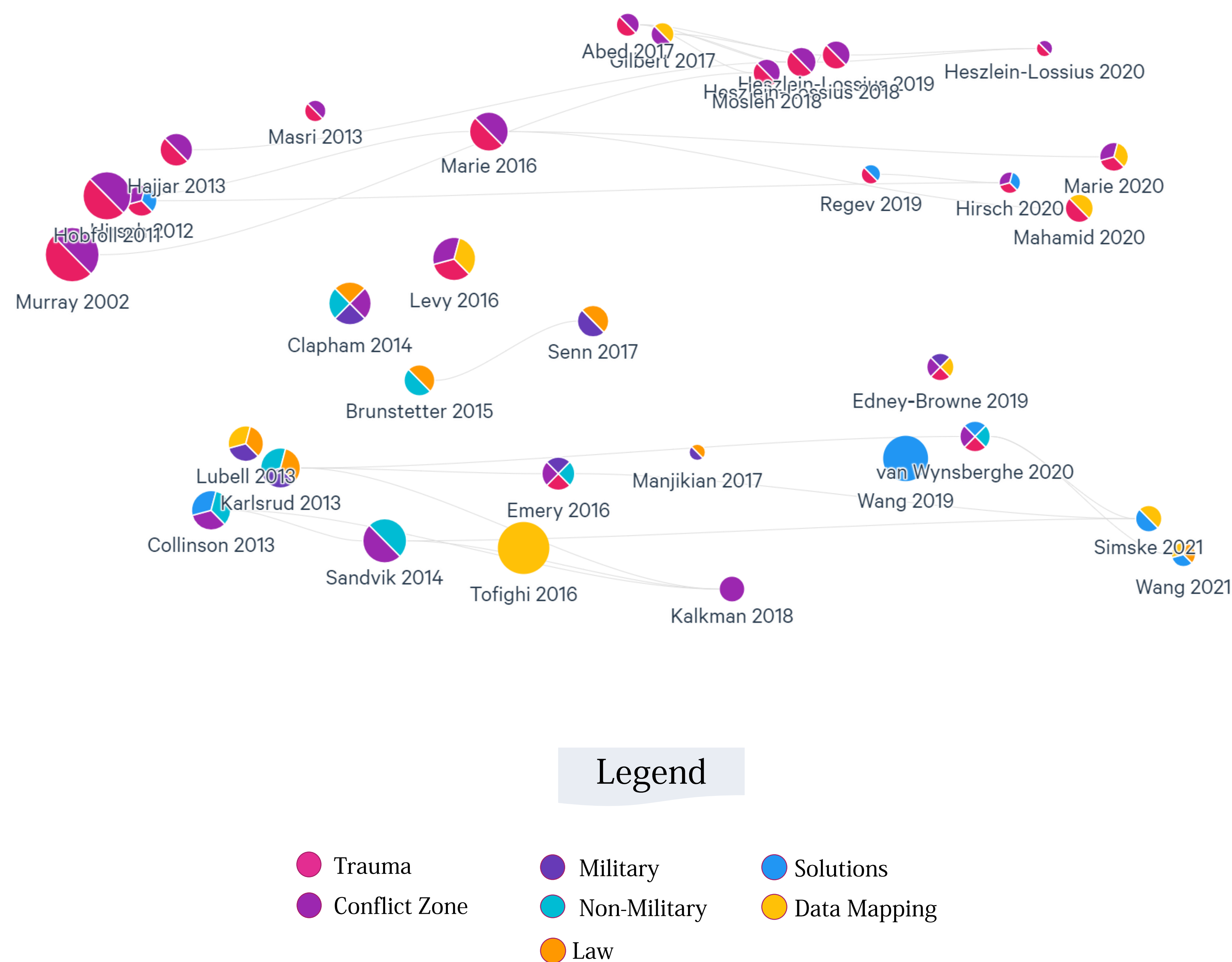


## Background

- This research explores various dimensions of unmanned aerial systems (UAS) and their short-term and long-term impacts on civilians
- Current research addresses the physical power they wield, but minimally addresses their psychological impact
- The inability of civilians to distinguish between military and humanitarian drones suggests an alternative dimension of influence
- The literature review examines “conflict zone”, “drone activity”, and “drone data” to learn where they overlap, and where gaps exist
- The gaps, or missing data, will be replaced with poetry to gather intelligence on the psychological, social, and cultural impacts of living and working in conflict zones across the globe

