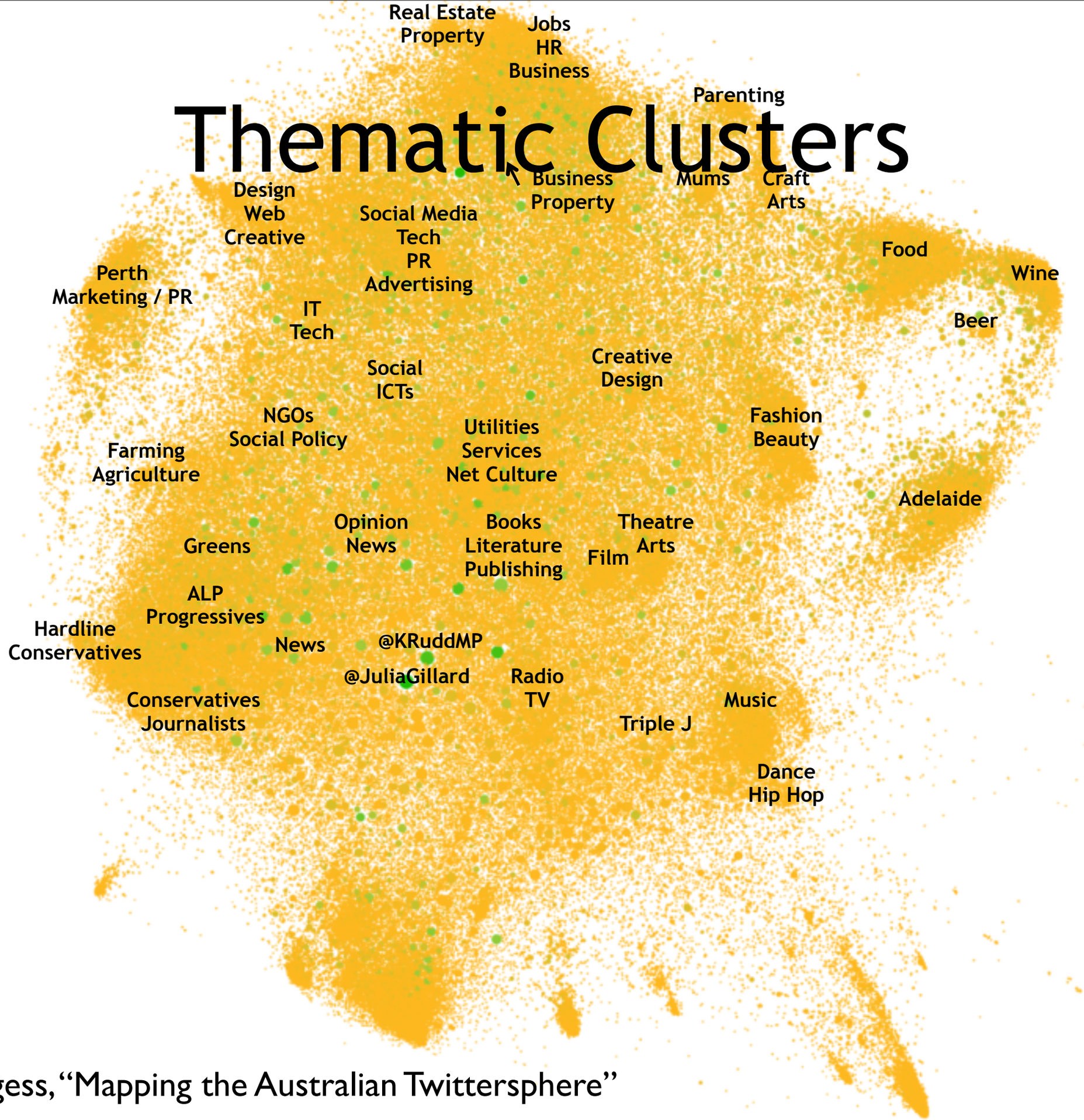

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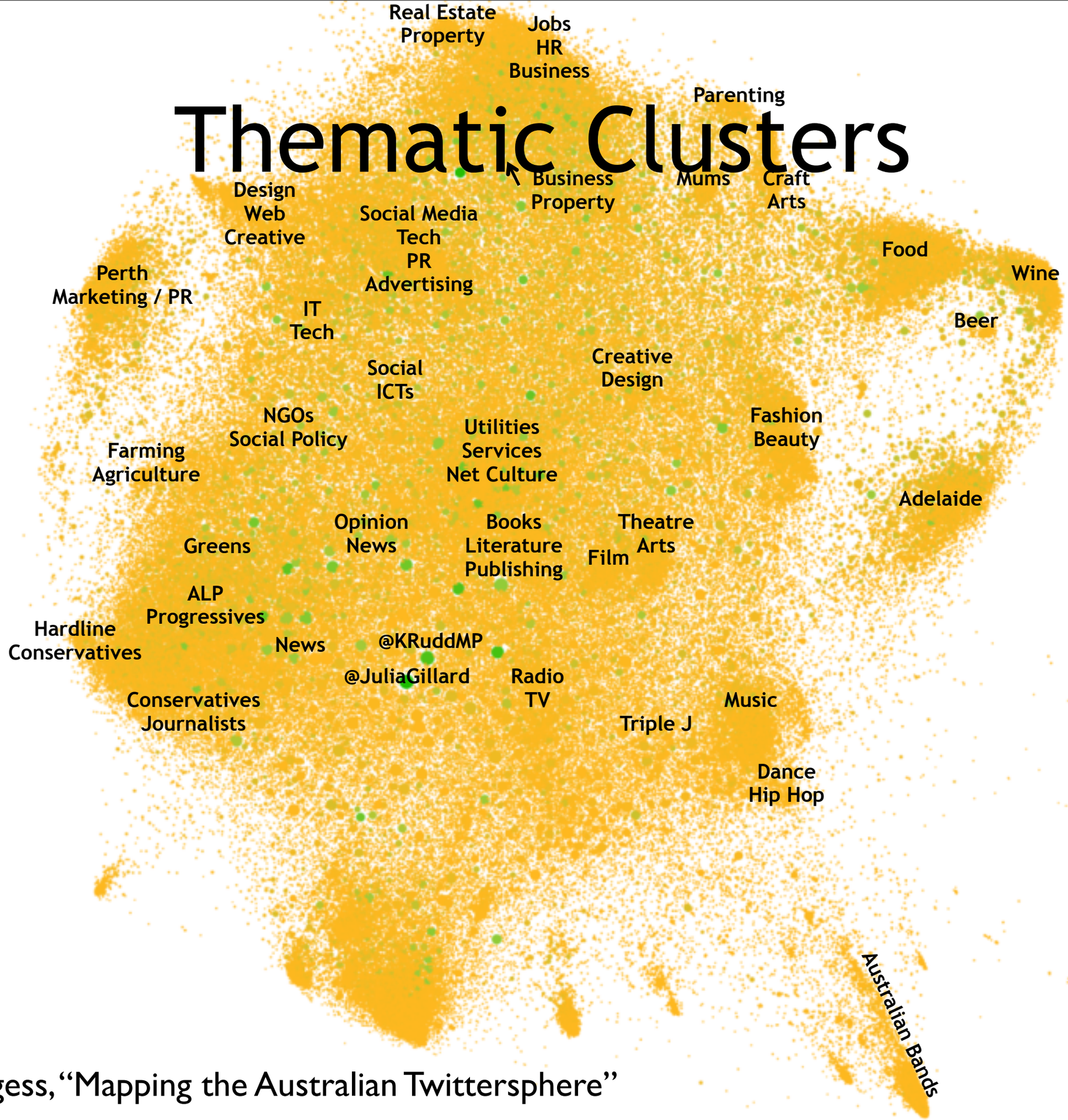

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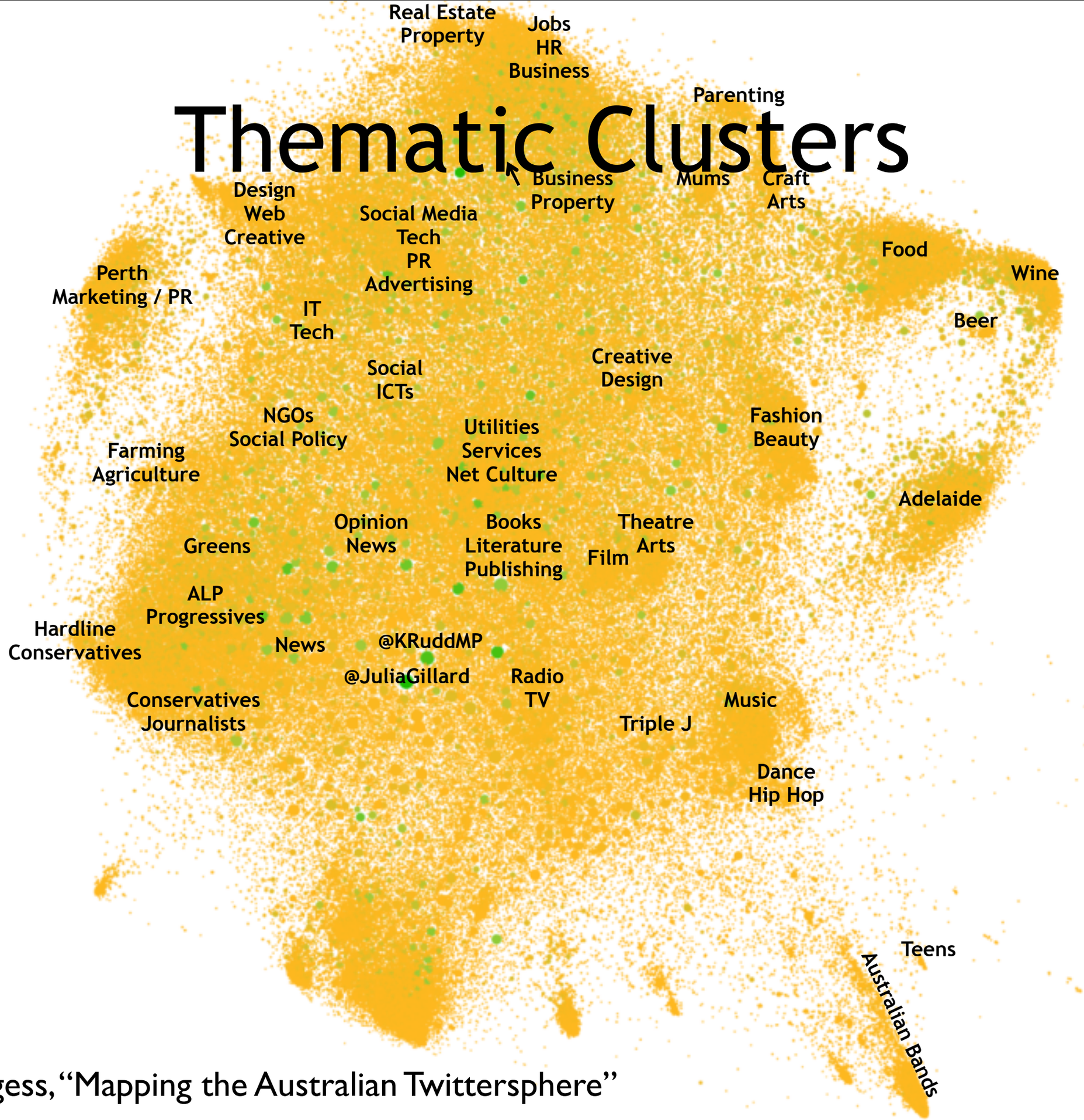

