



Connections UK

Effects and Influence

DISCLAIMER

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What are "Effects" and "Influence"?

- Sometimes called "Hybrid Warfare" and "Influence Operations".
- The planning and conduct of operations combining *military* and *non-military* methods to achieve a particular outcome (more or less).
- At a recent NATO event, attendees were told that “*there is no agreed definition of terms related to hybrid warfare.*”

Do they make a real difference?



RUSSIA MORE INFLUENTIAL THAN LEAVE CAMPAIGNS DURING BREXIT



[J.J. PATRICK.](#) UNITED KINGDOM / WORLDWIDE . 12 FEB. 2018

*Brexit is the equivalent of a major
defeat in war*



Leaving the EU might well be demanded by the victor as a way of ensuring that Britain was permanently weakened

Patrick Cockburn | @indyworld

Friday 23 November 2018 16:00 | 94 comments



Like

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The Independent Voices

Fact check US: What was the impact of Russian interference in the 2017 US presidential election?



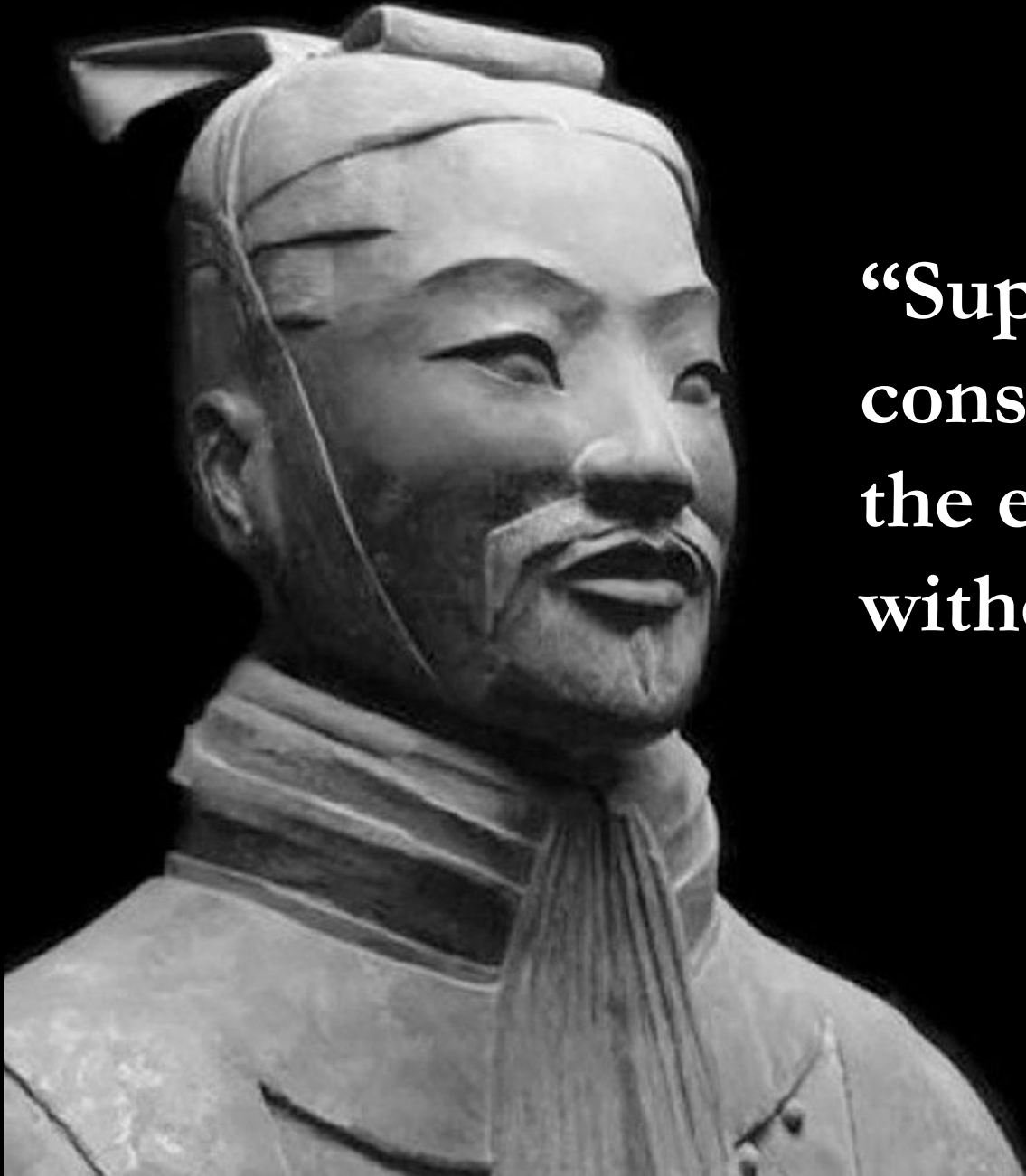
**Report by CIA, FBI and NSA:
50,000 Twitter Accounts linked to Russian "Internet Research Agency": 19% of all Tweets.
80,000 Facebook articles.**