**Keywords:** UAS, conflict zone, trauma, human-machine, dual-use drone, humanitarian

## Literature Map

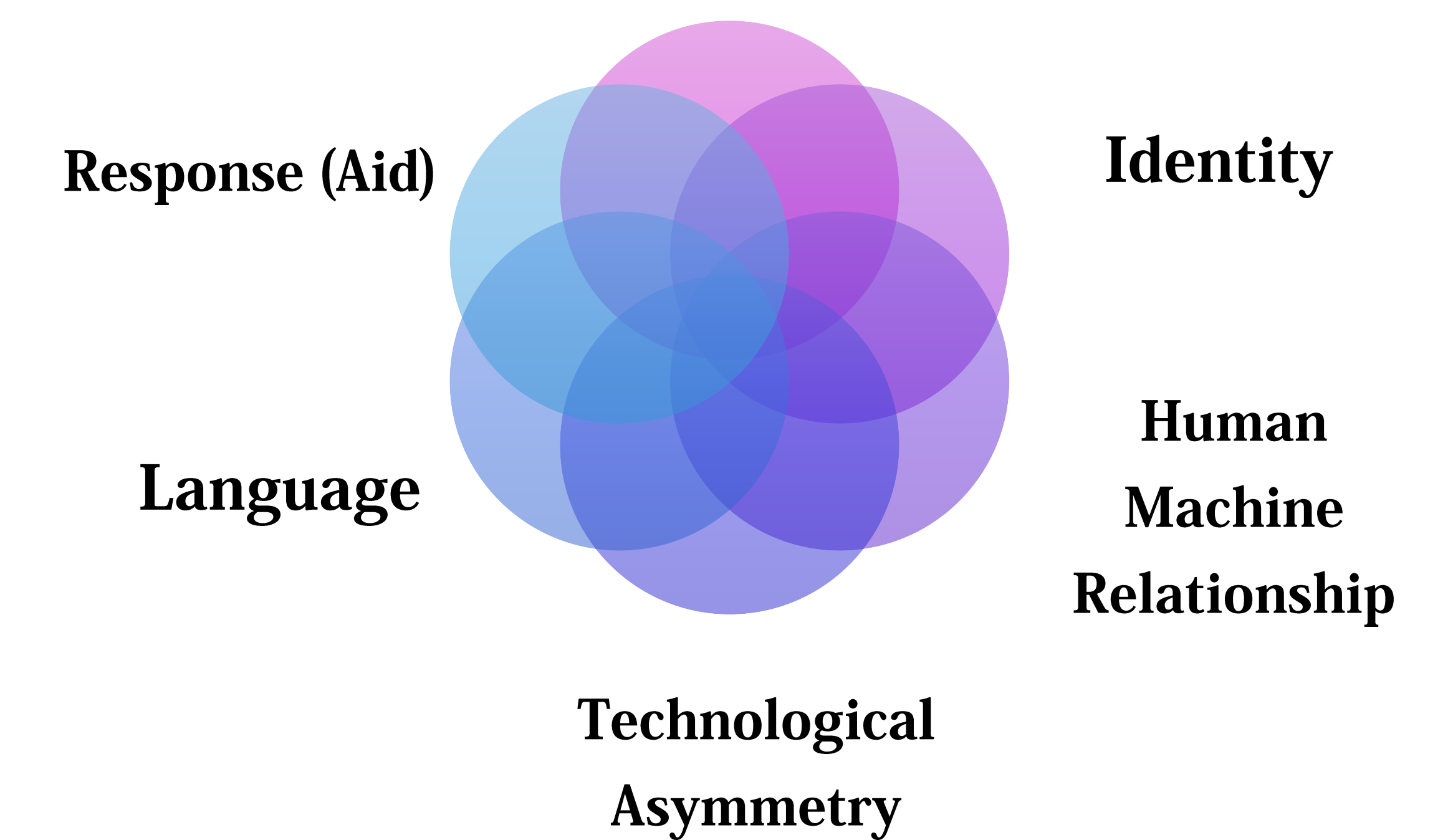


## Research Questions

- Do weaponized (armed) and unweaponized (unarmed) drones have the same impact on civilians in conflict zones?
- How is trauma defined?
- What is a conflict zone?
- Which regions report drone activity? Which ones do not?
- Which regions report physical injuries and not just loss of life?
- Does poetry from conflict zones assist in identifying the psychological impact of living under UAS?

