# What & why?

## Bipolar Disorder (BD)

Severe mental health (MH) issue: extreme + changing mood Affects 4.4% of US population (0.1–4.4% worldwide) [1] •

mania	hypomania	1		depression				
	elated	norm	nal	low				
Personal recovery (PR)								

**Clinical recovery:** remove symptoms, restore functioning Personal recovery: living a satisfying, hopeful, contributing life even with limitations caused by symptoms [2]

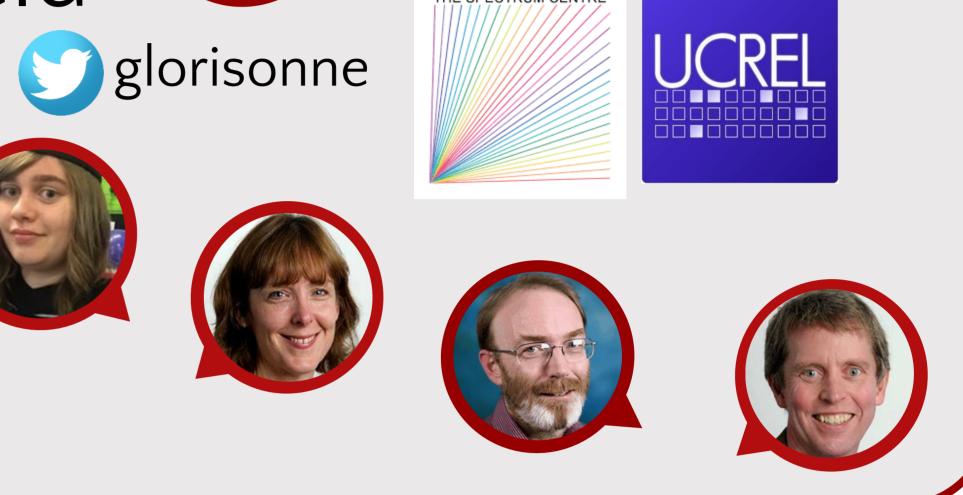
## Peer online support forums

- Source of information, support, social contacts
- PR research so far: interviews, focus groups • retrospective, researcher influenced
- Online posts: direct insights into current lived experience Include voices of people not in contact with services

Talking about personal recovery in bipolar disorder: Text analysis of public peer online support forum posts

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## **Research** question

What can online support forum posts reveal about the processes and experience of PR in BD in relation to the POETIC framework?

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Who?

	Results									
Ρ	Purpose & meaning	0		d/voluntary work formal education	Quality of life	Meaningful life & social roles	Spirituality	Meaningful life & social goals	Rebuilding of life	
0	Optimism & hope	Belief in possibility of recovery		Positive thinking & valuing success	[	Hope-inspiring relationships		Having dreams and aspirations		
Е	Empow- erment	Self-management & personal responsibilit	0		Controversial role of medication		Control over life		POETIC:	
Т	Tensions	Balancing acceptance with ambitions	nce Openness enables suppo but also stigmatisation			Ambivalence around (hypo-)mania		Conceptual framework for		
T	Identity	Rebuilding positive sense of self		Over-coming stigr	ma	Dimensions of i	dentity	PR in BD [4]		
С	Connect- edness	Support from others		Relationships		Peer support and support groups		Being part of the community		
X	Not POETIC	Other		Symptoms		Genetics & family history		Diagnosis		
	Freque	ency <b>159 350</b>	)	1000 1300	) 20	00 40	00	6500		

# So what?

- Summary
- Innovative text analysis approach to study PR in BD
- POETIC framework captures online experiences well, only 8% of instances coded as "Not POETIC"
- Different frequency/salience of online topics versus interviews/focus groups (see )
- Users discuss sensitive & contentious topics

## Implications

- **Research:** POETIC framework validation Apply CFA to other research questions
- **Practice:** more awareness of relevant PR issues in BD