<https://theconversation.com/fact-check-us-what-is-the-impact-of-russian-interference-in-the-us-presidential-election-146711>



5 Sep 2024

Right-wing influencers in US paid by Russia says Justice Department

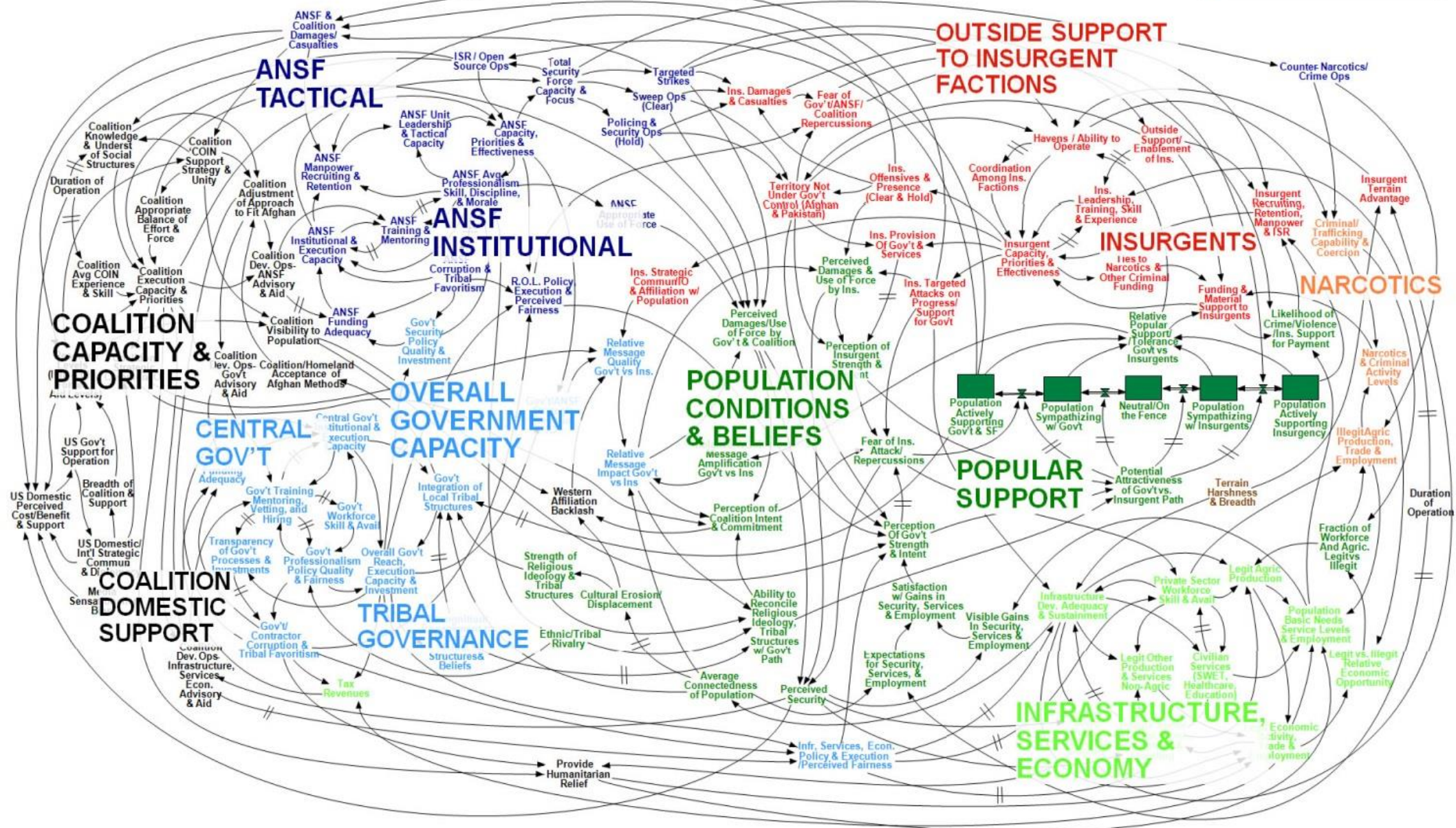


“Supreme excellence
consists in breaking
the enemy's resistance
without fighting.”

Sun Tzu, The Art of War.

How do we include this in wargames?

 = Significant Delay



How do we include this in wargames?



The problem - How do we adjudicate effects?

- Use the Analysis of Competing Hypotheses?
- The Delphi Method?