## What is Impacted?

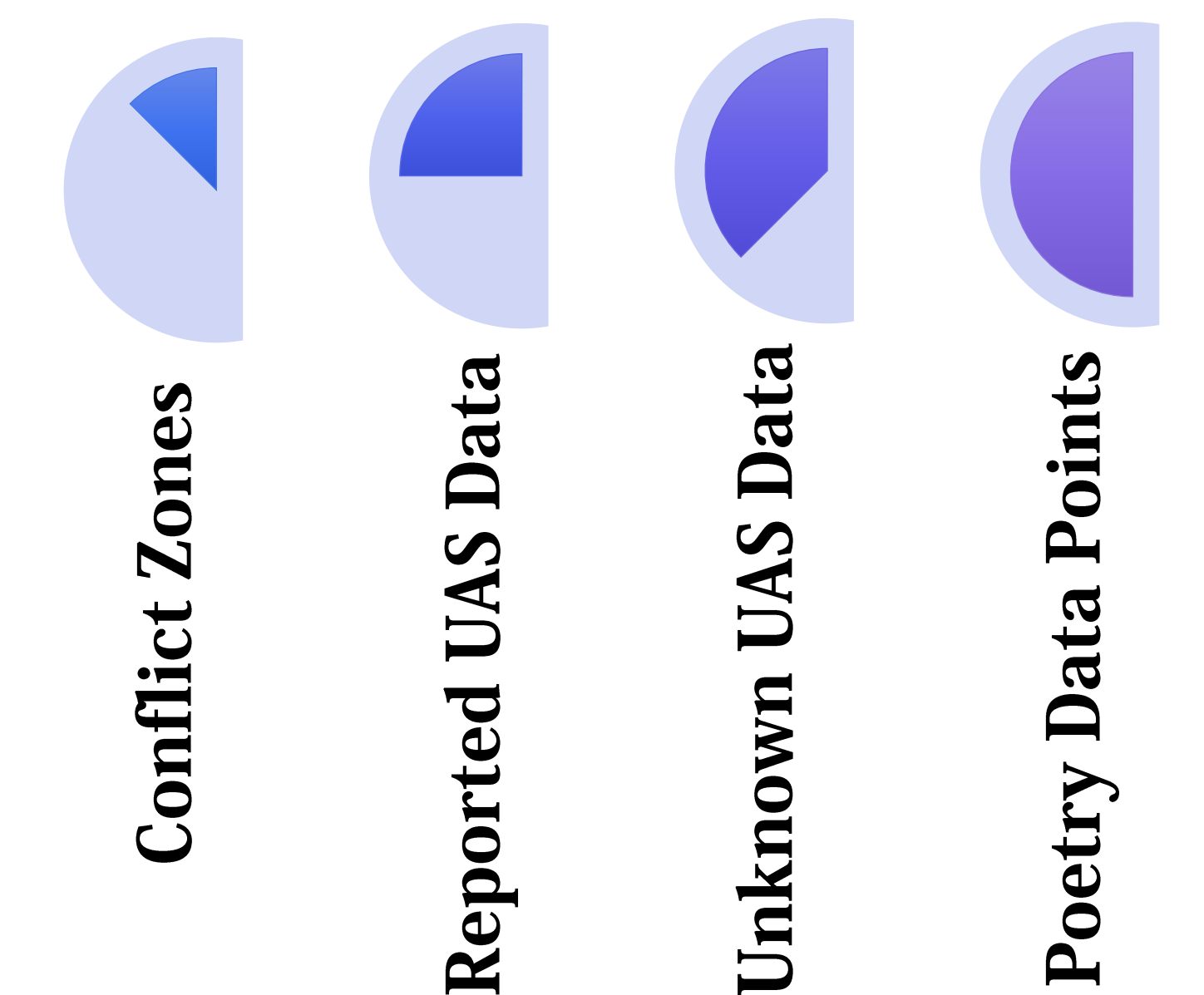
### Unmanned Aerial Systems (UAS)



## Findings

- The dual use of unmanned aerial systems continues to engage scholars in the debate about its inherent asymmetry
- Minimal literature is available on the specific psychological impact of UAS in conflict zones
- Fatalities and physical injuries are unequally reported; psychological impact is almost never reported
- Drone language suggests a blur between civilian and military uses for UAS; terminology is adapted to the end-user mission
- Military UAS are refurbished for the humanitarian sector
- Civilians are unable to confidently distinguish between armed and unarmed drones
- Drone trust is minimally explored in conflict zones
- Research suggests a shift in the use of qualitative data and supports the use of poetry to fill in data gaps

## Variables



## Next Steps

- Conduct an analysis of drone language
- Examine historical definitions of trauma across cultures
- Cross-examine reported injuries
- Map conflict zones, drone reports, and drone activity
- Identify data gaps
- Locate poets from conflict zones