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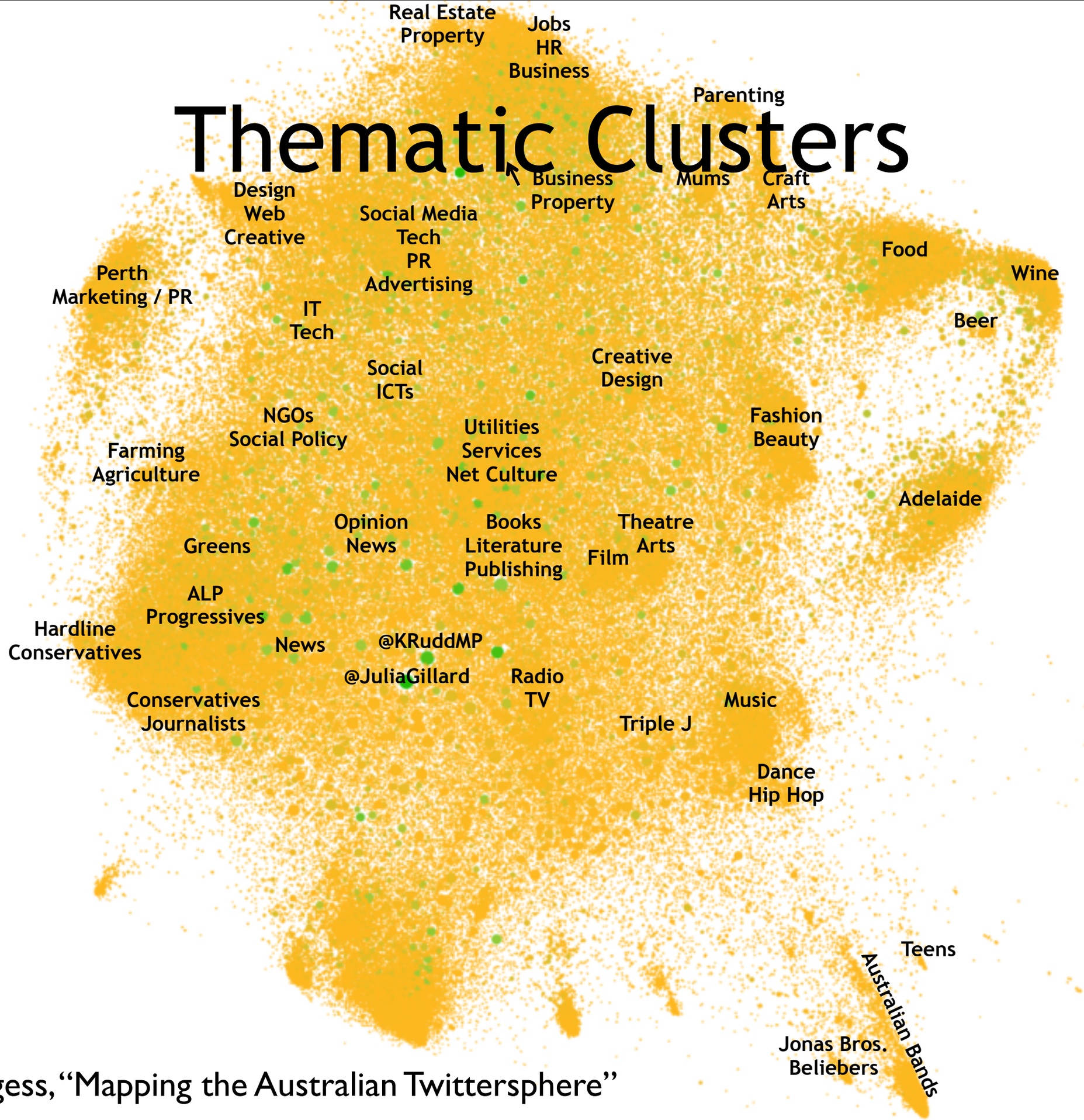

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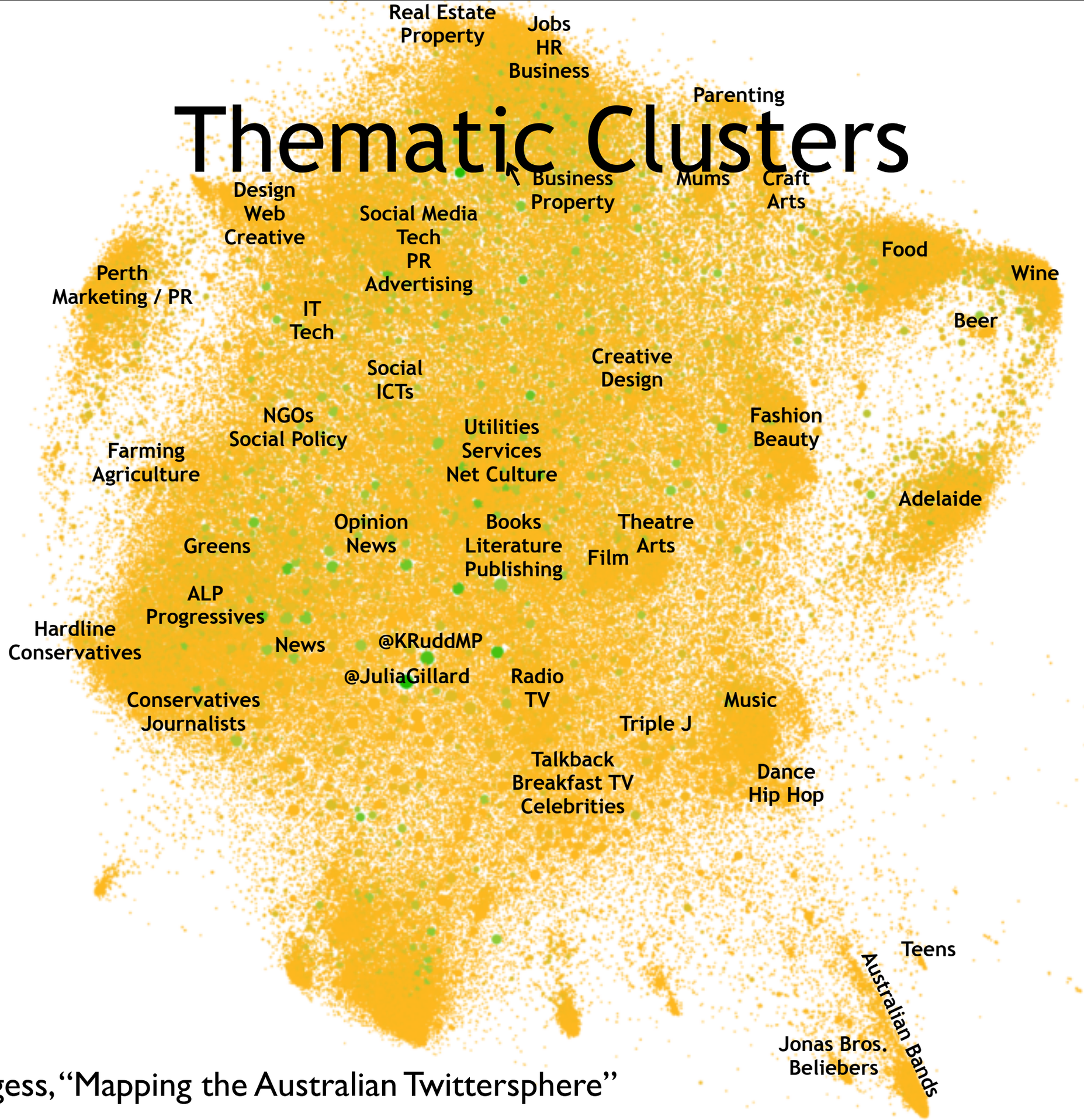

