

# Using BetterBeliefs at REAIM 2023



The Hague / The Netherlands 2023

# REAIM

Responsible AI in the Military domain **Summit**

Co-hosted by the Republic of Korea





Register & Login to REAIM2023  
[betterbeliefs.com.au/register](https://betterbeliefs.com.au/register)



## BetterBeliefs support team



Kate



Alok



Saul



1. Getting started
2. Vote on hypothesis
3. Rate evidence
4. Add evidence
5. Add hypothesis



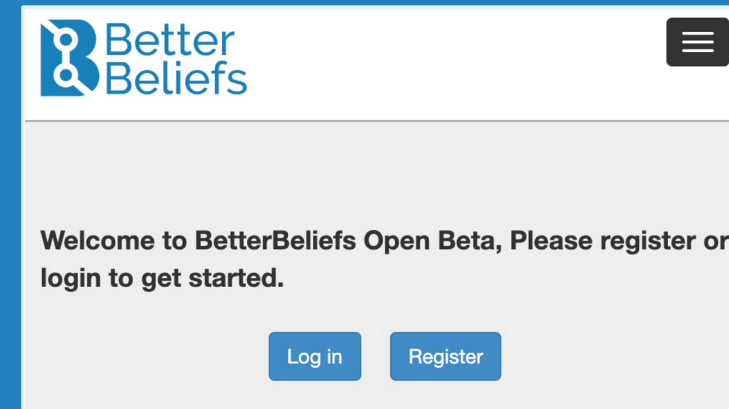


# 1. Getting started



Register & Login to REAIM2023  
[betterbeliefs.com.au/register](https://betterbeliefs.com.au/register)

Mobile, tablet, PC and Mac compatible



- Data collected is for research purposes and available to all participants
- GDPR Compliant
- You are welcome to delete your data or request that our team deletes your data

Read our privacy policy: [betterbeliefs.com.au/privacy](https://betterbeliefs.com.au/privacy)





SEARCH

Event Data

REAIM2023 Home

Skate

## REAIM2023

Add Hypothesis

Sort By: Date Newest to Oldest

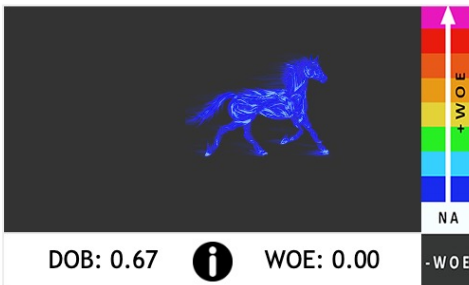
- Tag:
- ✓ All Tags
  - AI\_Governance\*
  - AI\_Mythbusing\*
  - Civilian\_Harm\*
  - Operationalising\_AI\*
  - REAIM2023-Default\***
  - Responsible\_Innovation\*
  - Weaponised\_drones\*

Select a tag



Saul Devitt

### Societal: The public will support the use of weaponised drones in a way that 'we' are winning



The publics opinion is greatly swayed by perceptions that drones are helping, or hurting their side.



+ Add Evidence





The screenshot shows the BetterBeliefs REAIM2023 interface. At the top left is the BetterBeliefs logo. To its right is a search bar with the text 'SEARCH' and a magnifying glass icon. Further right are links for 'Event Data' and 'REAIM2023 Home', and a user profile button for 'Jaime'. Below the navigation bar is the 'REAIM2023' header with a back arrow. Underneath is an 'Add Hypothesis' button. To the right of this are two dropdown menus: 'Sort By: Date Newest to Oldest' and 'Tag: All Tags'. The main content area features a hypothesis by 'Skate Devitt' added on 4/2/2023 09:27:44, with the tag 'Weaponised\_drones'. The hypothesis title is 'The public will support the use of weaponised drones in a just war'. Below the title is a video player showing a blue wireframe horse. To the right of the video is a vertical color scale legend with 'WOE' at the top, 'NA' in the middle, and '-WOE' at the bottom. Below the video, the text reads: 'The public and international community will support use of weaponised drones if both *Jus ad bellum*, justice in going to war, and *Jus in bello*, justice in conducting war are confirmed.' Below this text are two buttons: 'DOB: 0.50' and 'WOE: 0.00'. At the bottom of the hypothesis card are thumbs up and thumbs down icons (both with '0' next to them), a '2' next to a circular icon, and a '+ Add Evidence' button. Blue arrows point to the search bar, the 'REAIM2023 Home' link, the 'Sort By' dropdown, and the circular icon at the bottom.

