



**Australian Government**

**Department of Defence**

Defence Science and Technology Group

# A Simple Influence Model

Connections UK 2021

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Land Capability Analysis, DST



- DAWN Rising 3: 15<sup>th</sup>-18<sup>th</sup> June, 2021
  
- An Information Warfare wargame incorporating:
  - Cyber
  - EW
  - Influence
  - Non-combat military

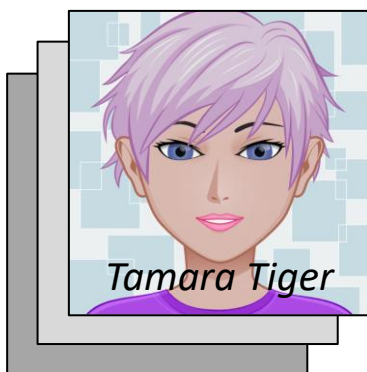
**i-Warrior**

## ➤ Problem

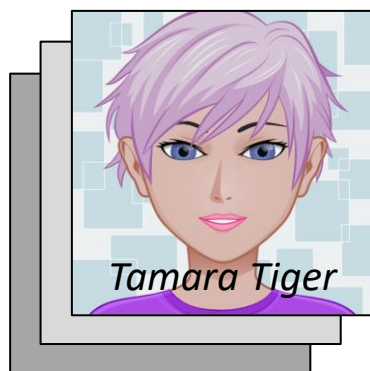
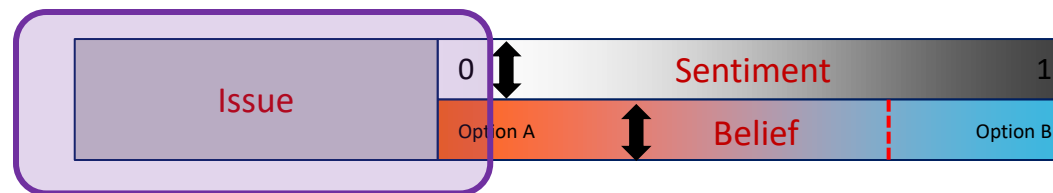
- Large number of 'soft' entities making decisions continually
- Also wanted to give players access to (partial) information on demand
- Not viable to SME or matrix



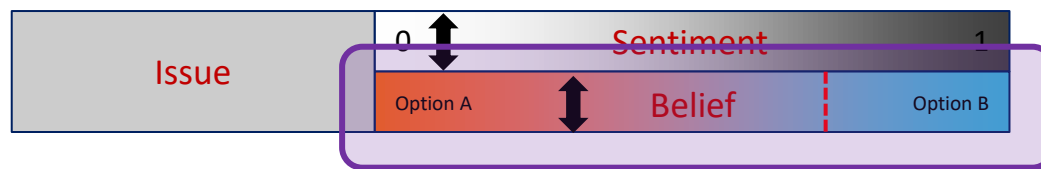
Population centres: cities, territories, provinces



Key Individuals: Government, Industry, Communities



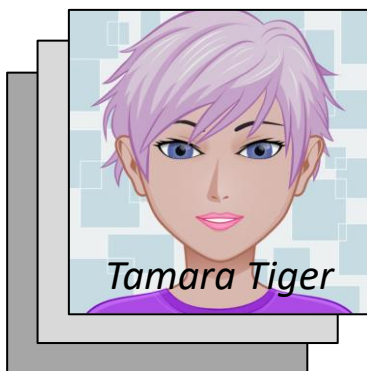
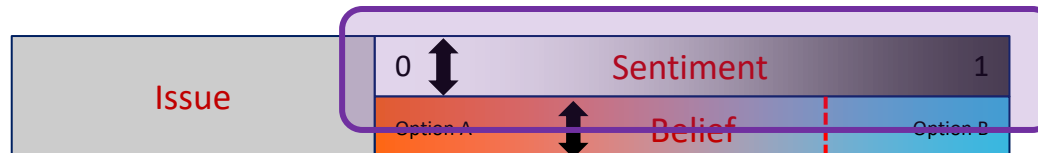
- Political Preference
- Attitude towards SIDE 1
- Attitude towards SIDE 2