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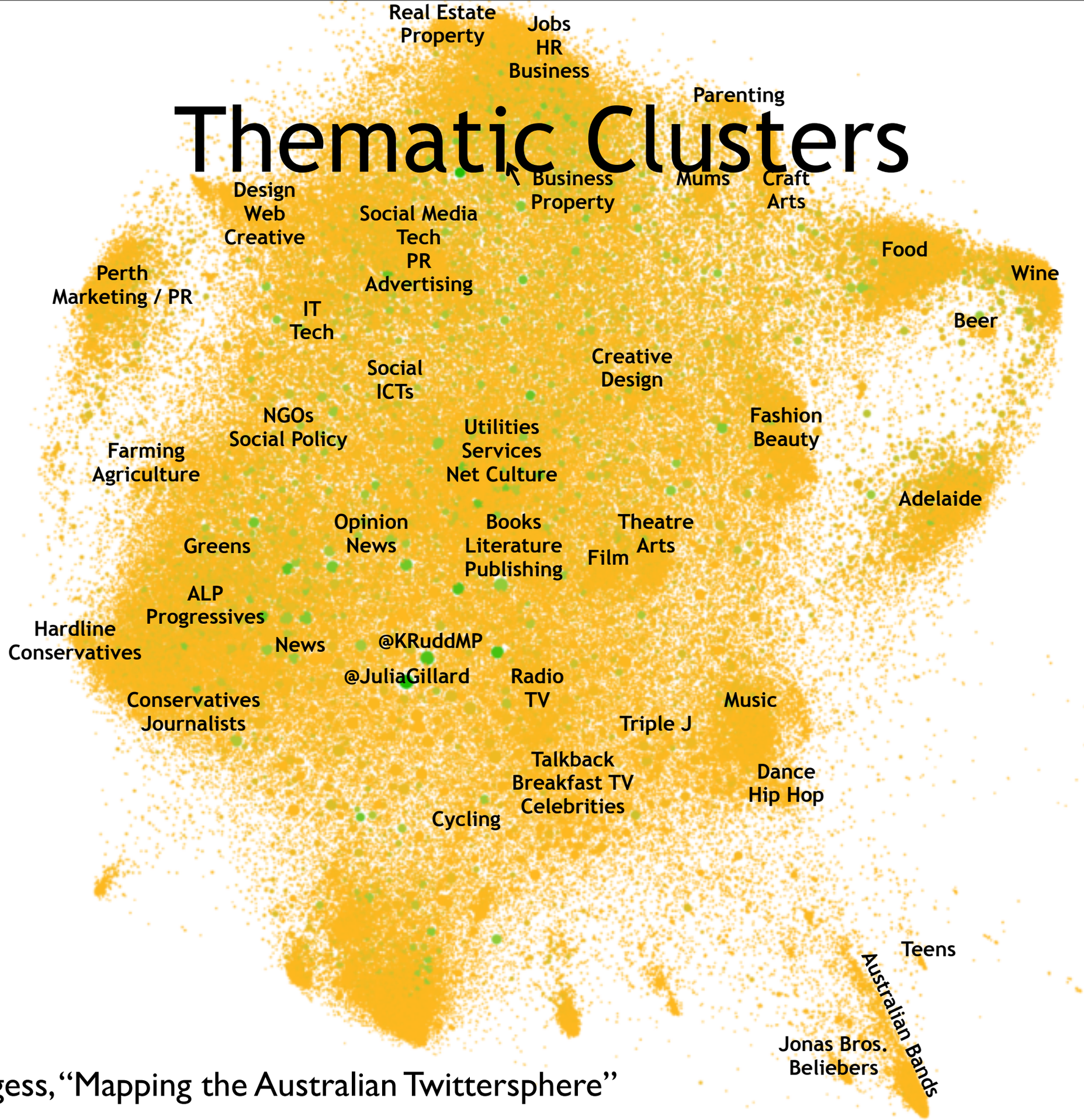

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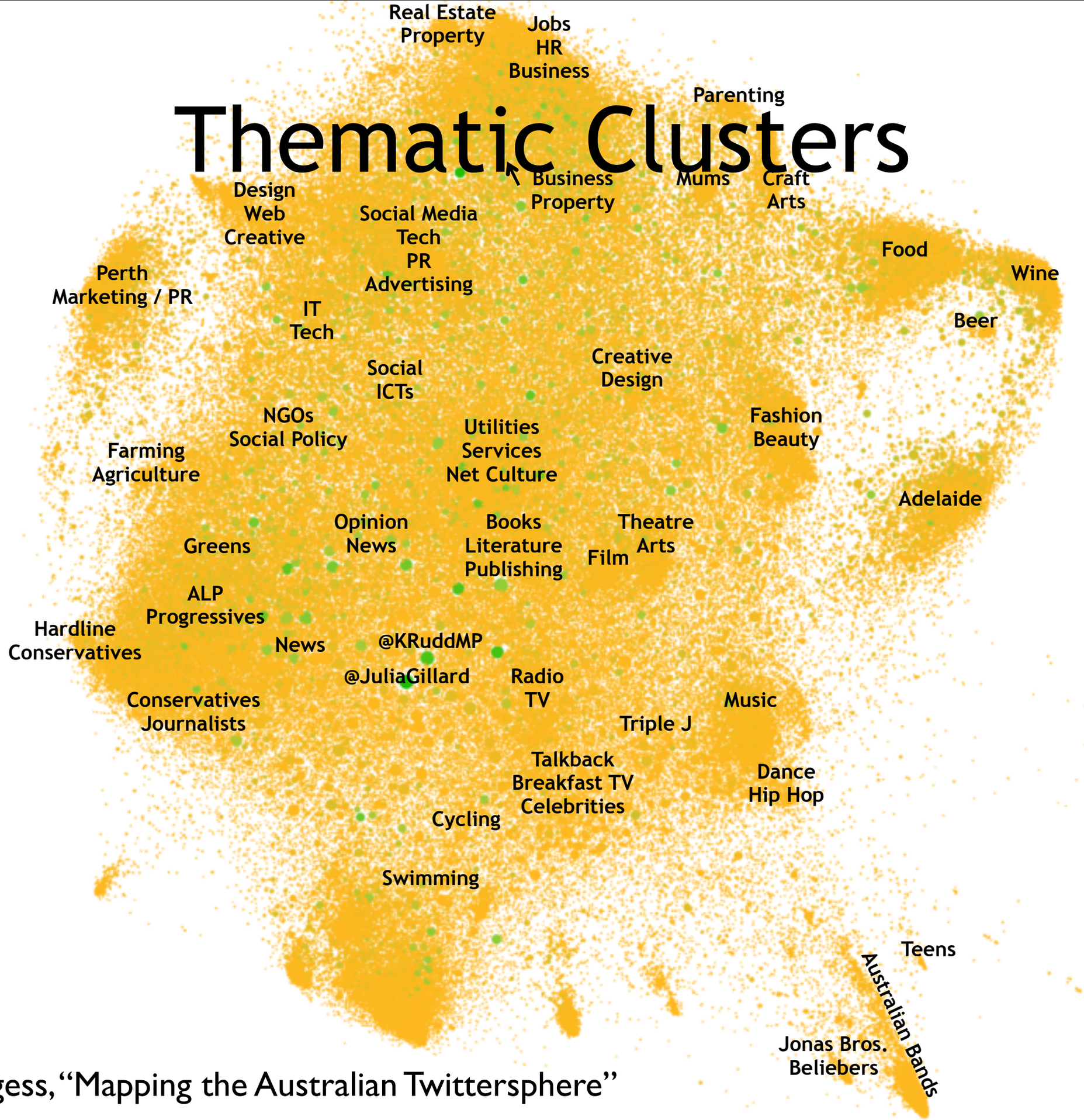

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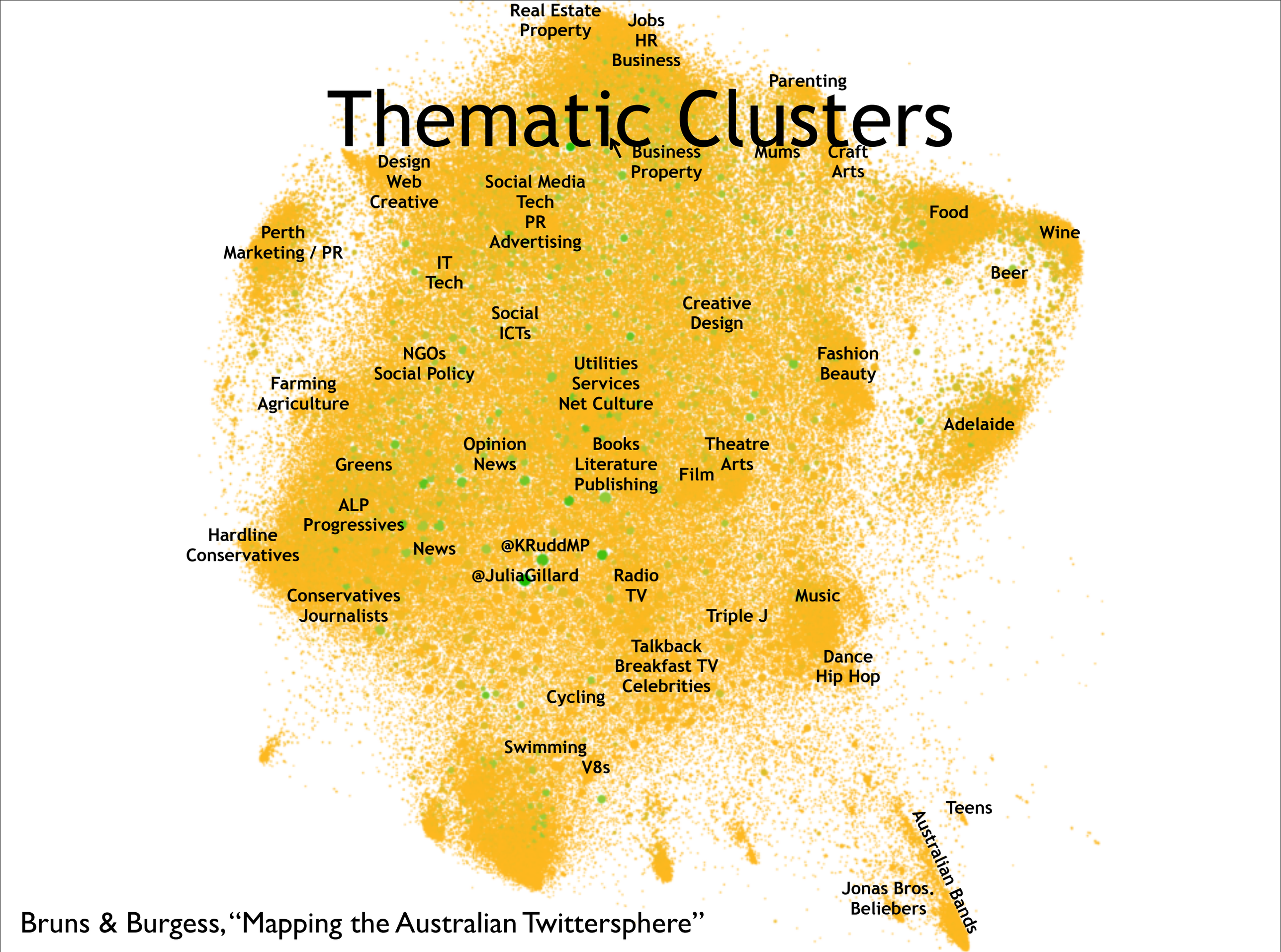