- Search for keywords or topics
- Go back to REAIM2023 home page
- Sort hypotheses
- Look at the evidence



The screenshot shows the BetterBeliefs REAIM2023 interface. At the top left is the BetterBeliefs logo. To its right is a search bar and navigation links for 'Event Data', 'REAIM2023 Home', and a user profile for 'Jaime'. Below the header, the page title 'REAIM2023' is followed by an 'Add Hypothesis' button. On the right, there are dropdown menus for 'Sort By: Date Newest to Oldest' and 'Tag: All Tags'. The main content area features a hypothesis card by 'Skate Devitt' added on '4/2/2023 09:27:44' with the tag 'Weaponised\_drones'. The hypothesis title is 'The public will support the use of weaponised drones in a just war'. Below the title is a video player showing a blue wireframe horse. To the right of the video is a vertical color scale legend with 'WOE' labels and a 'NA' label. Below the video, the text reads: 'The public and international community will support use of weaponised drones if both *Jus ad bellum*, justice in going to war, and *Jus in bello*, justice in conducting war are confirmed.' Below the text, there are statistics: 'DOB: 0.50', an information icon, 'WOE: 0.00', and a '-WOE' label. At the bottom of the card, there are thumbs up/down icons (0 up, 0 down), a '2' with a circular icon, and a '+ Add Evidence' button.

Click hypothesis title to see evidence





## 2. Vote on hypothesis

The screenshot shows the BetterBeliefs REAIM2023 interface. At the top left is the BetterBeliefs logo. To its right is a search bar and navigation links for 'Event Data', 'REAIM2023 Home', and a user profile for 'Jaime'. Below the header, the page title 'REAIM2023' is followed by a 'Add Hypothesis' button. On the right, there are filters for 'Sort By: Date Newest to Oldest' and 'Tag: All Tags'. The main content area features a hypothesis by 'Skate Devitt' added on 4/2/2023 09:27:44, with the tag 'Weaponised\_drones'. The hypothesis text is 'The public will support the use of weaponised drones in a just war'. Below the text is a video player showing a blue wireframe horse. To the right of the video is a vertical WOE scale with a red arrow pointing up. Below the video, the text reads: 'The public and international community will support use of weaponised drones if both *Jus ad bellum*, justice in going to war, and *Jus in bello*, justice in conducting war are confirmed.' Below this text are statistics: 'DOB: 0.50', 'WOE: 0.00', and a 'NA' label. At the bottom of the hypothesis card, there are icons for '0' upvotes and '0' downvotes, a '2' comment icon, and a '+ Add Evidence' button. A blue arrow points to the downvote icon.

○ Vote hypothesis up or down

(you can change your mind)

Vote on Hypothesis





### 3. Rate evidence

The screenshot shows the BetterBeliefs REAIM2023 interface. At the top, there is a search bar and navigation links for 'Event Data', 'REAIM2023 Home', and a user profile 'Jaime'. The main content area is titled 'REAIM2023' and includes an 'Add Hypothesis' button. Below this, there are filters for 'Sort By: Date Newest to Oldest' and 'Tag: All Tags'. A hypothesis card is displayed for 'Skate Devitt', added on 4/2/2023 09:27:44, with the tag 'Weaponised\_drones'. The hypothesis title is 'The public will support the use of weaponised drones in a just war'. Below the title is a video player showing a blue wireframe horse. To the right of the video is a vertical color scale legend with 'WOE' labels and 'NA' at the bottom. The text of the hypothesis reads: 'The public and international community will support use of weaponised drones if both *Jus ad bellum*, justice in going to war, and *Jus in bello*, justice in conducting war are confirmed.' Below the video, there are statistics: 'DOB: 0.50', an information icon, 'WOE: 0.00', and a '-WOE' label. At the bottom of the card, there are thumbs up/down icons (0 up, 0 down), a '2' next to a 'BEX' icon, and a '+ Add Evidence' button. A blue arrow points to the '+ Add Evidence' button.

