



D3.2  
Data Needs Inventory

WP 3 – Data Requirements

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## Keywords

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Data collection; data coding; methodology; risk analysis matrix; risk analysis framework.

## Acronyms

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Acronym	Definition
DoW	Description of Work
LAEE	Lone Actor Extremist Event
RAPA	Radicalisation, Attack Preparation, Attack
SME	Subject Matter Expert

## 1. Introduction

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### 1.1 Context

Preventing, Interdicting and Mitigating Extremist events (PRIME) is a collaborative research project funded under the European Union's Seventh Framework Programme (FP7). PRIME started on 1 May 2014 and is slated to run for 36 months.

PRIME sets out to improve our understanding of lone actor terrorism and to inform the design of social and physical countermeasures for the prevention of lone-actor radicalisation, the disruption of lone-actor terrorist plots, and the mitigation of terrorist attacks carried out by lone extremists. In this endeavour, PRIME adopts a multidisciplinary approach, which combines formal modelling techniques drawn from security engineering with relevant expertise from the ecological, social, behavioural and criminological sciences. The end-product will be a decision-support tool for end-users whose remit is to deal with the lone actor terrorism threat.

PRIME's research activities involve a range of social scientific research methodologies for the purpose of collecting empirical data needed to produce scripts (integrated script and subscripts) of lone-actor extremist events (LAEE) and related analytical products. The ultimate aim of these combined products is to enable the identification of 'pinch points', where interventions (i.e. countermeasures) can be implemented to prevent, disrupt or mitigate lone-actor terrorist activity.

PRIME seeks to go beyond the state of the art in the study of lone actor extremism in a number of ways: firstly, by modelling factors, processes and indicators associated with LAEEs at several levels of analysis, and, secondly, by developing for this purpose a more rigorous theoretical and analytical approach than has heretofore been used in this domain to produce scripts and explanations of LAEEs.

To achieve these objectives, PRIME research activities must include the collection of suitable data. The main purpose of this document is to inventory the project's data needs, in order to guide future data collection activity by the PRIME scripting teams responsible for the modelling of the LAEEs' three phases: radicalisation, attack preparation and attack.

### 1.2 Objectives

The objectives of the present deliverable are as follows:

To briefly outline the main dimensions of the Risk Analysis Framework (RAF) which is intended to inform the production of the LAEE subscripts. A more

detailed description of the RAF is presented in Deliverable 3.1 (D3.1 "Risk Analysis Framework").

To inventory general categories of datasets and data categories which are required to successfully produce LAEE subscripts, in order to inform the data collection efforts of the scripting teams.

*The resulting inventory is intended has an 'ideal-type' list of desirable data. It is well understood that, given the well-known issues associated with data access in the terrorism research field, and the necessary constraints placed upon the PRIME research activities by institutional ethical guidelines and broader ethical*

The RAF which drives the PRIME project can be summarised in a matrix (Figure 1), whereby each column represents an analytical phase of LAEEs, each row represents a level of analysis, and each cell is populated by key hypothesised categories of causal factors and mechanisms.

As with any representation of multi-level processes and events, analytical distinctions are to some extent arbitrary and conventional. For example, motivation is a property emerging out of the interaction of the properties of individual (actor) and situational

Figure 1 Risk Analysis Matrix<sup>3</sup>

		Phase of Event		
		Radicalisation	Attack Preparation	Attack
Level of Analysis	Individual	Susceptibility to moral change Susceptibility to social selection Susceptibility to self-selection	Social, physical and cognitive resources Susceptibility to social and self-selection	Social, physical and cognitive resources
	Situational	Exposure to radicalising settings Radicalising agents Radicalising teachings Social monitoring context	Opportunity structure Moral context Perception of action alternative Perception of capability (risk) Emergence of motivation	Opportunity structure Moral context Perception of action alternative Perception of capability (risk) Maintenance of motivation
	Social Ecological	Emergence and maintenance of radicalising settings	Emergence and maintenance of opportunity structure	Emergence and maintenance of opportunity structure
	Systemic	Emergence and maintenance of radicalisation-supportive social ecologies Emergence of social selection processes	Emergence and maintenance of opportunity-supportive social ecologies Emergence of social selection processes	Emergence and maintenance of opportunity-supportive social ecologies



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opposed to, for example, SME opinions on LAEEs and their causes 'in general', though those may guide our approach to the analysis).

## *1. Large-N dataset*

Allowing for statistical analysis of general trends in LAEEs across a variety of contexts (e.g. regions; countries; ideologies) requires the collections of a large-N dataset, as does the choice to use Bayesian Networks to model the data.