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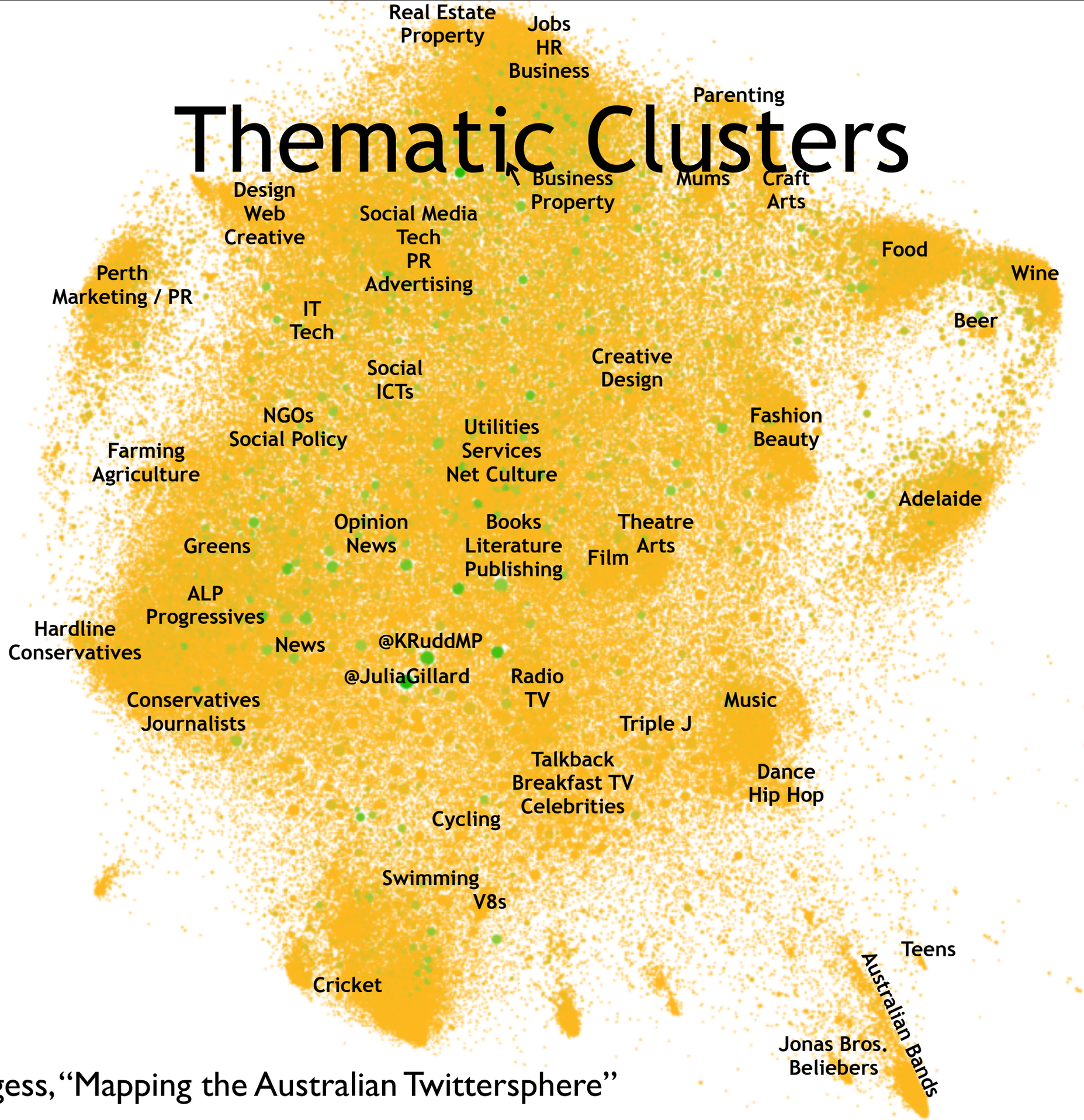

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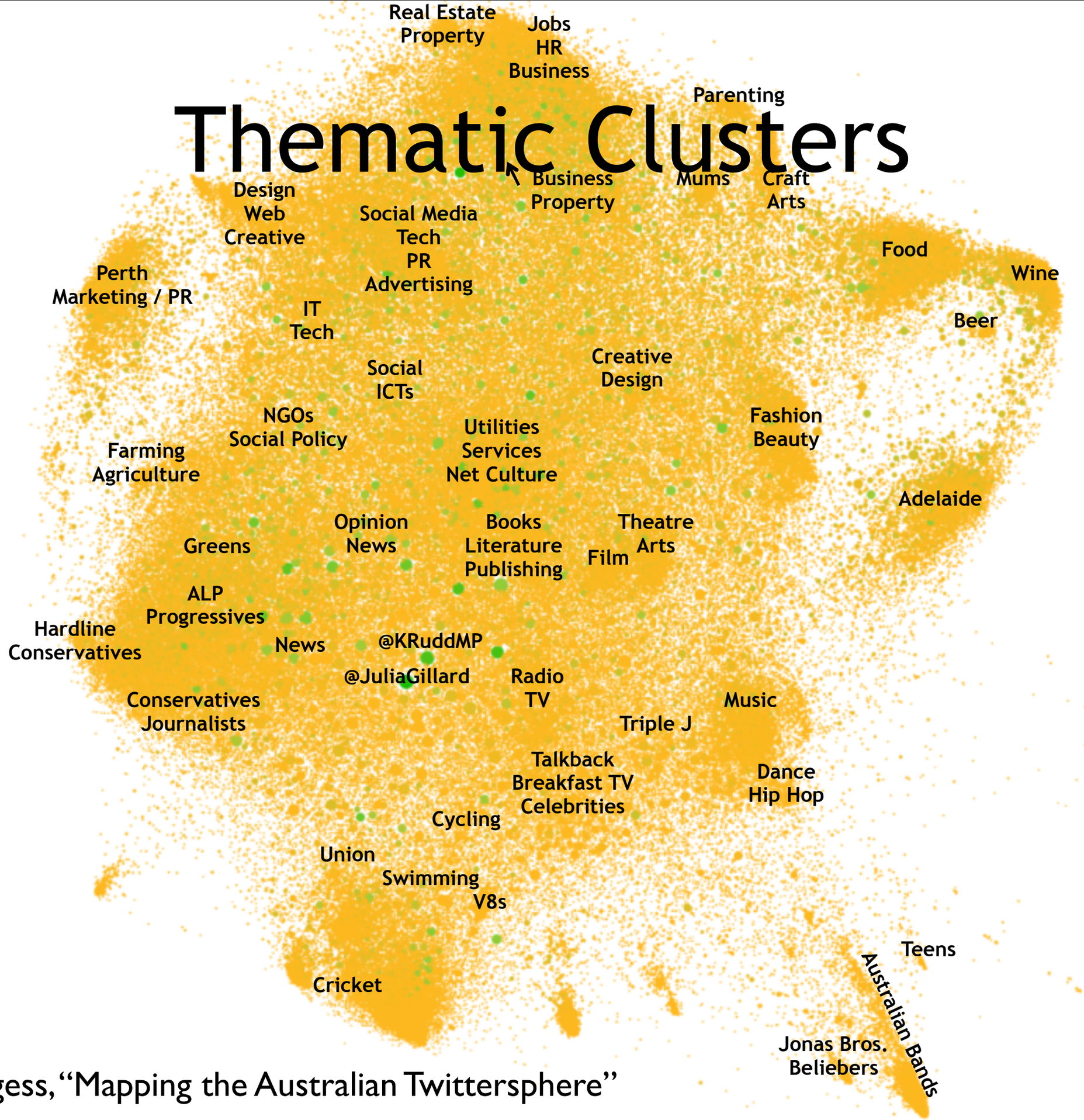

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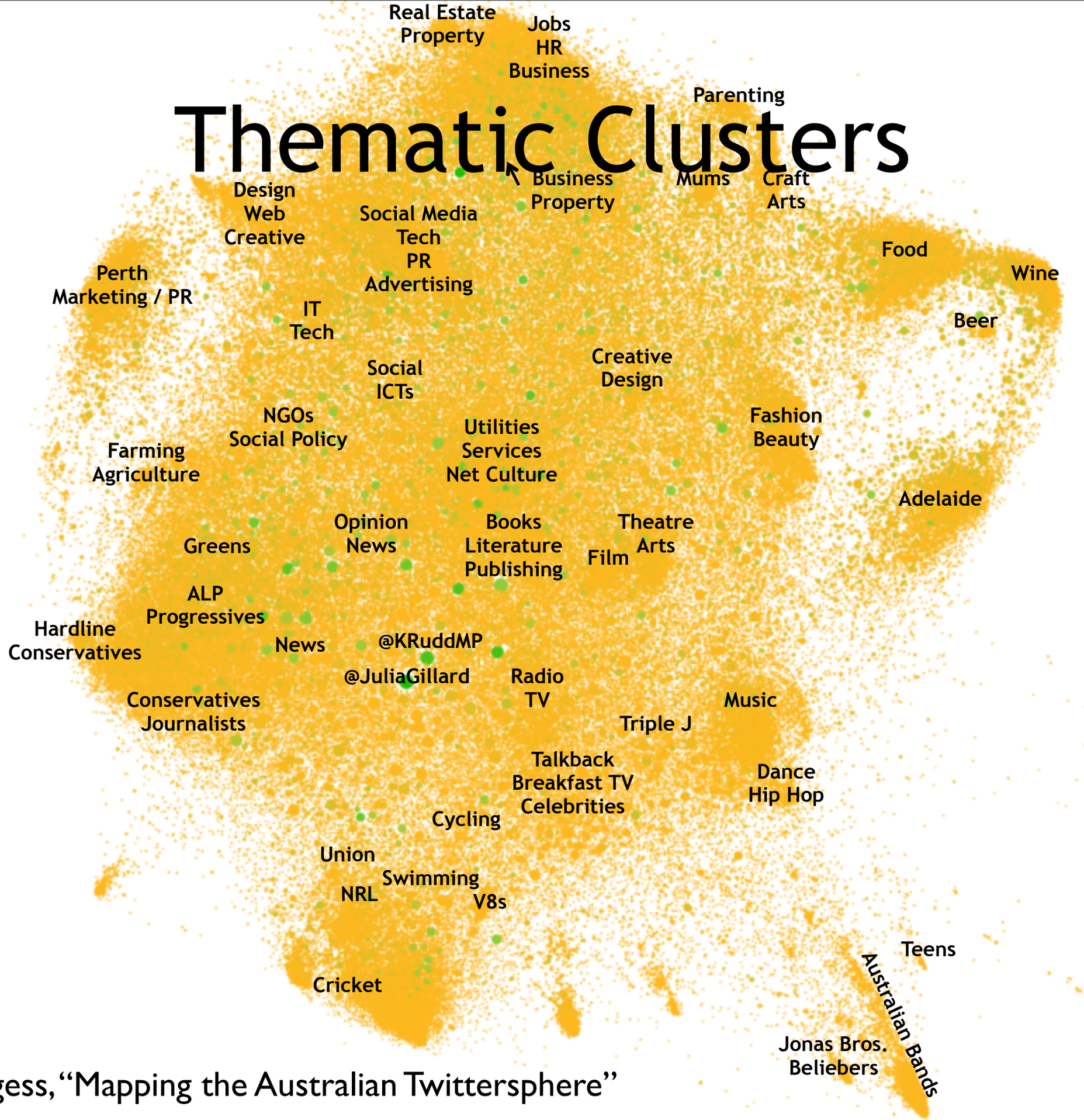

