



Pericles

Policy recommendation and improved communication tools for law enforcement and security agencies preventing violent radicalization

ModeRad. Modelling and Classifying Radical Content on Twitter

**R e s u l t
R e p o r t**

PERICLES' **Cyberspace Detection System (MODERAD: Modelling and Classifying Radical Content on Twitter)** is based on analysis of metadata about violent and radicalised speech on the Internet, analysing the incidence and prevalence of these deviant phenomena, its typologies, and its environmental factors. The main social network in which the dissemination of hate speech and other radical content is studied has been Twitter because of its to-tally public nature. The work done by designing a software instrument that detects and records the violent and radicalised discourse on the cyberspace, based on the taxonomy of the violent and hate speech on open webspace developed by UMH. The main methodological novelty of this tool, compared to other semantic or syntactic detectors, is the detection of radical contents by combining lexicopragmatical analyses with certain (cyber-) environmental factors related to the publication of these radical contents. Therefore, it is not an automatic search methodology but rather supervised automation; its main use is to give information to police departments or justice systems of certain radical content, and the quantitative or qualitative features.

Developers: Alejandro Rabasa Dolado, Miriam Estevez Campello, Fernando Miró Linares, Francisco J. Castro Toledo, Asier Moneva Pardo

For more information, the following email has been enabled:
moderad@crimina.es

MODELLING AND CLASSIFYING RADICAL CONTENT ON TWITTER (MODERAD)

Tool objectives:

ModeRad is based on analysis of metadata about violent and radicalised speech on the Internet, analysing the incidence and prevalence of these deviant phenomena, its typologies, and its environmental factors. The software

detects and records the violent and radicalised discourse in Twitter, based on the taxonomy of the violent and hate speech on cyberspace.

Overview of approach to development/methodology:

ModeRad is a desktop application (local hosting/not web) capable of detecting potential radical content to remove it, identify radical content users for being investigated and monitor suspicious #hashtags. ModeRad will be available to officials of law enforcement authorities and police departments who are directly involved in investigation of radical content on the Internet.