These are slow – really very slow – weeks and months slow...

- Ask an expert?
- Ask a group of experts?

Neither of these are satisfactory.

One Way - Matrix Games and Matrix Arguments

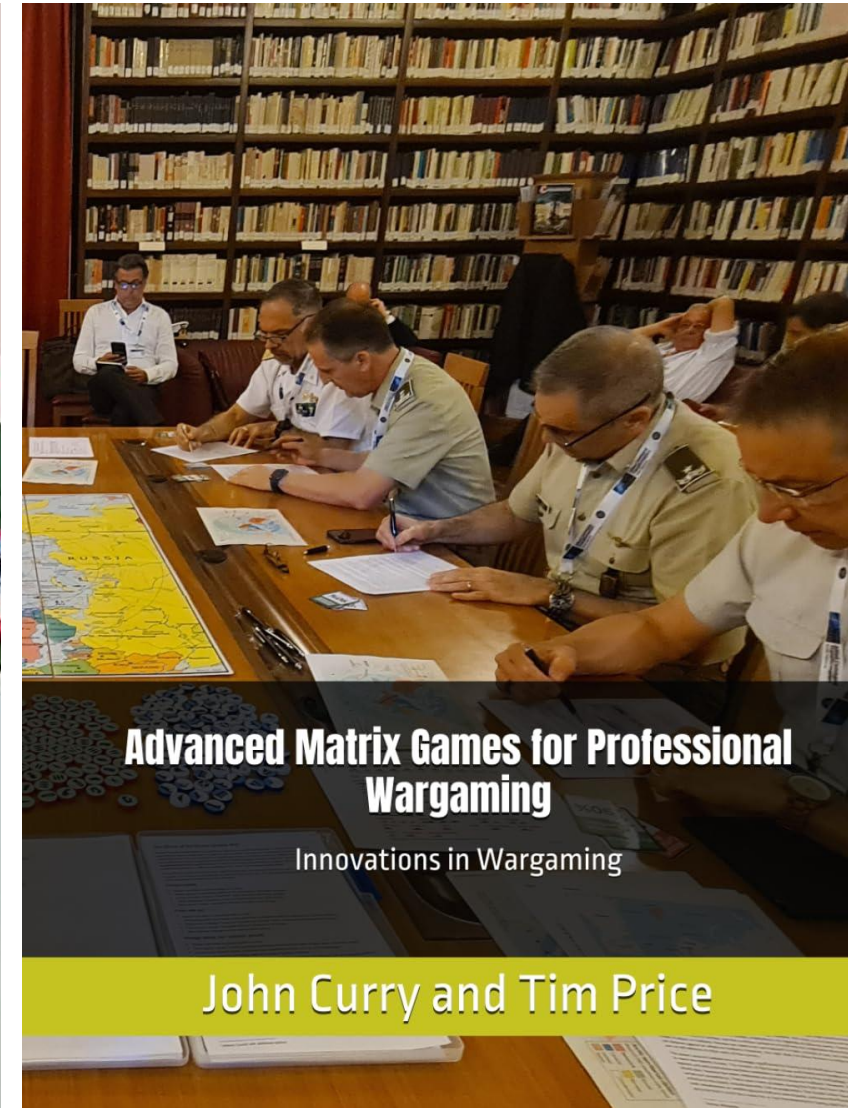
Modern Crises Scenarios for Matrix Wargames

John Curry and Tim Price MBE



The Matrix Games Handbook Professional Applications from Education to Analysis and Wargaming

Edited by John Curry, Chris Engle and Peter Perla



Advanced Matrix Games for Professional Wargaming

Innovations in Wargaming

John Curry and Tim Price

The Wisdom of Crowds

Groups can be better at estimation than individuals.

- **Diversity of opinion.**
 - **Decentralisation of expertise.**
 - **Independence of thought.**
 - **Aggregation of the result.**
-
- **Best predictions come from conflict or contest.**
 - **Too much communication can make the group less intelligent.**

Stupid Crowds

- Homogeneity of opinion.
- Centralisation of decisions and a formal hierarchy.
- Divisions and compartmentalisation.
- Imitation based on previous decisions.
- Emotionality and peer pressure.
- 'Group Think'



If everyone
is **thinking alike**,
someone
isn't thinking.

George S Patton



Matrix Games – How does do they work?

- **Players use verbal "arguments" to advance their position in the game.**
 - Action
 - Measurable effect
 - Reasons why or how they can achieve this (pros)
- **Other players add reasons why that wouldn't work (cons)**
- **Crowd source the probability of success.**
- **Roll dice.**
- **Generate an evolving narrative of the conflict for further discussion and analysis.**

The Conclusion

- Humans are better at modelling humans than computers (even across cultures).
- *A proper opposition* generates an action / reaction feedback loop that produces insights vastly more powerful (and accurate) than a single opinion, however well informed.