It was agreed at the outset that the PRIME Large-N dataset would, as described in the project's Description of Work, expand upon the existing dataset of 119, post-1990 US and European LAEEs collected by Paul Gill and colleagues<sup>4</sup>, updating and revising it with new LAEE cases and new variables. To further augment the original dataset, data would also be collected on lone-actor extremist attacks carried out in Israel and the Occupied Territories (an area not previously covered by the Gill et al dataset), drawing on Israeli databases and using the existing Gill et al codebook to

## 2. *Medium-N dataset*

Proceeding from the above, it was established that a medium-N dataset (around 15 to 30 cases), built upon a purposively-sampled subset of the large-N dataset, could fulfil three key purposes:

- 1) allow for a 'timeline'-driven approach to our understanding of LAEEs, so that the PRIME teams could model the progression of LAEEs over time and space, which is

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- Citizenship
- Family status (offender marital status; children; parents' marital status)
- Details of education status (highest level; notable achievements)
- Occupation
- Military experience and status (details of military experience, if applicable)
- Criminal convictions and prison history
- Ideological/political affiliation
- Religious background
- Level of practice
- Substance abuse history
- Mental health history
- Cognitive-behavioural indicators (e.g. self-control, impulsivity)

#### Social networks/exposure to radicalising influence

- Details of links to political, social or religious movements or organisations
- Contact with movements or organisation (remote or face-to-face)
- Participation in public political, social or religious events
- Frequency of contact, if relevant
- Reason for interrupting contact, if relevant
- Kin or spouse involved in political, social or religious movements
- Kin or spouse criminal history
- Settings and communities (characteristics of locations and communities where radicalising relationships were formed or unfolded, or where other types of radicalising exposure took place)

#### Behavioural antecedents and attack planning

- Public and private statements of intention
- Content of statements

- Access to political or religious propaganda materials
- Access to relevant training manuals (e.g. technical or cognitive resources)
- Weapons acquisition
- Displays of anger
- Attempts to recruit others
- Pre-attack warning and timescale
- Conversion or other moral change
- Change in employment status
- Change in educational status
- Change in physical appearance
- Other personally significant antecedent event(s)
- Travel abroad prior to attack (if so, details of where and why)
- Training prior to attack (if so, details of training activities)
- Change in social connections (e.g. kinship, friendship links)
- Evidence of hostile reconnaissance or intelligence gathering
- Social media involvement (e.g. forums)
-



- Outcome of legal proceedings, if any

To ensure that the required information is extracted out of what may be large and



- Interviews with SMEs (e.g. police investigators)

*Small-N dataset*

- Open sources
- Police files
- Court files
- Interviews with SMEs
-

## **Appendix A – Gill et al Large-N Codebook (Original)**

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International Center for the Study of Terrorism Lone Actor Codebook

Coder Name:

**LONE ACTOR SOCIO-DEMOGRAPHIC VARIABLES**

1. Individual's Full Name:
  2. Did the Individual have any known aliases? Aliases include alternate names, as well as alternate spellings of the name listed above
    - 1  No
    - 2  Yes
    - 88  Unknown
  
3. Gender:
  - 1  Male
  - 2  Female
  - 88  Unknown
  
4. Date of Birth:
 

\_\_ / \_\_ / \_\_ (mm/dd/yyyy)
  
5. Age of First Terrorist Activity:
 

Age in Years:

88  Unknown
  
6. Age Group of First Terrorist Activity
  - 88  – Unknown
  - 1  – Under 18
  - 2  – 18-20
  - 3  – 21-23
  - 4  – 24-26
  - 5  – 27-29
  - 6  – 30+
  
7. Place of Birth:
  - 1  USA: City, State:
  - 2  Non-USA: City, Country:
  - 88  Unknown
  
8. Citizenship:
  - 1  United States
  - 2  Other
  - 88  Unknown

9. Town Size:

- 88 [ ] Unknown
- 1 [ ] Under 1,000
- 2 [ ] 1000-2000
- 3 [ ] 2001-5000
- 4 [ ] 5001-10000
- 5 [ ] 10001-20000
- 6 [ ] 20001-50000
- 7 [ ] 50001-100000
- 8 [ ] 100000+

10. Town size of last known address:

- 88 [ ] Unknown
- 1 [ ] Under 1,000
- 2 [ ] 1000-2000
- 3 [ ] 2001-5000
- 4 [ ] 5001-10000
- 5 [ ] 10001-20000
- 6 [ ] 20001-50000
- 7 [ ] 50001-100000
- 8 [ ] 100000+