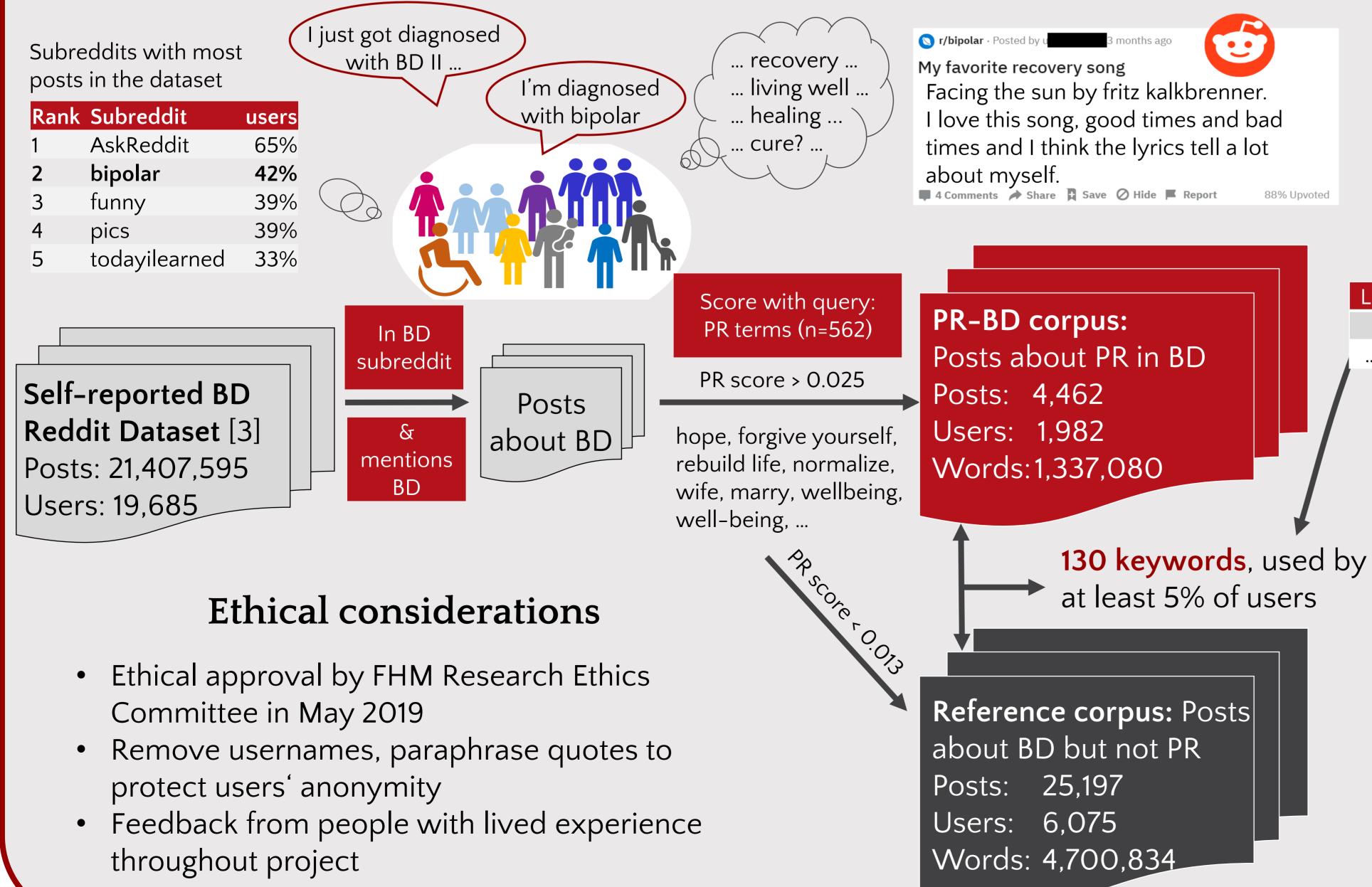
### Limitations

• PR terms list enabled but biased corpus construction • Topic-like POETIC categories easier to capture with single terms than theme categories

## How?

#### Data

- Reddit user account identification via self-reported BD diagnosis statements
- Selected posts about PR in BD with an information retrieval approach



Analysis approach Corpus framework analysis (CFA)

Corpus linguistics + qualitative framework analysis

- 1) Data familiarisation: read randomly sampled posts in threads
- 2) Generate **keywords**: significantly overused in PR-BD corpus vs. reference corpus of non-PR relevant posts (log likelihood, p < 0.0001)
- 3) POETIC framework analysis of 30 randomly sampled concordances per keyword

eft context (up to 20 words)	Key lemma	Right context	POETIC
I have hope for	recovery	for the first time since long	2.2
. she cannot be a part of my	recovery	anymore because she	1.2

4) Consider absences: PR terms that are not key lemmas

## References

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