All Your Secrets Are Belong To Us

Commander: - Improve Security - Maintain Local National Primacy and avoid undermining the local forces - Avoid Casualties		Police Chief: - Insist that you are the Law not the ANA - Supplement your weapons weapons from an ungrateful Government - Do anything for a quiet life and avoid getting killed	
Taliban Commander: - Kill the Infidel - Discredit local Government - Ensure the Taliban are recognized as a force for alternative Government		Afghan National Army Commander: - Be seen as heroic defenders of peace and prosperity - Get as much as you can out of NATO (training, equipment, etc) - Improve security	
District Governor: - Maintain your position at all costs - Improve Prosperity - Improve Security		Tribal Elder: - Remove Western influence - Get progress (it is the only way to maintain income) - Discredit the Government	





COVID-19 - FLATTENING THE CURVE

UK GOVT

CNPOP

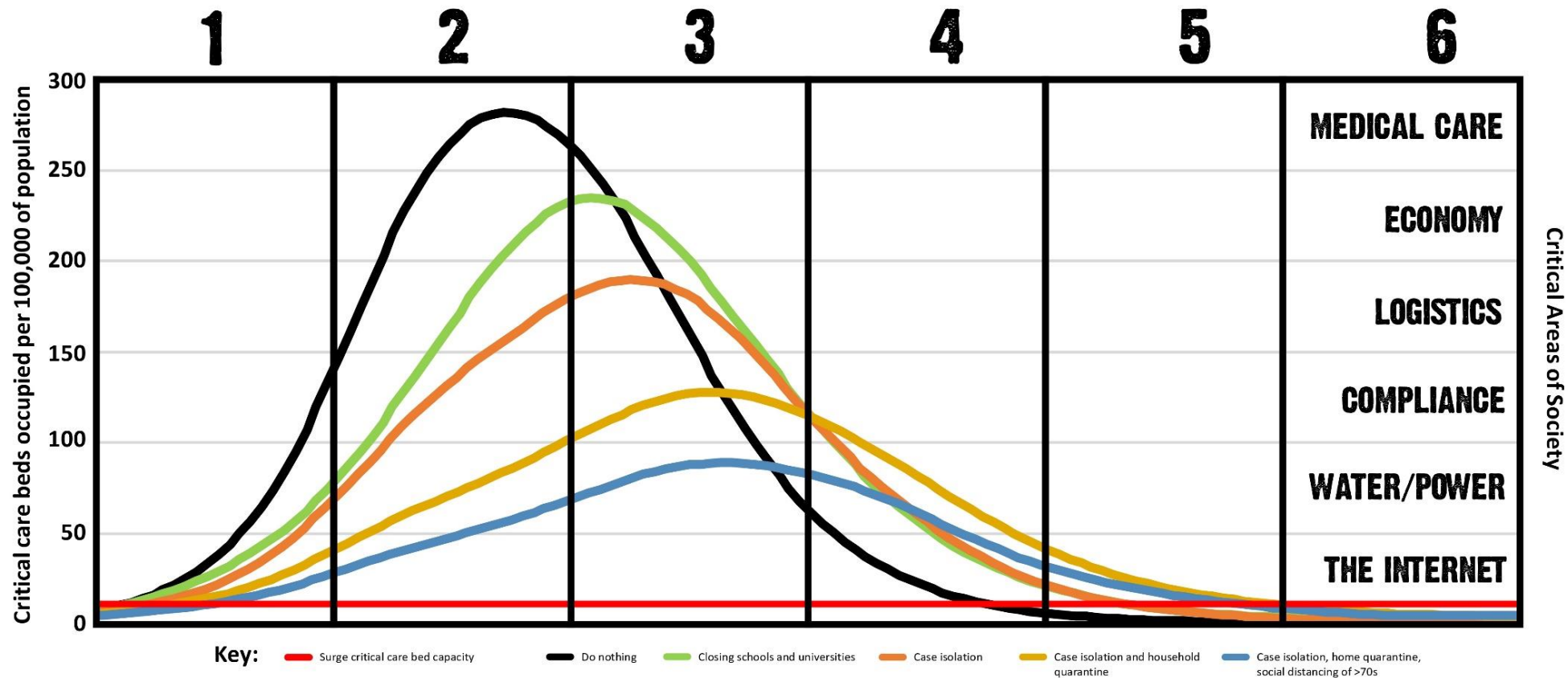
WHO