11. Individual's Marital Status at time of offense:

- 1 [ ] Single (never married)
- 2 [ ] Partnered (boyfriend/girlfriend)
- 3 [ ] Married
- 4 [ ] Separated
- 5 [ ] Divorced
- 6 [ ] Widowed
- 7 [ ] Other, :
- 88 [ ] Unknown

12. What is the marital status of the individual's parents?

- 1 [ ] Never Married
- 2 [ ] Married
- 3 [ ] Separated
- 4 [ ] Divorced
- 5 [ ] Widowed
- 6 [ ] Other, :
- 88 [ ] Unknown

13. Did the individual have any children at the time of the offense?

- 1 [ ] No
- 2 [ ] Yes; :
- 88 [ ] Unknown

14. Highest Level of Education Achieved by the Individual?

- 1 [ ] No high school
- 2 [ ] Some High School
- 3 [ ] Completed/Graduated High School
- 4 [ ] GED
- 5 [ ]



- 1 [ ] Nationalist
- 2 [ ] Left Wing
- 3 [ ] Right Wing
- 4 [ ] Single-Issue (e.g., anti-abortion, environmentalist, etc)
- 5 [ ] Religious
- 6 [ ] Other: \_\_\_\_\_ :
- 88 [ ] Unknown

30. What was the religion of the individual?

- &%%-%/012342''5%
- )%%-%673829%
- +%%-% 25; 7%
- , %%-%<7; ; 0234%
- \*%%-%=2>03%
- ?%%-%@A230%
- B%%-%C#5' 342D%
- E%%-%C40\$234%
- F%%-%G40\$1#'\$%'%
- &H%%-%I 5>5' A5%

**ANTECEDENT EVENT FALL VARIABLES**

1. Did the individual produce letters or public statements prior to the event?
  - 1 [ ] No
  - 2 [ ] Yes
  - 88 [ ] Unknown
  
2. Did the individual make verbal statements to family or friends about his or her intent or beliefs prior to the event?
  - 1 [ ] No
  - 2 [ ] Yes
  - 88 [ ] Unknown
  
3. Did the individual make verbal statements to a wider audience prior to the event?
  - 1 [ ] No
  - 2 [ ] Yes
  - 88 [ ] Unknown
  
4. Did at least one other person know about the individual's grievance prior to the event?
  - 1 [ ] No
  - 2 [ ] Yes
  - 88 [ ] Unknown
  
5. Did at least one other person know about the individual's extremist ideology prior to the event?

- 1 [ ] No
- 2 [ ] Yes
- 88 [ ] Unknown

6. Did the individual provide a specific pre-event warning?

- 1 [ ] No
- 2 [ ] Yes
- 88 [ ] Unknown

7. Did the individual change addresses prior to the event?

- 1 [ ] No
- 2 [ ] Yes
- 88 [ ] Unknown

- 1 [ ] Less than 6 months
- 2 [ ] Less than 1 year
- 3 [ ] Less than 2 years
- 4 [ ] Less than 3 years
- 5 [ ] Less than 4 years
- 6 [ ] Less than 5 years

8. Did the individual's ideological orientation change prior to the event?

- 1 [ ] No
- 2 [ ] Yes
- 88 [ ] Unknown

- 1 [ ] Less than 6 months
- 2 [ ] Less than 1 year
- 3 [ ] Less than 2 years
- 4 [ ] Less than 3 years
- 5 [ ] Less than 4 years
- 6 [ ] Less than 5 years

9. Did the individual's ideological orientation intensify before the event?

- 1 [ ] No
- 2 [ ] Yes
- 88 [ ] Unknown

- 1 [ ] Less than 6 months
- 2 [ ] Less than 1 year
- 3 [ ] Less than 2 years
- 4 [ ] Less than 3 years
- 5 [ ] Less than 4 years



6 [ ] Less than 5 years

10. Did the individual's religious beliefs change prior to the event?

1 [ ] No

2 [ ] Yes

88 [ ] Unknown

1 [ ] Less than 6 months

- 1 [ ] Less than 6 months
- 2 [ ] Less than 1 year
- 3 [ ] Less than 2 years
- 4 [ ] Less than 3 years
- 5 [ ] Less than 4 years
- 6 [ ] Less than 5 years

14. Did the individual recently drop out of school/university?

- 1 [ ] No
- 2 [ ] Yes
- 88 [ ] Unknown

- 1 [ ] Less than 6 months
- 2 [ ] Less than 1 year
- 3 [ ] Less than 2 years
- 4 [ ] Less than 3 years
- 5 [ ] Less than 4 years
- 6 [ ] Less than 5 years