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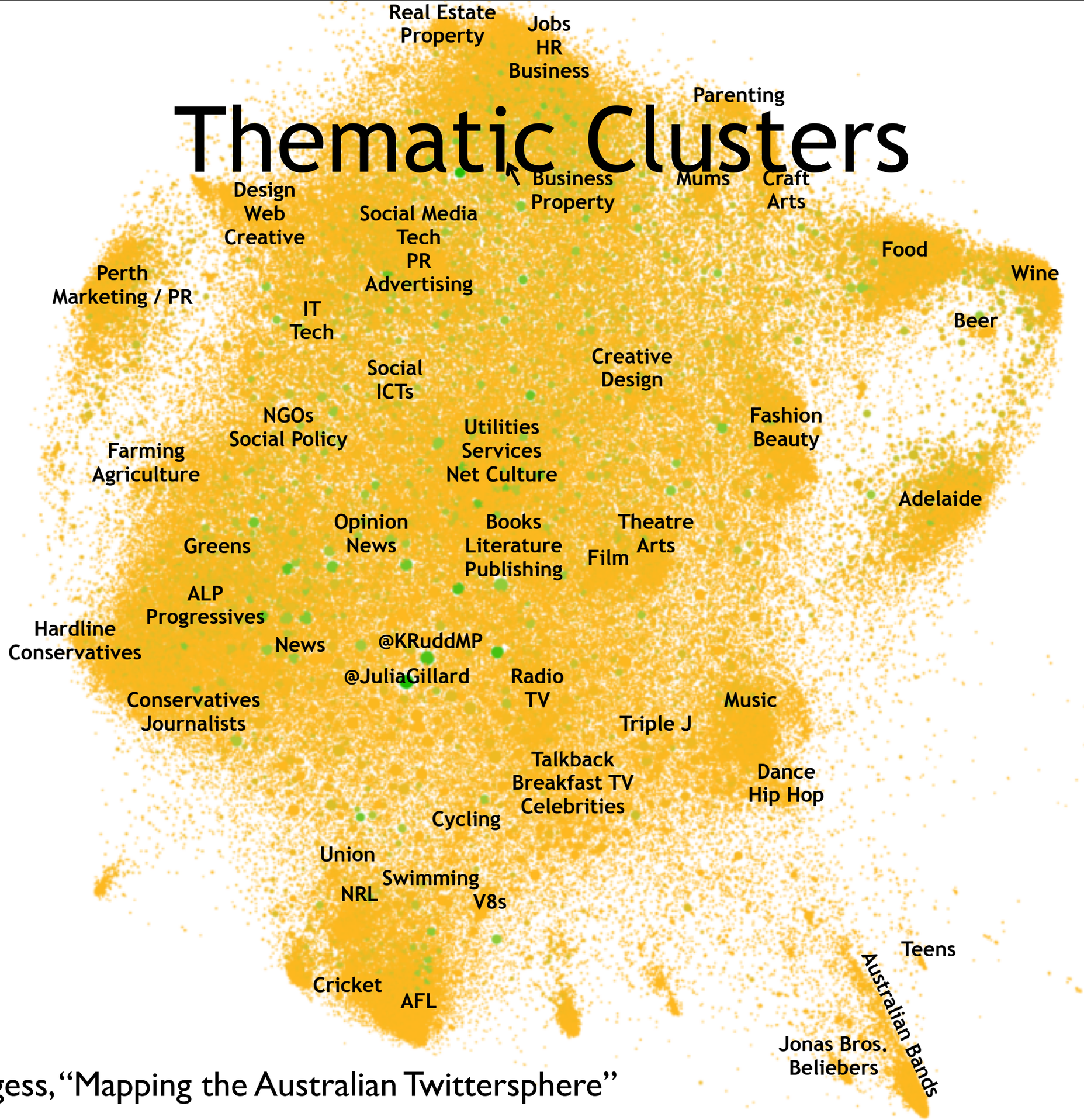

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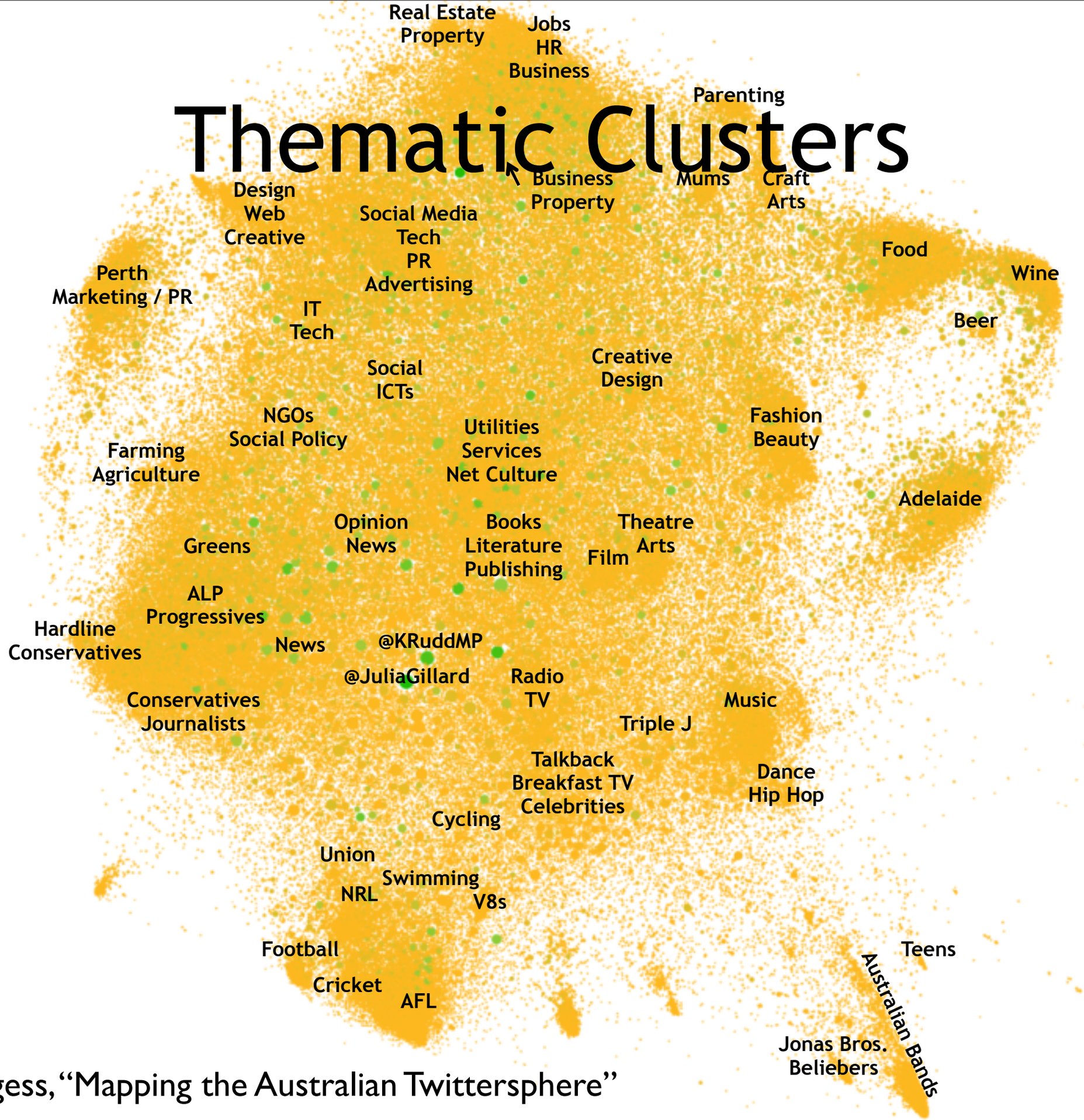

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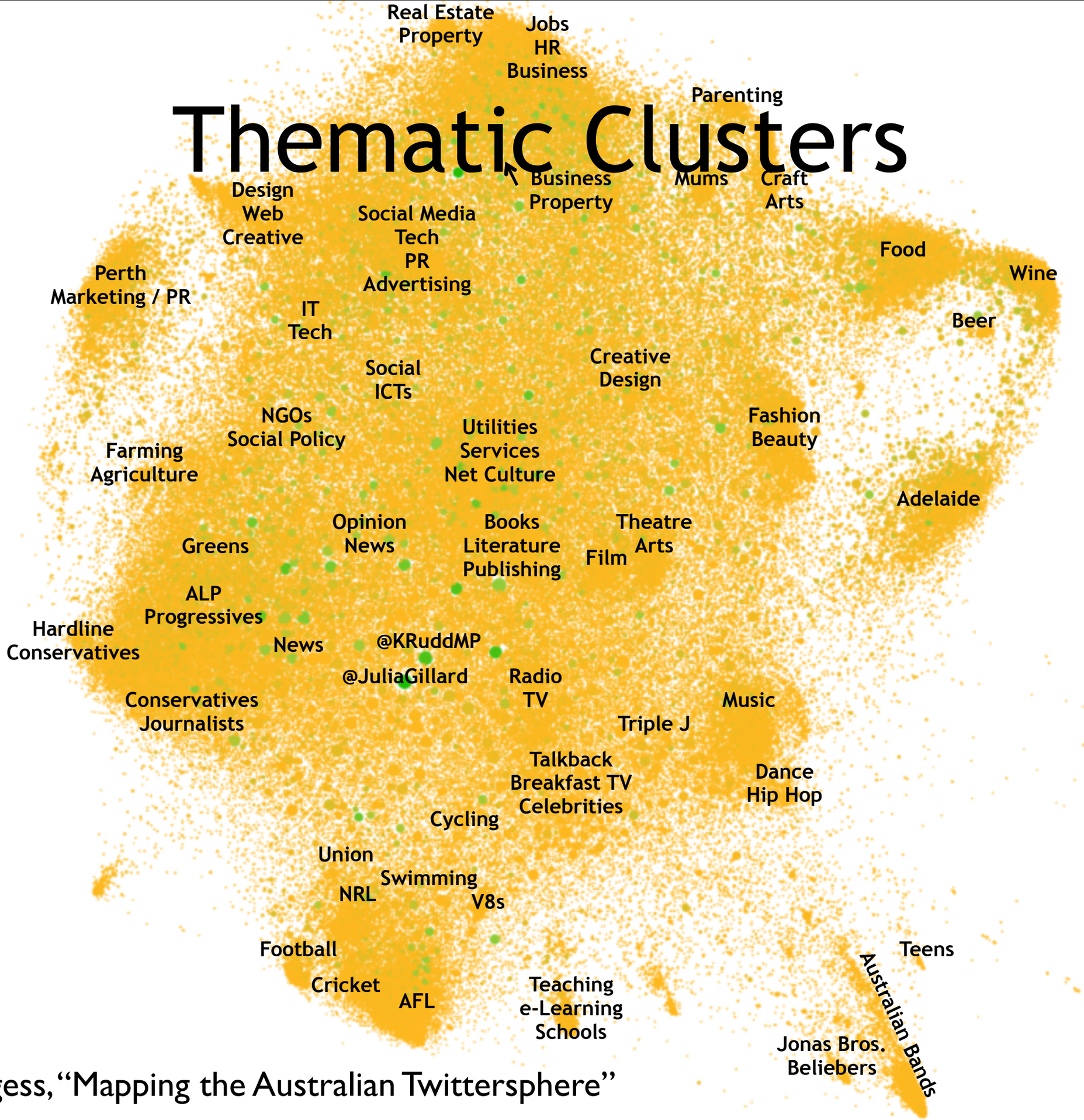