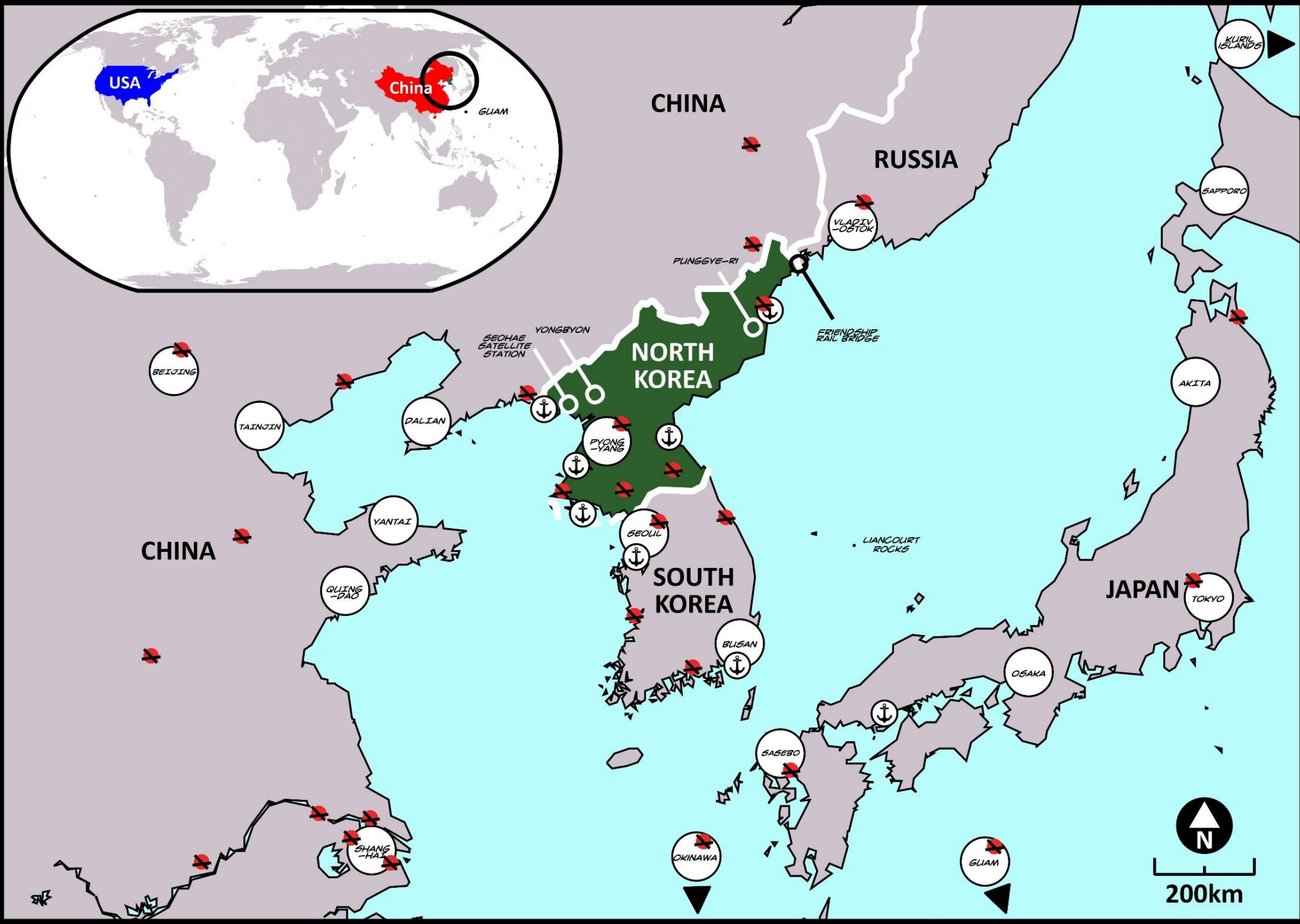
USA

MISHAPS

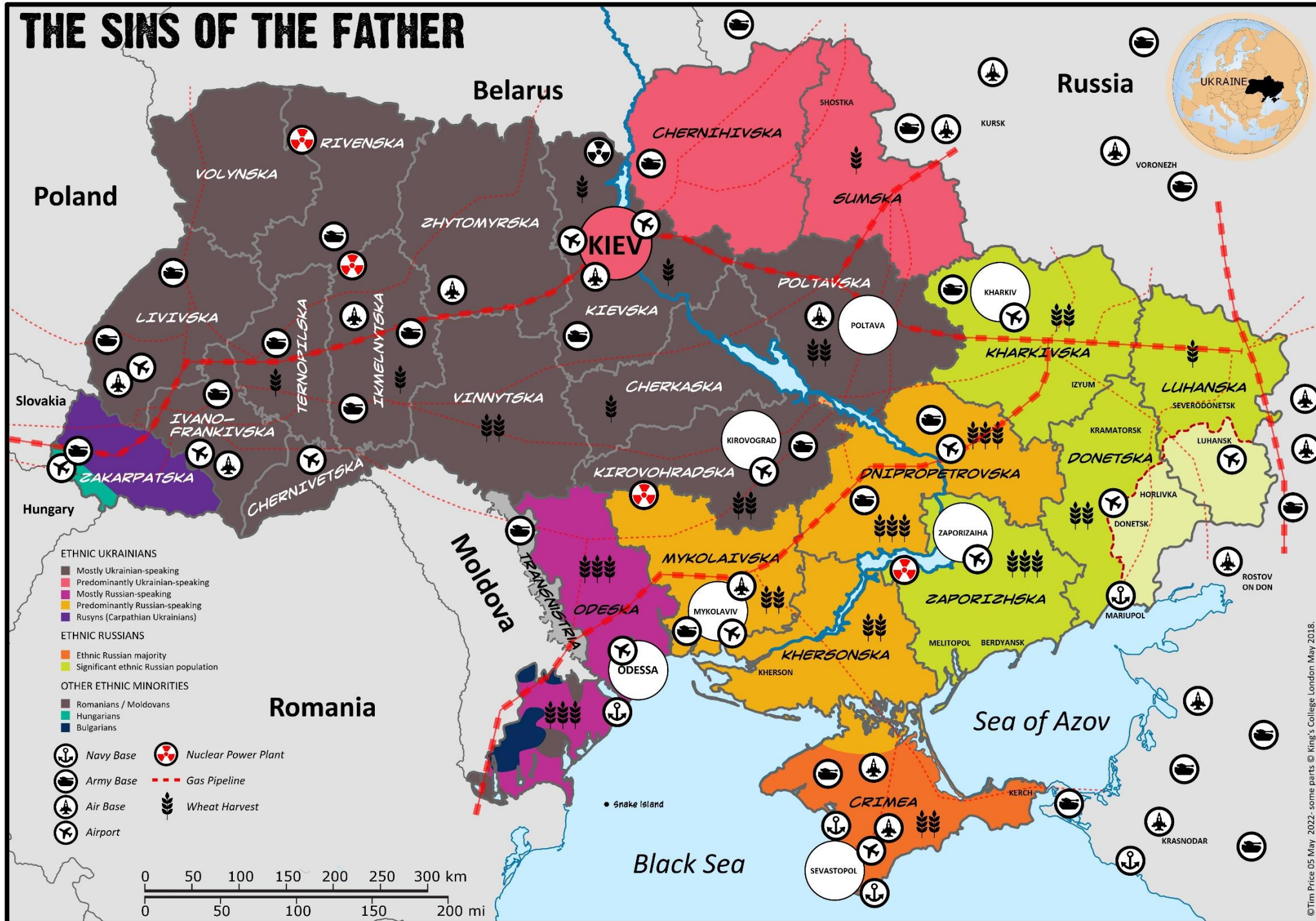
TIMELINE (MONTHS):

Total Deaths at a point are assumed to be : (Current plot height-10) x 664





THE SINS OF THE FATHER



This is a work of fiction. Names, characters, businesses, places, events and incidents are either the products of the author's imagination or used in a fictitious manner. Any resemblance to actual persons, living or dead, or actual events is purely coincidental.