15. Did the individual clear out his/her bank accounts prior to the event?

- 1 [ ] No
- 2 [ ] Yes
- 88 [ ] Unknown

- 1 [ ] Less than 6 months
- 2 [ ] Less than 1 year
- 3 [ ] Less than 2 years
- 4 [ ] Less than 3 years
- 5 [ ] Less than 4 years
- 6 [ ] Less than 5 years

16. Did the individual pay off debts prior to the event?

- 1 [ ] No
- 2 [ ] Yes
- 88 [ ] Unknown

- 1 [ ] Less than 6 months
- 2 [ ] Less than 1 year
- 3 [ ] Less than 2 years
- 4 [ ] Less than 3 years
- 5 [ ] Less than 4 years
- 6 [ ] Less than 5 years

17. Did the individual seek legitimization from leading religious, political, social or civic leaders prior to the event?

1  No

2  Yes

88  Unknown

18. Did the individual previously engage in fundraising or financial/donations to a legal network?

1  No

2  Yes

88  Unknown

19. Did the individual previously engage in fundraising or financial/donations to an illegal network?

1  No

2  Yes

88  Unknown

20. Was there a proximate upcoming life change? (e.g., deployment to Iraq)

1  No

2  Yes:

88  Unknown

21. Did the individual alter his/her physical appearance prior to the event?

1  No

2  Yes

88  Unknown

22. Is there evidence of the individual denouncing others who share the same ideology?

1  No

2  Yes

88  Unknown

23. Did the individual live alone at the time of the event?

1  No

2  Yes

88  Unknown

24. Was the individual living away from home at the time of the 'radicalization'/adoption of the new ideology?

1  No

2  Yes

88 [ ] Unknown

25. Did the individual receive hands on training for the event?

1 [ ] No

- 2 [ ] Yes
- 88 [ ] Unknown

34. Did the individual become recently exposed to new media?

- 1 [ ] No
- 2 [ ] Yes
- 88 [ ] Unknown

35. Was there a reported change in the individuals' work performance in the six months before the event?

- 1 [ ] Significantly worsened
- 2 [ ] Significantly improved
- 3 [ ] Remained stable (no change in work performance)
- 88 [ ] Unknown
- 99 [ ] Does Not Apply (offender not employed during this timeframe)

- 1 [ ] Less than 6 months
- 2 [ ] Less than 1 year
- 3 [ ] Less than 2 years
- 4 [ ] Less than 3 years
- 5 [ ] Less than 4 years
- 6 [ ] Less than 5 years

36. Was there a reported significant work-related loss or stressor before the event? (e.g. demotion, disciplined, conflict)

- 1 [ ] No
- 2 [ ] Yes
- 88 [ ] Unknown
- 99 [ ] Not Applicable (e.g., Individual was not employed)

- 1 [ ] Less than 6 months
- 2 [ ] Less than 1 year
- 3 [ ] Less than 2 years
- 4 [ ] Less than 3 years
- 5 [ ] Less than 4 years
- 6 [ ] Less than 5 years

37. Was there a reported change in the individuals' academic performance before the event?

- 1 [ ] Significantly worsened
- 2 [ ] Significantly improved
- 3 [ ] Remained stable (no change in work performance)

- 88 [ ] Unknown
- 99 [ ] Does Not Apply (offender not employed during this timeframe)

- 1 [ ] Less than 6 months
- 2 [ ] Less than 1 year
- 3 [ ] Less than 2 years
- 4 [ ] Less than 3 years
- 5 [ ] Less than 4 years
- 6 [ ] Less than 5 years

38. Did there appear to be a ‘tipping point’ in the progression of the grievance that precipitated the offender’s movement on a pathway to engage in terrorist activities?

- 1 [ ] No
- 2 [ ] Yes
- 88 [ ] Unknown

39. Did the individual increase levels of physical activity or outside excursions in the prior to the event (e.g., gym work, paintballing)?

- 1 [ ] No
- 2 [ ] Yes
- 88 [ ] Unknown

- 1 [ ] Less than 6 months
- 2 [ ] Less than 1 year
- 3 [ ] Less than 2 years
- 4 [ ] Less than 3 years
- 5 [ ] Less than 4 years
- 6 [ ] Less than 5 years