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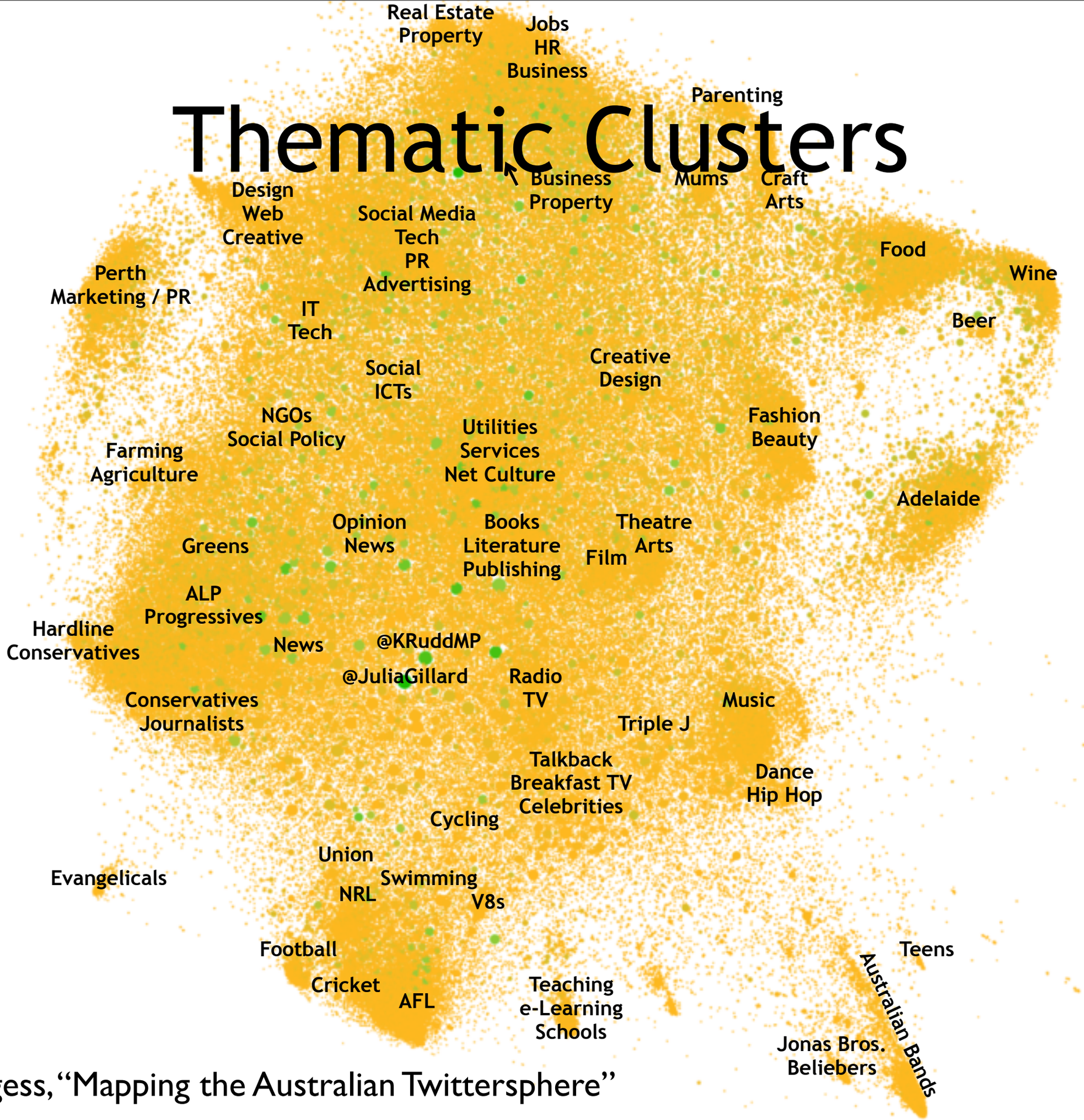

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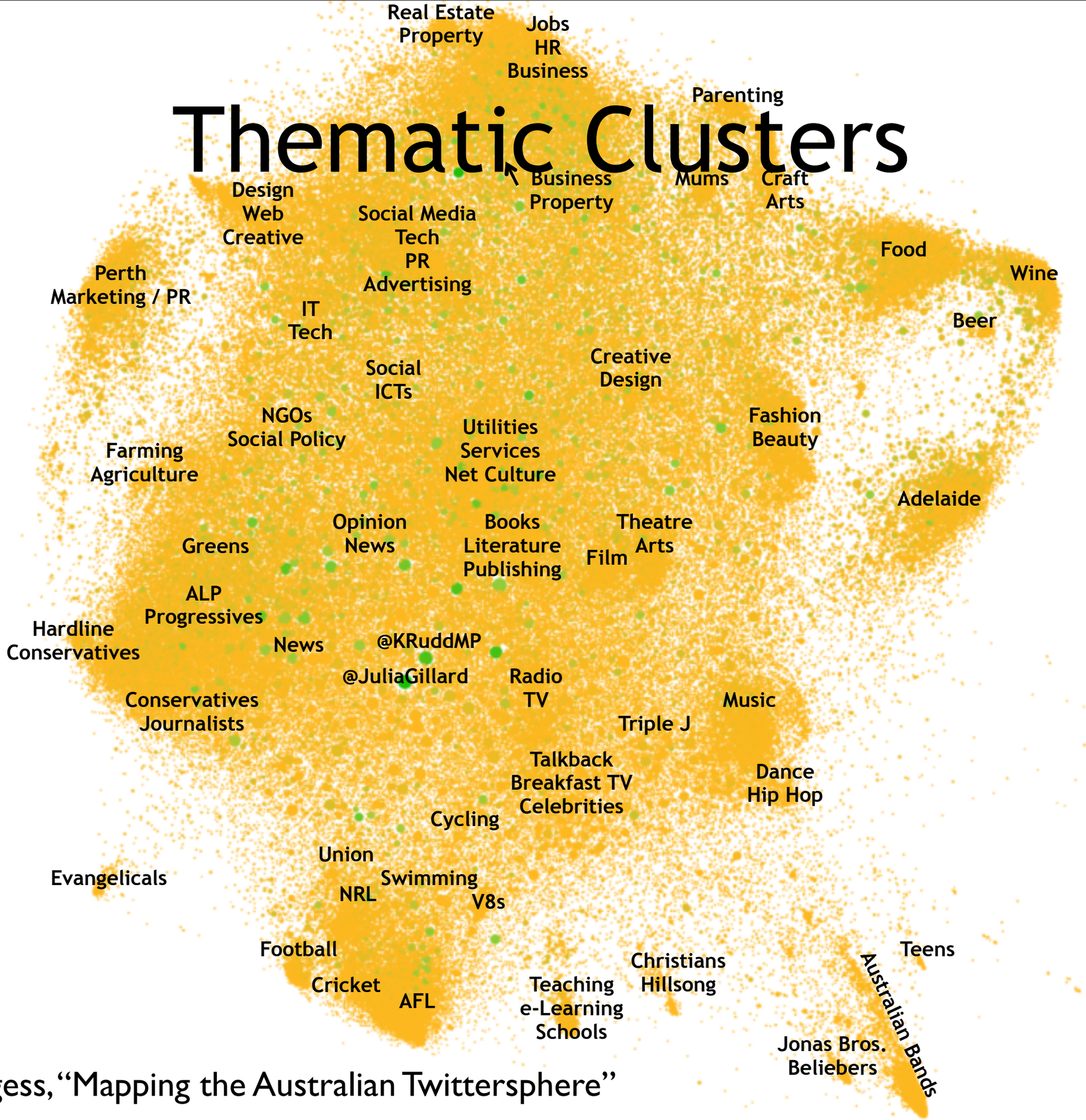
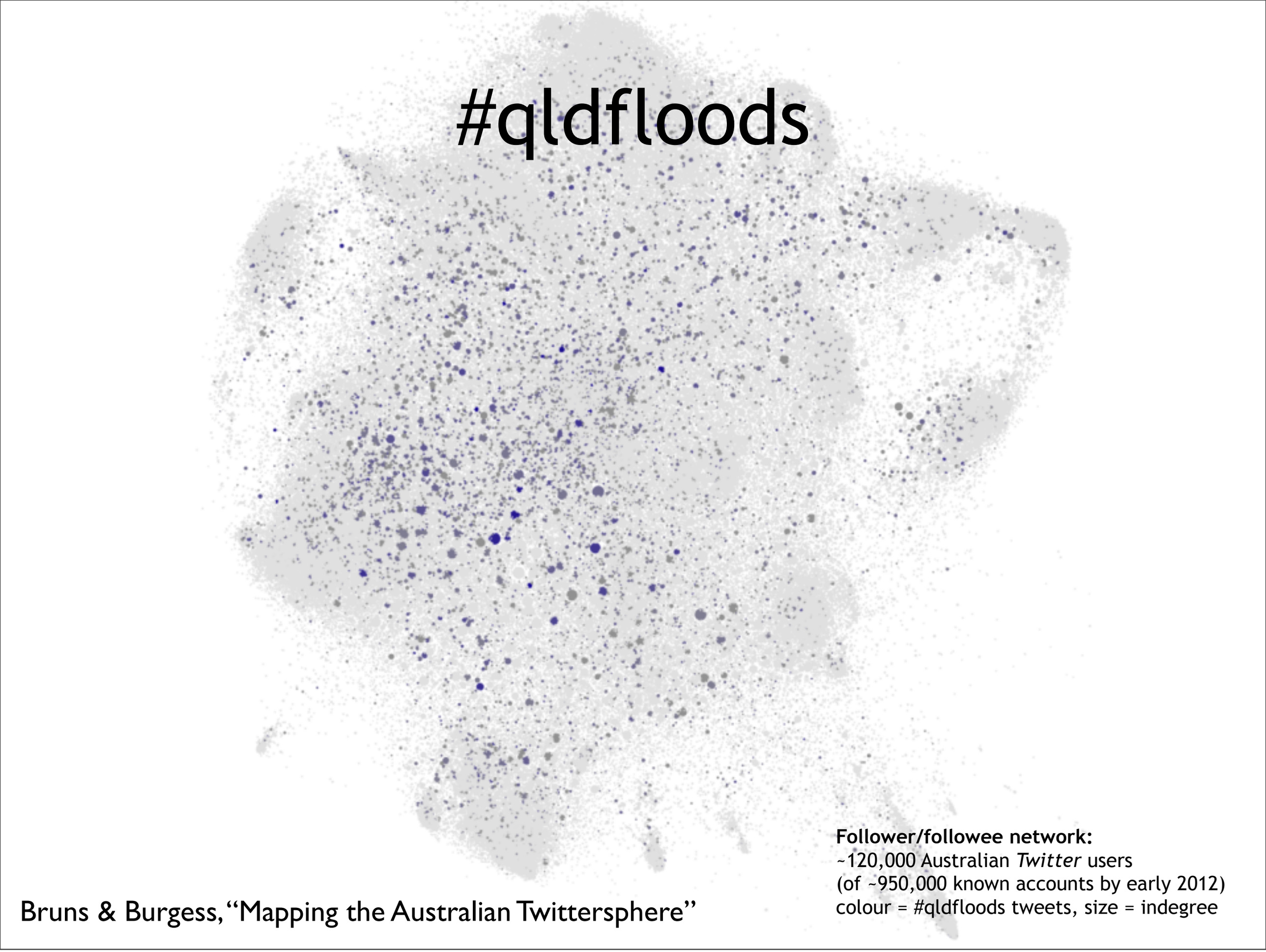