+4

+3

+2

+1

0

-1

-2

-3

-4



Increasing support for Conservatives

0

-1

-2

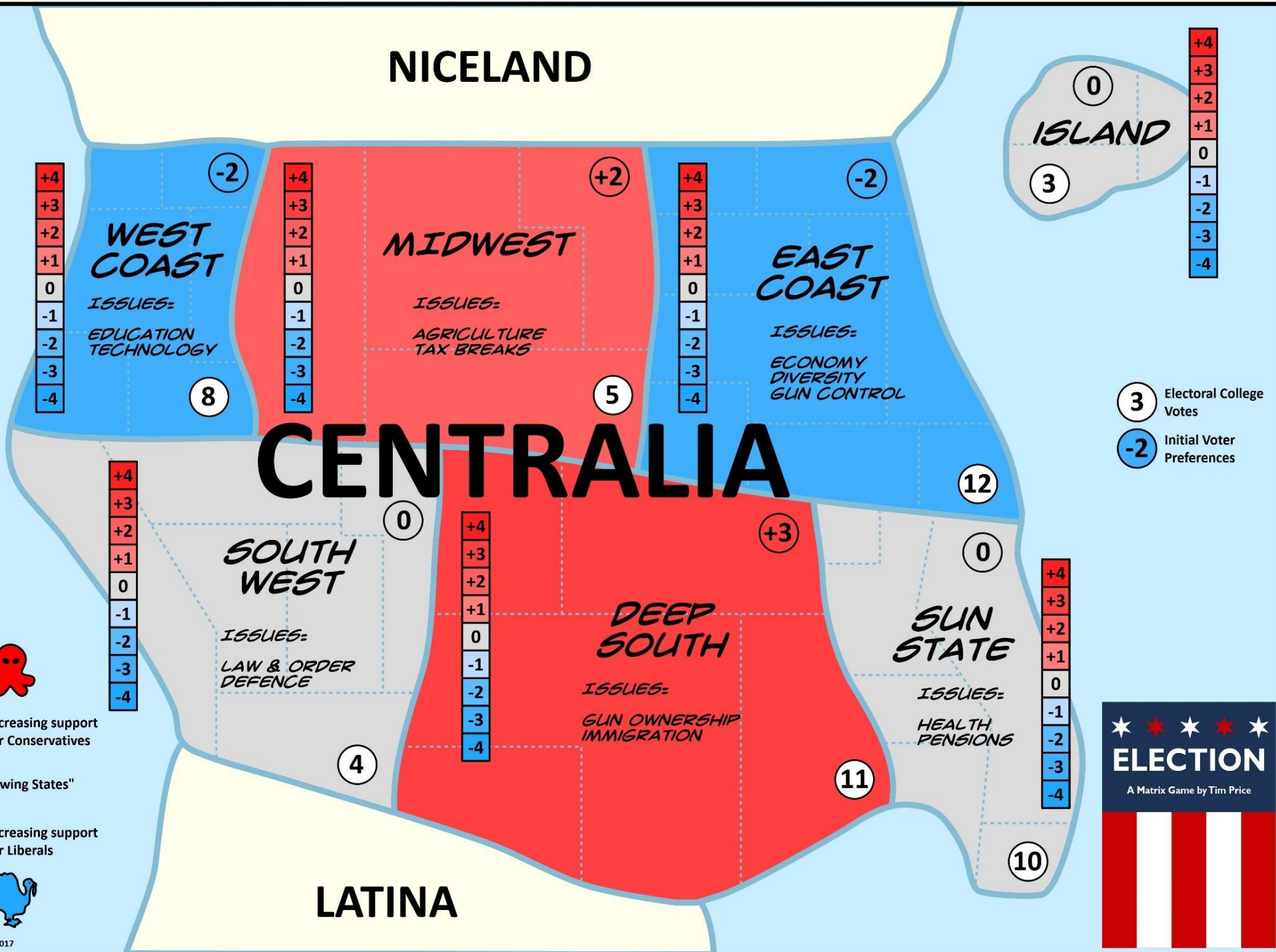
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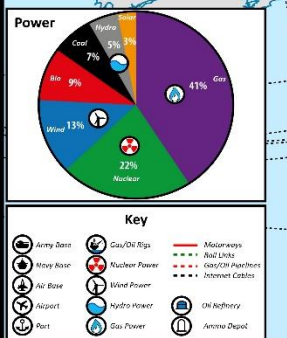
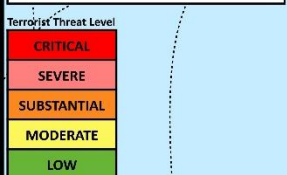
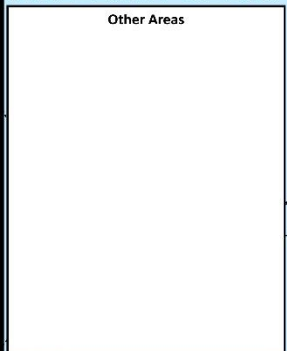
"Swing States"

Increasing support for Liberals





HOPE AND GLORY



ACTION ENGLAND

Your principals are:

1. The future lies in white national identity.
2. All dark-skinned foreigners and foreign religions serve only to oppress the people and take jobs from hard-working people.
3. There are only two sexes and "normal relationships".

Your aims are to bring about a working class "white jihad" to "cleanse England of parasites, queers, and alien religions".



Your principals are:

1. All life is born equal and should not be exploited or abused.
2. There is no right to poison, pollute or destroy.
3. As little as we need, not as much as we want.

Your aims are the overthrow of the Class system, the destruction of industries that pollute or build on green spaces, and the exposure and shaming of organisations and individuals that give in to greed and fail to pay their fair share to society.



Your principals are:

1. Individual liberty.
2. The organs of State oppress and exploit.
3. Contribution must be voluntary.

You reject philosophies, ideologies, institutions, and representatives of authority, in support of liberty. Cooperation is preferable to competition in promoting social harmony; cooperation is only authentic when it is voluntary; and government authority is evil and oppressive.



Your principals are:

1. Because Plan A isn't working.
2. The world is being destroyed by corporate greed and fossil fuels.
3. Alternative energy is being suppressed.
4. It may already be too late - act now!