**ANTECEDENT EVENT SPRING VARIABLES**

1. In the build up to the event, was the individual interrupted in working on a proximate goal?

- 1 [ ] No
- 2 [ ] Yes
- 88 [ ] Unknown

- 1 [ ] Less than 6 months
- 2 [ ] Less than 1 year
- 3 [ ] Less than 2 years

- 4 [ ] Less than 3 years
- 5 [ ] Less than 4 years
- 6 [ ] Less than 5 years

2. In the build up to the event, did the individual experience being degraded?

- 1 [ ] No
- 2 [ ] Yes
- 88 [ ] Unknown

- 1 [ ] Less than 6 months
- 2 [ ] Less than 1 year
- 3 [ ] Less than 2 years
- 4 [ ] Less than 3 years
- 5 [ ] Less than 4 years
- 6 [ ] Less than 5 years

3. In the build up to the event, did the individual experience being the target of an act of prejudice or unfairness?

- 1 [ ] No
- 2 [ ] Yes
- 88 [ ] Unknown

- 1 [ ] Less than 6 months
- 2 [ ] Less than 1 year
- 3 [ ] Less than 2 years
- 4 [ ] Less than 3 years

- 1 [ ] No
- 2 [ ] Yes
- 88 [ ] Unknown

- 1 [ ] Less than 6 months
- 2 [ ] Less than 1 year
- 3 [ ] Less than 2 years
- 4 [ ] Less than 3 years
- 5 [ ] Less than 4 years
- 6 [ ] Less than 5 years

6. In the build up to the event, did the individual experience being ignored or treated poorly by someone important to them?

- 1 [ ] No
- 2 [ ] Yes
- 88 [ ] Unknown

- 1 [ ] Less than 6 months
- 2 [ ] Less than 1 year
- 3 [ ] Less than 2 years
- 4 [ ] Less than 3 years
- 5 [ ] Less than 4 years
- 6 [ ] Less than 5 years

7. In the build up to the event, did the individual experience being harmed due to negligence of another?

- 1 [ ] No
- 2 [ ] Yes
- 88 [ ] Unknown

- 1 [ ] Less than 6 months
- 2 [ ] Less than 1 year
- 3 [ ] Less than 2 years
- 4 [ ] Less than 3 years
- 5 [ ] Less than 4 years
- 6 [ ] Less than 5 years

8. In the build up to the event, did the individual experience someone important demonstrating they do not care about the individual?

- 1 [ ] No
- 2 [ ] Yes
- 88 [ ] Unknown



- 1 [ ] Less than 6 months
- 2 [ ] Less than 1 year
- 3 [ ] Less than 2 years
- 4 [ ] Less than 3 years
- 5 [ ] Less than 4 years
- 6 [ ] Less than 5 years

9. In the build up to the event, did the individual experience being the victim of verbal or physical assault?

- 1 [ ] No
- 2 [ ] Yes
- 88 [ ] Unknown

- 1 [ ] Less than 6 months
- 2 [ ] Less than 1 year
- 3 [ ] Less than 2 years
- 4 [ ] Less than 3 years
- 5 [ ] Less than 4 years
- 6 [ ] Less than 5 years

10. In the build up to the event, did the individual experience being a helpless victim?

- 1 [ ] No
- 2 [ ] Yes
- 88 [ ] Unknown

- 1 [ ] Less than 6 months
- 2 [ ] Less than 1 year
- 3 [ ] Less than 2 years
- 4 [ ] Less than 3 years
- 5 [ ] Less than 4 years
- 6 [ ] Less than 5 years

11. In the build up to the event, did the individual experience problems with personal relationships?

- 1 [ ] No
- 2 [ ] Yes
- 88 [ ] Unknown

- 1 [ ] Less than 6 months
- 2 [ ] Less than 1 year
- 3 [ ] Less than 2 years

- 4 [ ] Less than 3 years
- 5 [ ] Less than 4 years
- 6 [ ] Less than 5 years

12. In the build up to the event, did the individual experience financial problems?

- 1 [ ] No
- 2 [ ] Yes
- 88 [ ] Unknown

- 1 [ ] Less than 6 months
- 2 [ ] Less than 1 year
- 3 [ ] Less than 2 years
- 4 [ ] Less than 3 years
- 5 [ ] Less than 4 years
- 6 [ ] Less than 5 years

13. Was the individual angry leading up to the event?

- 1 [ ] No
- 2 [ ] Yes
- 88 [ ] Unknown

- 1 [ ] Less than 6 months
- 2 [ ] Less than 1 year
- 3 [ ] Less than 2 years
- 4 [ ] Less than 3 years
- 5 [ ] Less than 4 years
- 6 [ ] Less than 5 years

14. Is there evidence this anger was escalating?

- 1 [ ] No
- 2 [ ] Yes
- 88 [ ] Unknown

15.