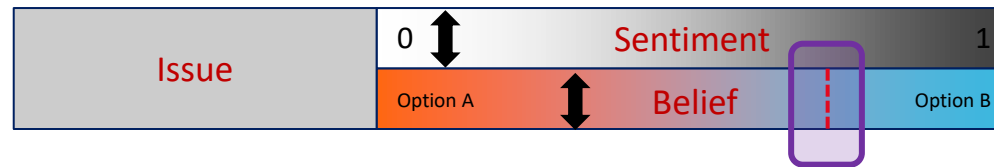
Which side of the Issue you support

0 = For A

1 = For B

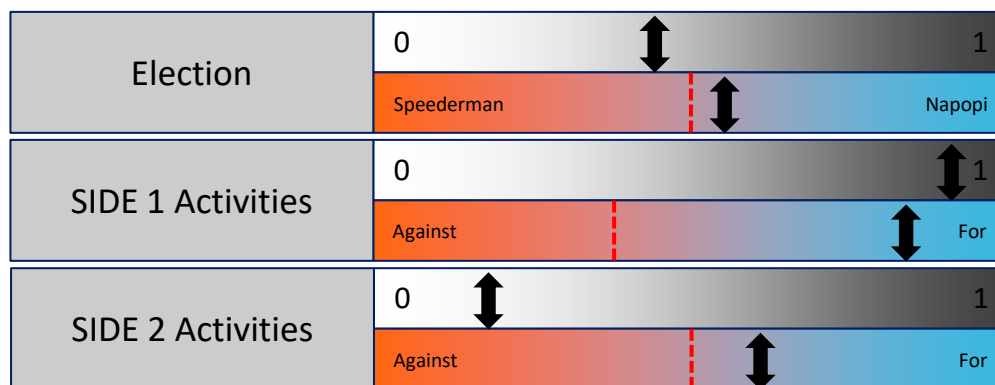
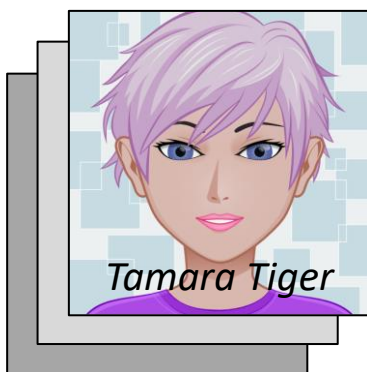
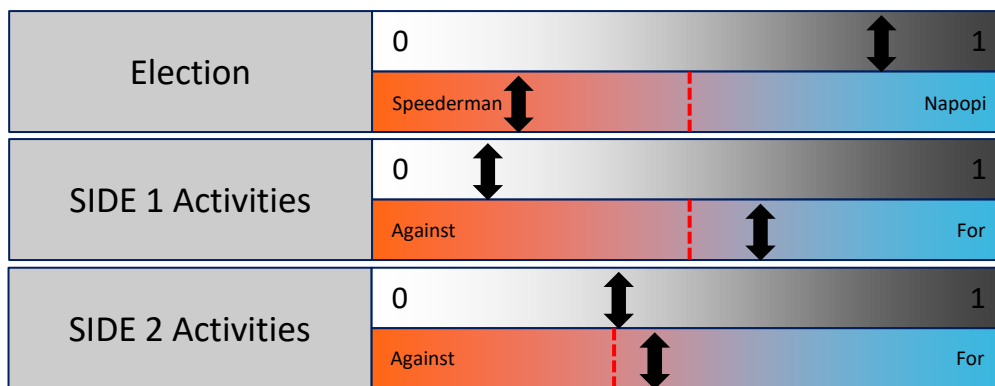
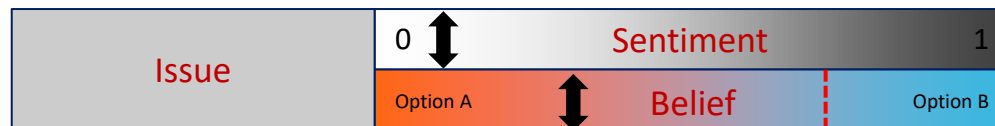


How strongly you care about the Issue  
0 = Completely apathetic  
1 = Extremely passionate



Thresholds were included  
(but ultimately not used) to  
determine the outcome of  
discrete decision points







Understand  
Sentiments & Beliefs

HUMINT or OSINT\*

Gives bonus to  
subsequent Shaping Ops

\* Two traditional media and  
three social media channels



Adjust Sentiments

KLE or Cyber/Phishing

Gives bonus to  
subsequent Influence

The Sentiment score acts like a  
power modifier for Influence  
Actions



Adjust Beliefs

Persuasion  
Manipulation  
Coercion





## ➤ Problem

- Large number of 'soft' entities making decisions continually
- Also wanted to give players access to (partial) information on demand

## ➤ Solution / Mitigation

- Very simple automated system
- Allowed for non-linear manipulation of Influence targets
- Integrated with game rules
- Transparent but also confounding at the same time



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**FIN**