Bruns & Burgess, "Mapping the Australian Twittersphere"

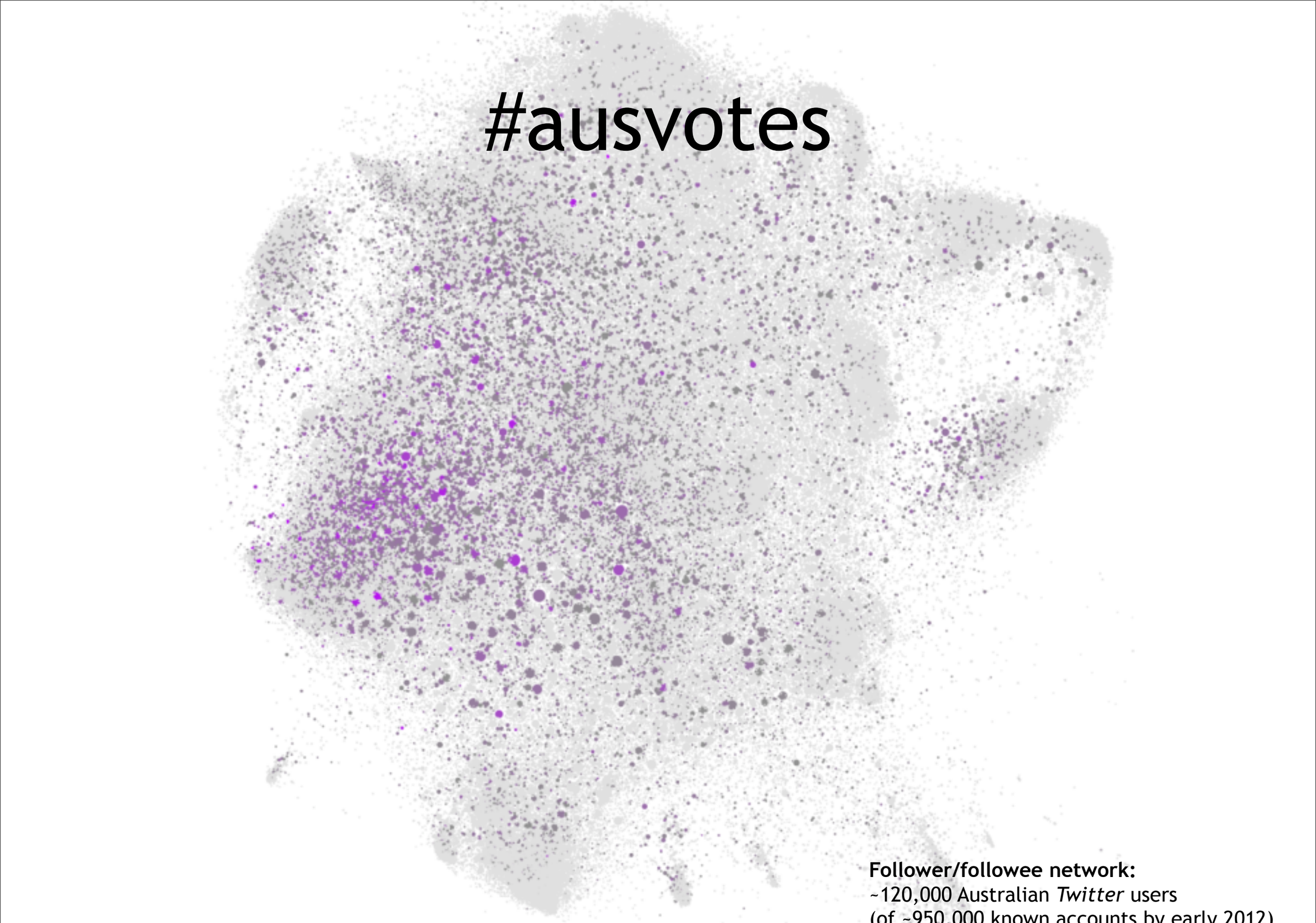
#qldfloods



Bruns & Burgess, "Mapping the Australian Twittersphere"

Follower/followee network:
~120,000 Australian *Twitter* users
(of ~950,000 known accounts by early 2012)
colour = #qldfloods tweets, size = indegree

#ausvotes



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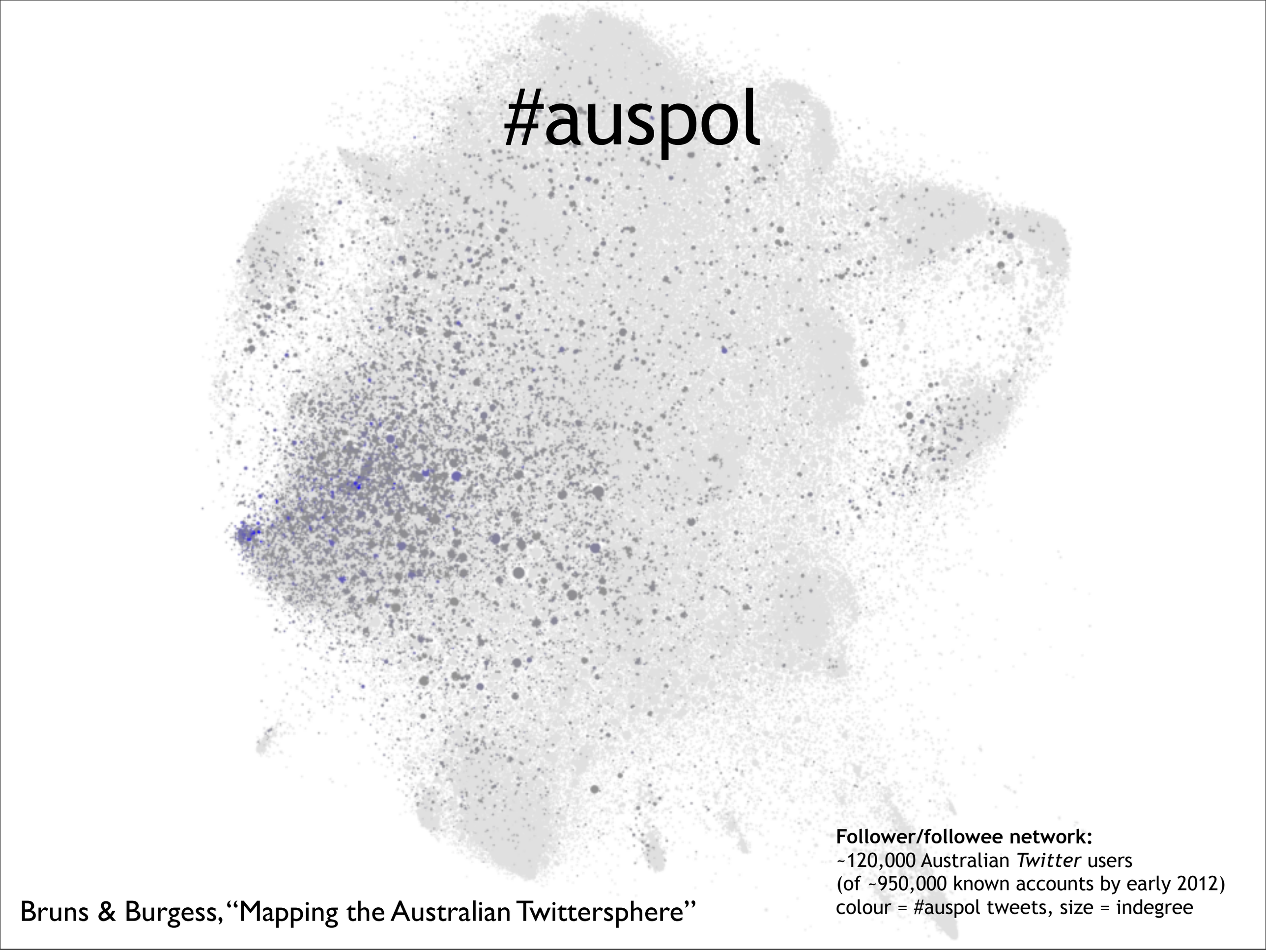
#auspol