- 1 [ ] Less than 6 months
- 2 [ ] Less than 1 year
- 3 [ ] Less than 2 years
- 4 [ ] Less than 3 years
- 5 [ ] Less than 4 years
- 6 [ ] Less than 5 years

17. Did the individual recently experience:

- 1 [ ] Changes in their Financial Situation

- 4 [ ] Less than 3 years
- 5 [ ] Less than 4 years
- 6 [ ] Less than 5 years

24. Did the individual use drugs or alcohol just before the act?

- 1 [ ] No
- 2 [ ] Yes
- 88 [ ] Unknown

25. Did the individual engage in any form of violent behavior previous to this terrorist event?

- 1 [ ] No
- 2 [ ] Yes
- 88 [ ] Unknown

26. Did the individual target

- 1 [ ] People
- 2 [ ] Property
- 3 [ ] Both
- 88 [ ] Unknown

27. What was the nature of the attack location?

- 1 [ ] Government
- 2 [ ] Business
- 3 [ ] Private Citizens
- 4 [ ] Religious
- 5 [ ] Military
- 6 [ ] Other
- 88 [ ] Unknown

28. Was the location of the attack:

- 1 [ ] Public
- 2 [ ] Private
- 88 [ ] Unknown

29. Did the individual own a vehicle?

- 1 [ ] No
- 2 [ ] Yes
- 88 [ ] Unknown

30. How did the individual get to the scene of the attack?

- 1 [ ] Personal vehicle
- 2 [ ] Public transportation
- 3 [ ] Foot
- 4 [ ] Other
- 88 [ ] Unknown



39. If the individual was arrested post event, what was the time length between the event and the arrest of the individual?

40. Did the individual express remorse/regret following the event?

- 1 [ ] No
- 2 [ ] Yes
- 88 [ ] Unknown
- 99 [ ] Not Applicable

41. Did the individual change his/her /beliefs following the event?

- 1 [ ] No
- 2 [ ] Yes
- 88 [ ] Unknown
- 99 [ ] Not Applicable

42. Was insanity suggested or pursued during the course of the individual's trial?

- 1 [ ] No
- 2 [ ] Yes
- 88 [ ] Unknown
- 99 [ ] NA

**EVENT VARIABLES**

1. Was a violent attack carried out?

- 1 [ ] No
- 2 [ ] Yes
- 88 [ ] Unknown

2. Was the capability of a violent attack apparent?

- 1 [ ] No
- 2 [ ] Yes
- 88 [ ] Unknown

3. What type of attack was it? (e.g., bomb, shooting, etc)

4. Were there multiple attack methods used?

- 1 [ ] No
- 2 [ ] Yes
- 88 [ ] Unknown

- 1 [ ] Armed Assault
  - 2 [ ] Assassination
  - 3 [ ] Bombing/Explosion
  - 4 [ ] Facility/Infrastructure Attack
  - 5 [ ] Hijacking
  - 6 [ ] Hostage Taking (Barricade Incident)
  - 7 [ ] Hostage Taking (Kidnapping)
  - 8 [ ] Unarmed Assault
  - 9 [ ] Other:
5. In the case of IED events, was there multiple IEDs or IED components used across these attacks?
6. What was the target of the event?
7. What group does the target belong to?
- 1 [ ] Government
  - 2 [ ] Business
  - 3 [ ] Private citizen
  - 88 [ ] Unknown
  - 99 [ ] Other
8. Was the target discriminate or non-discriminate?
- 1 [ ] Non-Discriminate
  - 2 [ ] Discriminate
  - 88 [ ] Unknown
9. Did the Individual Produce Letters/Public Statements Post Event?
- 1 [ ] No
  - 2 [ ] Yes
  - 88 [ ] Unknown
10. What was the time difference between the initial planning stages and the execution of the event?
11. What was the distance between the individual's homeplace and the location of the event?
- 
12. In the case of a getaway, did it appear planned or opportunistic?
- 1 [ ] Planned
  - 2 [ ] Opportunistic
  - 88 [ ] Unknown
  - 99 [ ] Not Applicable (no getaway)
13. Were there multiple events?

- 1 [ ] No
- 2 [ ] Yes
- 88 [ ] Unknown

**If NO or UNKNOWN, please Skip to Question 16**

14. In the case of multiple events, did the targets change?

- 1 [ ] No
- 2 [ ] Yes
- 88 [ ] Unknown

15. In the case of multiple events, what was the time span between the first and last event?

16. In the case of multiple events, what was the average time span between each event?

17. Did the individual change appearance specifically for the event?

- 1 [ ] No
- 2 [ ] Yes
- 88 [ ] Unknown

18. Total Numbers Killed:

19. Total Numbers Injured:



88 [ ] Unknown

5. Were there other individuals involved in procuring the weaponry/technology used in the event (but who did not take part in the event themselves)?