Your aims are to bring about the destruction of the fossil fuel industry, through radical action, and force the world to invest in sustainable, safer alternatives for a cleaner future world
* (Not to be confused with the Charity)



ANONYMOUS

Your principals are:

1. Secrecy leads to exploitation.
2. Access to Technology brings freedom.
3. Collective action brings justice.
4. Conformity brings boredom

Where individuals are oppressed by faceless organisations, action is necessary. We are Anonymous. We are Legion. We do not forgive. We do not forget. Expect us.

Black Banner

Your principals are:

1. Destruction of Western secular capitalism.
2. Establishment of a Religious Caliphate.
3. Eradication of false beliefs.
4. Protection of Women from Western influence.

You are dedicated to the overthrow of the traditional Western governments in favour of a land with strict adherence to Religious Law, governed by worthy scholars, where women know their place and rejoice!

There are other ways to Wargame influence!

The Confrontation Analysis Handbook

How to Resolve Confrontations by Eliminating Dilemmas
Innovations in Wargaming Volume 3

John Curry and Mike Young

Threatened Future ↓			Bosnian Serbs' position ↓	United Nations' position ↓	Persuasion	Trust	Co-Operation	Threat
✓ ?	Bosnian Serbs	attack the enclaves	✓	✗				
✗ ?	Bosnian Serbs	withdraw heavy weapons from the enclaves	✗	✓				
✓	United Nations	use artillery against Bosnian Serbs	✗	-				
✓	United Nations	use air strikes against the Bosnian Serbs	✗	-				



Remember...

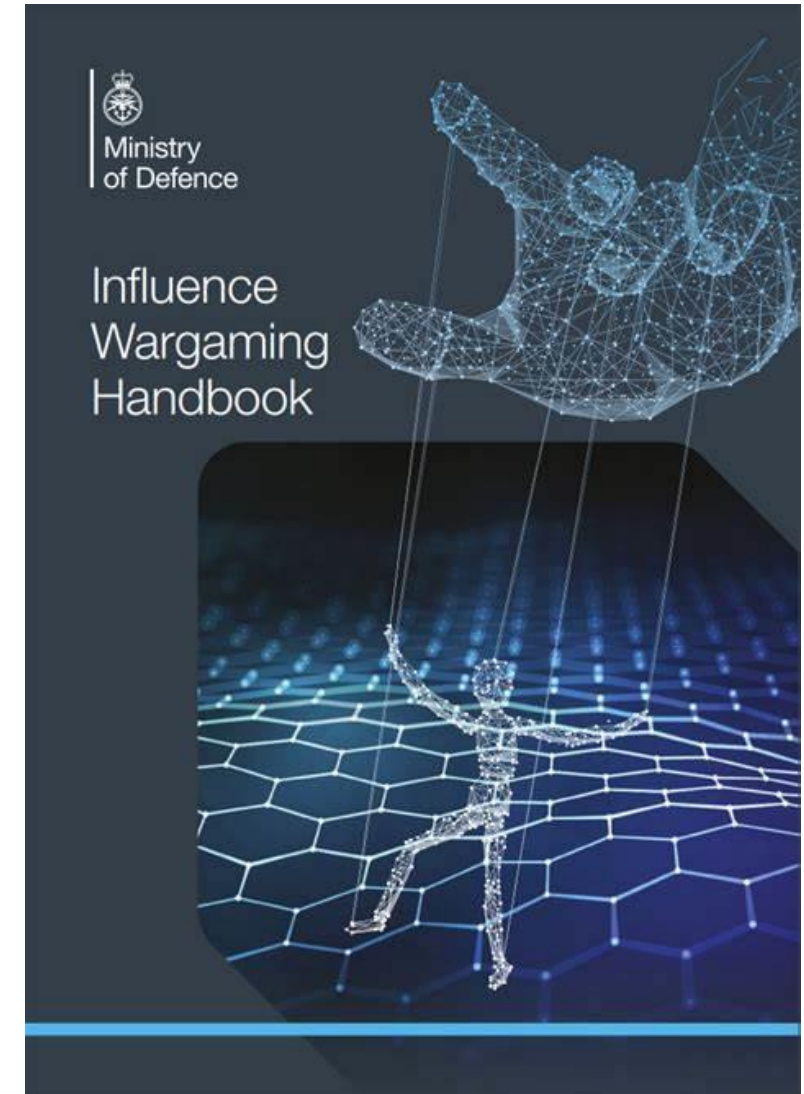
"Simple models that provide **useful insights** are to be preferred to models that get so close to the real world that the mysteries they intend to unravel are repeated in the model and remain mysteries."

F. W. Lanchester

The Lanchester Legacy - A Celebration of Genius, edited by J. Fletcher



The DSTL Wargaming Handbook



Any Questions?

