# Structured Threat Assessment of Written Communication

# Dechefr

Most of the unwanted communication and contact that is targeting companies and individuals is harmless. However, in some cases, there is an increased risk of undesired behavior that might threaten security. The question is, how do we decide what communication that requires further management?

There are several approaches to threat assessment, and most organizations use their own protocols. When assessing written communication, it is common that we have limited information about the author and the author's intention. Therefore, using existing protocols to assess communication is difficult. Threat assessment of written communication should be considered a part of a larger assessment. It can deepen or broaden existing knowledge, support or reject a hypothesis, and structure assessments where other information is missing.

Dechefr is a research-based tool developed to aid threat assessment professionals. The tool automatically produces a general risk level, allows users to assess eight indicators of proximal risk for intended or targeted violence manually, semi-automatic, or fully automatically, and the user can make comparisons with previous offenders and the normal population. Dechefr is validated in several research studies and is used by threat assessment professionals worldwide.

## Key indicators for threat assessment

- **Anger**: Expression of anger
- **Grievance**: Expression of grievance
- **Othering**: Us versus them thinking
- **Leakage**: Communication of intent to harm a specific target
- **Warrior mentality/military terminology**: Interest in weapons, military and police violence
- **Influences**: Influences from previous offenders - Interest/admiration for previous offenders and/or copycat behavior
- **Preoccupation**: Extreme occupation with a person or a cause
- **Linguistic alignment**: Linguistic cues or other markers that indicate that the individual is influenced by an ideology or a subculture

# Why Dechefr?

## Evidence-based predictions

Dechefr is validated to predict violent behavior with high accuracy. Risk score prediction and individual risk indicators are designed to work with written language, based on a subset of established risk assessment frameworks such as TRAP-18.

## Any text source

Automatically evaluate text gathered from various sources such as social media, chat rooms, forum posts, and e-mails to get a preliminary General Risk Level and assess the text using Dechefr's risk indicators.

## Compare results with known perpetrators

All risk indicators are presented in a standardized format, with the possibility to compare results against the normal population, known perpetrators, and cases in your archive.

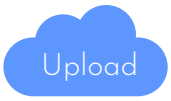
## Connect linguistics with psychology

Dechefr's unique automated threat assessment complements linguistic analysis with a psychological signature, proven to predict the likelihood of violent behavior.

## Fast threat assessment with **high accuracy**

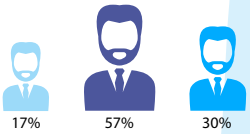
Use Dechefr for reliable linguistic and psychological text analysis that saves hours of work and reveals where further action is needed.

# Dechefr for assessing the risk of violent behavior

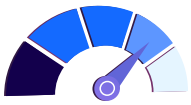



Upload/paste any kind of text in Dechefr (more than 300 words)

Store sentences and words important for the assessment




Find similar profiles from your dashboard or from Dechefr's database of previous offenders



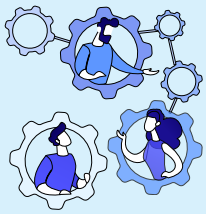
General risk level gives a quick insight into the risk of violent behavior

Get quick insights, verify your results, and compare them to a normal population

Make an assessment using Dechefr's key indicators for threat assessment

Determine if the writer is influenced by an ideology or a subculture

Find warning behaviours to identify patterns of proximal risk for intended or targeted violence



Get a deeper understanding of how the writer sees him/herself in relation to others

Check what emotions the writer is expressing

Store and retrieve assessment from your dashboard


Finalize a report of your assessment