1 [ ] No

2 [ ] Yes

88 [ ] Unknown

6. In the case of an IED event, were there other individuals involved in assembling the device?

1 [ ] No

2 [ ] Yes

88 [ ] Unknown

7. Did at least one other person know about the individual's research, planning and/or preparation prior to the event?

1 [ ] No

2 [ ] Yes

88 [ ] Unknown

8. Is there evidence that there may have been command and control links with others in this event?

1 [ ] No

2 [ ] Yes

88 [ ] Unknown

9. If the individual was previously a member of a wider network, how much time had elapsed between disengagement and the event?

10. Did the individual try to recruit others or form a group prior to the event?

1 [ ] No

2 [ ] Yes

88 [ ] Unknown

1 [ ] Less than 6 months

2 [ ] Less than 1 year

3 [ ] Less than 2 years

4 [ ] Less than 3 years

5 [ ] Less than 4 years

6 [ ] Less than 5 years

11. Did the individual claim to be part of a wider group/movement or characterize the actions as a group/social movement?

1 [ ] No

2 [ ] Yes

88 [ ] Unknown

12. Was there evidence to suggest that the individual read or consumed literature/propaganda from a wider movement?

1 [ ] No

2 [ ] Yes

88 [ ] Unknown

13. Was there evidence to suggest that the individual read literature or materials about other lone actor terrorists?

1 [ ] No

2 [ ] Yes

88 [ ] Unknown

14. Was there evidence to suggest that the individual read the propaganda of other lone actor terrorists?

1 [ ] No

2 [ ] Yes

88 [ ] Unknown

15. Did the individual join a group or wider movement post-event?

1 [ ] No

2 [ ] Yes

88 [ ] Unknown

16. Did the individual produce his/her own propaganda?

1 [ ] No

2 [ ] Yes

88 [ ] Unknown

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**POST-EVENT VARIABLES**

1. J "3%0\$25; 2K2; 7"8%-288\$; %25%0\$%K\$54L%

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&%-%-%M' %

)%-%-%N\$3%

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3. T2; %0\$25; 2K2; %-%%600%

EE% % % 5>5' A5%

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4. J "3%#O\$1\$%\$K2; \$5D\$%#O"4%#O\$%25; 2K2; 7"8%O' 33\$33\$; %9"4\$12"83%A1244\$5%JR% 40\$13%#O"4%

07U82D2V\$; %O23WO\$1%"D42' 53L%P\$0#0%5\$A30"O\$1%84' 12\$3S%

&% % % %M' %

)% % % %N\$3%

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## Appendix B – Medium-N Timeline Instrument (Radicalisation)

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## Timeline

Attack/Attempt/Plot (type),  
Islamist/rightwing/other, Country, Date



## Family Relations / Friendships

Family situation: Relation to parents/siblings, death of parent/sibling, divorce of parents, changes in relations (estrangement, deterioration/improvement).



Personality traits: weak minded, withdrawn, dreamer, angry, aggressive, low tolerance, strong minded, narcissistic, loner, weak/strong social skills, antisocial behavior, intolerance of plurality, lack of empathy (cognitive/mental risk factors)  
Psych./mental health issues: Depression, diagnosed disorders  
Experiences of marginalization, discrimination, victimization: Mobbing, social marginalization, assault, verbal abuse, physical abuse, sexual abuse, betrayal by reference persons  
Behavior: aggressive, violent, provoking/disrespect towards authorities  
Criminal behavior: Criminal offenses, sentences, imprisonment  
Substance abuse

**Relationships with religious, political, and/or militant activists or groups**  
Contacts or encounters with political/religious/militant activists: Meeting or establishing contact. Previous social ties through friendship or family relations (spouse/family member active in movement). Proactive efforts to establish contact? Or chance-encounter? Place and setting of encounter.  
Personal relationships with political/religious/militant activists: Friendships, mentor-mentoree, leader-follower relation. Changes in relationships (growing close, estrangement). Later: mentor-role towards others? Place and setting of interactions.  
Joining/Participating in relig/polit/radical milieu or movement: frequenting mosques or meeting places, participating in demonstrations or gatherings. Attempts to recruit others to participate. Place and setting of milieu/meetings. Specify: Claimed link/relation to movement.

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Membership in a religious/political/militant group or organization: becoming involved with or becoming a member of a group or organization. Specific function or status within the organization or group (changes). Participating in meetings and group-activities. Attempts to recruit others to join group. Place and setting of group meetings and activities. Specify: Claimed link to group Link/relation to foreign or domestic terrorist organization: Support in procuring weapons/explosives/funding. Training. Command and control relation. Place and setting of interaction. Specify: Claimed link.