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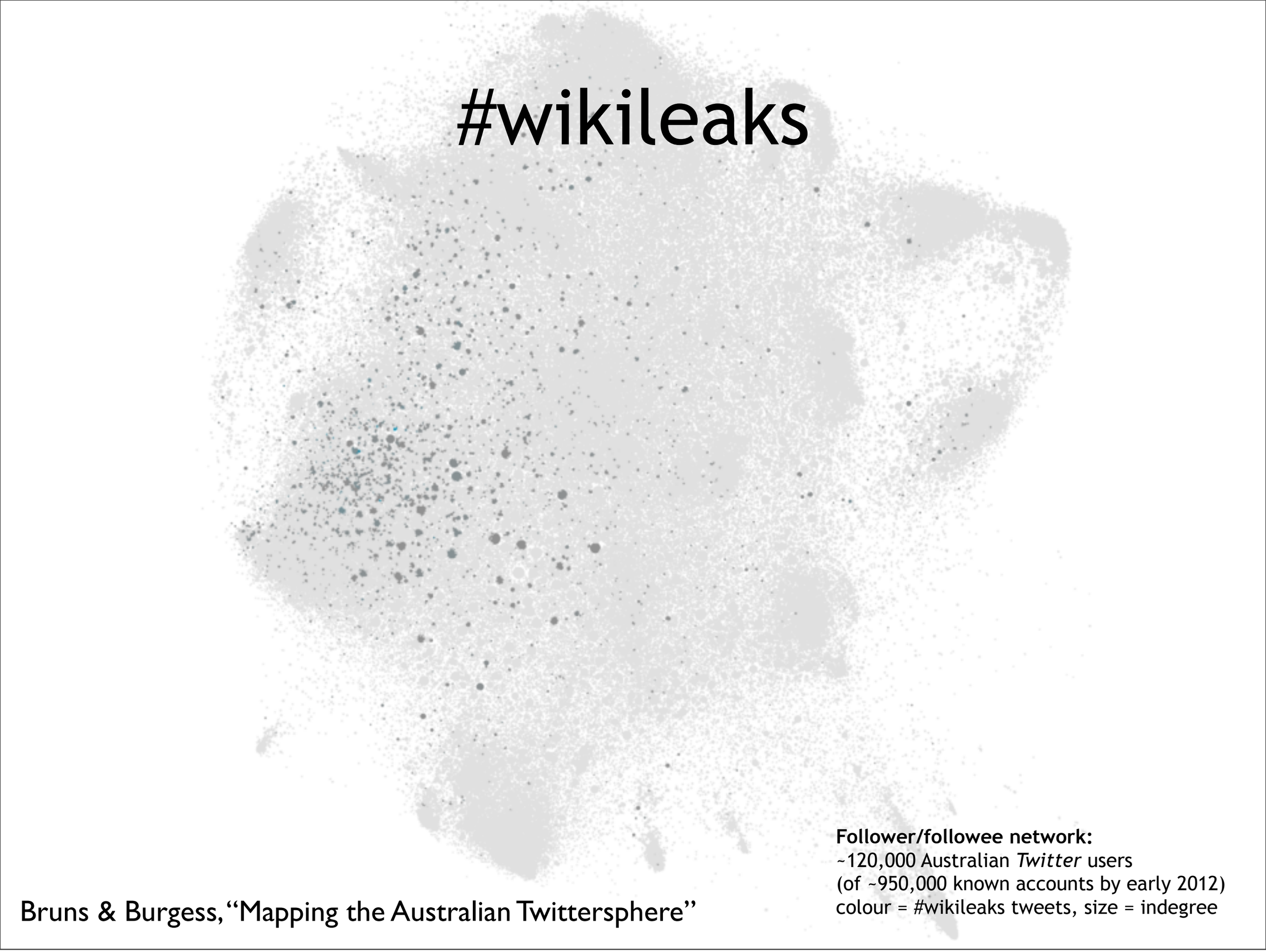
#wikileaks



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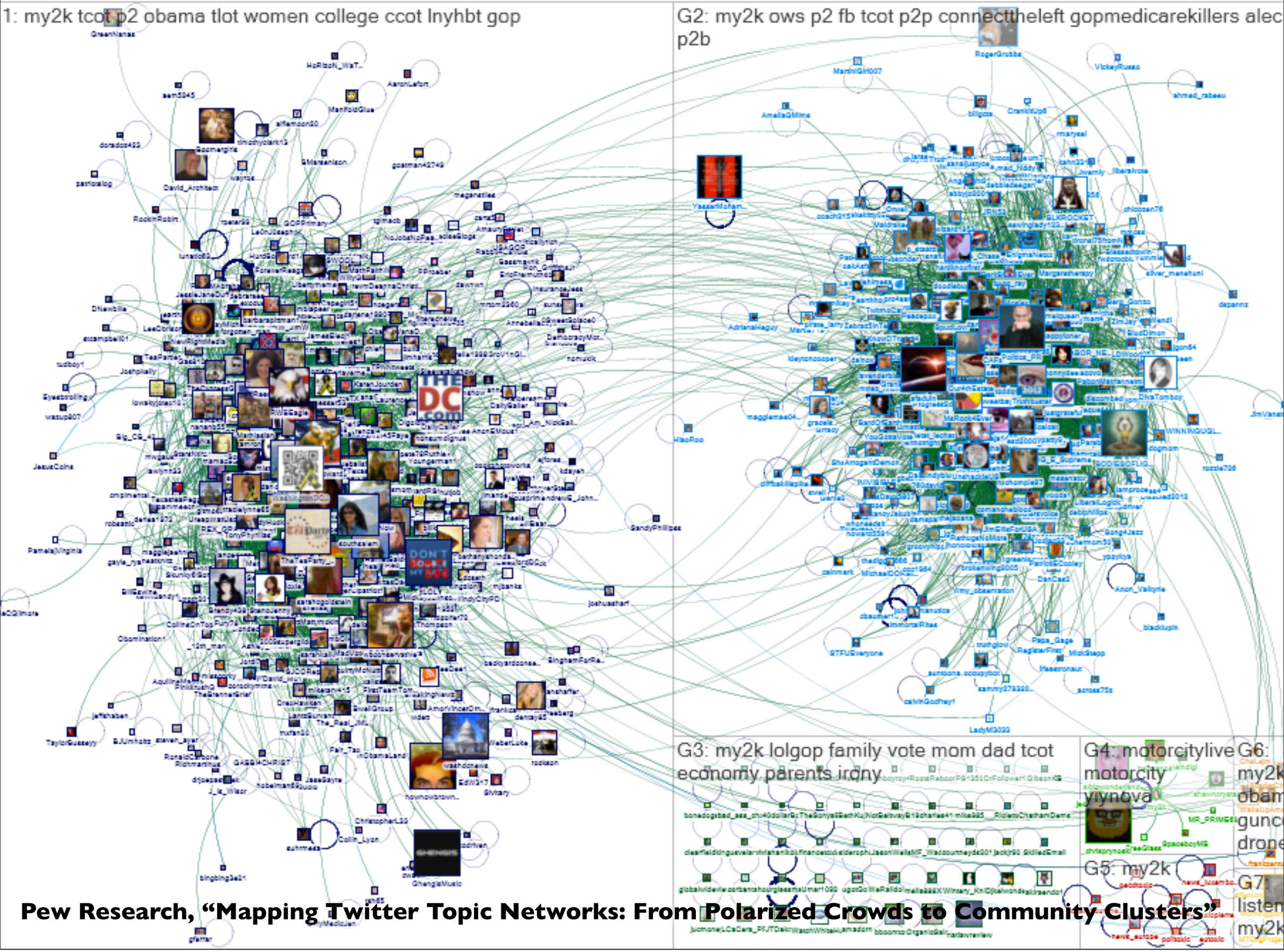

Pew Research, "Mapping Twitter Topic Networks: From Polarized Crowds to Community Clusters"

Benjamin Erb @_johnny_p_Dc 10 Aug
The Greens Party new election ad is very ordinary. I'd be hiring a **new** creative director if I was **the Greens.** #AusVotes #AusPol #Greens
Expand

william Goyer @midasfundsJj 10 Aug
The Greens Party new election ad is very ordinary. I'd be hiring a **new** creative director if I was **the Greens.** #AusVotes #AusPol #Greens
Expand

Oscar Pulman @delwilliams7l 10 Aug
The Greens Party new election ad is very ordinary. I'd be hiring a **new** creative director if I was **the Greens.** #AusVotes #AusPol #Greens
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Neema Naficy @nnaficyf 10 Aug
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BT @Br_Tr 10 Aug
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Expand

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Lists

Tweet to Benjamin Erb

@_johnny_p_Dc

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Top 10 Tech This Week

Benjamin Erb

@_johnny_p_Dc

Registered patent attorney and representing clients ranging from startup ventures to Fortune 500 corporations in all aspects of intellectual property.

Kaneohe, Hawaii

27 TWEETS | 48 FOLLOWING | 8 FOLLOWERS | Follow

Tweets

Benjamin Erb @_johnny_p_Dc 23 Aug
I need to order more crop tops. Lol. Time for online shopping cause there's no time to go shopping!
Expand

Benjamin Erb @_johnny_p_Dc 23 Aug
522 A creative man is motivated by the desire to achieve, not by the desire to beat others.#AAAndrea
Expand

Benjamin Erb @_johnny_p_Dc 15 Aug
#Work #DeadSea #Jordan #Amman
Expand

Benjamin Erb @_johnny_p_Dc 10 Aug
But basketball is always going to be my favorite sport
Expand

https://twitter.com/_johnny_p_Dc screenshot 26 August 2013

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Buy Twitter Followers	**$20**	**$40**	**$70**	**$160**	**$300**	**$500**
Twitter Followers	2500	5000	10 000	25 000	50 000	100 000
Delivery Time (days)	3	3	3	3	4	5
Money-Back Guarantee	✔	✔	✔	✔	✔	✔
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	250 000	500 000	1 Million
BULK Twitter Followers	**$750**	**$1200**	**$1500**
Twitter Followers	250 000	500 000	1 Million
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