**Online and media-related activities and relations**

Exposure to and Consumption of religious/political/radical contents, teachings, media on the internet or via other sources. Active research for and consumption of teachings, media, radical "propaganda". Obsessive searching and consumption (time) Place and setting of exposure/seeking; alone or in company? Virtual interaction with wider movement or network (virtual community): Joining forums/platforms, posting online-content to an abstract audience/wider group. Obsessive? Place and setting. Personal virtual relations with online-friends: Contact with online activists and friends, sharing content, communicating/interacting via e-mails or chat-forums. Specify place and setting. Procure or exchange of directly violence-related contents (preparation): Bomb manuals, training manuals, target selection

**Political/religious/radical Attitudes**


<p>Indications of religious/political orientation: General orientation, changes (intensifying/radicalizing/de-radicalizing) in attitudes. Reports on verbal statements, discussions, reactions to certain situations. Changes in daily behavior that indicates orientation (rejecting certain forms of food, interaction with opposite sex, etc). Changes in appearance/attire indicating a change in orientation (clothing, beard/haircuts associated with a certain orientation). Political or religious identities.</p> <p>Indications of radical/violence-related attitudes: Statements indicating enmity towards specific groups. Devaluation and de-humanization of groups. Justification of violence. Approval of violent acts or organizations. Radical identities.</p> <p>Writings/pamphlets: Produce own propaganda, political/religious texts/pamphlets.</p>							
<p><b>Political/religious/radical Actions</b></p> <p>Participation in political/religious activities: religious services, study groups, discussion-groups, meetings, demonstrations, proselytism. Donating or collecting money for political/religious cause. Specify place and setting.</p> <p>Participation in radical/militant and violent actions: Participation in militant demonstrations/street battles, confrontations with the police or political opponents, participation in acts of symbolic violence/sabotage/vandalism. Participation in assaults against groups/targets seen as "enemies". Specify place and setting.</p> <p>Military training: Participating in domestic training activities. Receiving military training abroad. Specify place and setting.</p> <p>Procure weapons or explosives</p> <p>Attack Preparations (Logistics)</p> <p>Participation in terrorist attacks/irregular warfare. Abroad or domestic. Specify place</p> <p>Experiences of persecution/arrest/imprisonment/extradition/exile as a result of political/militant activism</p>							
<p><b>Other</b></p>							





## Timeline



Attack

Event Summary

### Personal Experience / Background

Criminal behavior: was the individual involved in petty crime / felonies / violent crimes?

Behavior: did the individual have a history of violent behavior?

Previous involvement radical/extremist groups: had the individual *in the past* associated with either domestic or foreign radical or extremist groups?

Previous paramilitary involvement: did the individual participate in a combat role in armed conflict with a violent non-state actor?

### Social Context

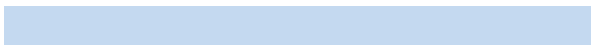
Radical / extremist contacts: did the individual have contacts with radical, extremist or terrorist leaders / authority figures at any point during the planning and preparatory stages?

Radical / extremist affiliation:





Hiding the evidence: where weapons, explosives and other incriminating evidence stored at a separate (secret) location?



## **Appendix D – Medium-N Timeline Instrument (Attack)**

	date of birth, age at time of attack, place of birth and upbringing, occupation, family background								
	: Family members complicit in attack, awareness of intention.								
	: Friends complicit in attack, or aware of intention.								
	Travelling to attack site, place of safety following attack.								
	Workplace location part of attack/planning?								
	Did individual drain finances planning attack? Access to finances in attack.								


e.g. barriers,  
security, access restrictions.  
Prior reconnaissance .

e.g.  
movement of device by  
others, unexpected changes  
since reconnaissance,  
interference of bystanders  
etc.









: Meeting or establishing contact to finalise attack planning, housing individual from authorities, relaying instructions.

: Friendships, mentor-mentoree, leader-follower relation. Interactions leading up to and post attack.

: frequenting mosques or meeting places, participating in demonstrations or gatherings. Attempts to

<p>becoming involved with or becoming a member of a group or organization. Following group instruction, group removal and condemnation due to attack.</p>									
<p>Support in procuring weapons/explosives/funding . Training. Command and control relation. Place and setting of interaction. Specify: Claimed link.</p>									
<p>Unwilling/unaware bystanders or individuals.</p>									
<p>(virtual community): Finalising planning, group posting 'will' or manifesto, interaction during attack. Specify timing.</p>									
<p>s (attack): Attack related media.</p>									