To view evidence

- Click hypothesis title
- or
- Click the 'evidence' icon



**Evidence**

Sort By: **Date Newest to Oldest** ▾

✓ SUPPORTING Skate Devitt  
added on 4/2/2023 09:28:51 PM

Public broadcasters are beginning to consider defensible uses of autonomous weapons systems in the context of helping the Ukraine win a war that Americans largely agree is a just war to help Ukrainians win the war.

<https://www.pbs.org/newshour/world/drone-advances-amid-war-in-ukraine-could-bring-fighting-robots-to-front-lines>

Your Rating: ★★☆☆☆ 3.5 Avg Rating: ★★★★★ 3.8

Good

- Give evidence a rating out of 5 stars



## How to Evaluate Evidence



½ star:  
Extremely  
poor  
quality  
information

2 ½ stars:  
Average  
quality  
information

5 stars:  
Extremely  
high  
quality  
information

## How to Evaluate Evidence



Is it credible?



Is it recent?



Is it accurate?



Is it comprehensive?



Is it relevant?



Is it informative?





## 4. Add evidence

Skate Devitt Weaponised\_drones

**The public will support the use of weaponised drones in a just war**

Please add your evidence

Evidence weblink \*

Justify how your evidence supports or refutes the hypothesis \*

← → Paragraph **B** *I* **A** [List icons] [Link icon]

0 WORDS POWERED BY TINYMCE

Quality of Evidence \*  
☆☆☆☆ 0.0

Evidence Type \*  Unknown

CANCEL SUBMIT

- Add URL
- Make an argument about how your evidence supports or refutes the hypothesis
- Rank your evidence
- Choose 'supporting or 'refuting'
- Click 'submit'



## 5. Add hypothesis



The screenshot shows the BetterBeliefs interface for the REAIM2023 event. At the top, there is a search bar and navigation links for 'Event Data', 'REAIM2023 Home', and a user profile for 'Jaime'. Below the navigation, the 'REAIM2023' section is visible. A blue arrow points to the 'Add Hypothesis' button. The main content area displays a hypothesis card by 'Skate Devitt' added on 4/2/2023 at 09:27:44, with the tag 'Weaponised\_drones'. The hypothesis text is 'The public will support the use of weaponised drones in a just war'. Below the text is a video player showing a blue wireframe horse. To the right of the video is a vertical WOE scale from -1.00 (blue) to 1.00 (red), with 0.00 (green) in the middle. The hypothesis has a DOB of 0.50 and a WOE of 0.00. At the bottom of the card, there are icons for likes (0), dislikes (0), and a '2' icon. A green arrow points to the '+ Add Evidence' button, which is a green circle with a white plus sign. Below this button is the text 'Add New Hypothesis'.

○ Add a hypothesis



## Add a Hypothesis

What's your hypothesis? Tags Select

Name your hypothesis \*

Describe your hypothesis \*

Paragraph **B** *I* **A**

0 WORDS POWERED BY TINYMCE

CANCEL CONTINUE

- Choose the appropriate tag
- Give your hypothesis a title
- Explain what makes it important
- Click 'continue' to add evidence

## Don't forget to add evidence to your hypothesis

The screenshot shows a form titled "Please add your evidence". It contains the following elements:

- Evidence weblink \***: A text input field with a dark blue arrow pointing to it.
- Justify how your evidence supports or refutes the hypothesis \***: A rich text editor with a toolbar (Paragraph, Bold, Italic, Text color, Background color, Bulleted list, Numbered list, Indent, Outdent, Link, Unlink, Help) and a large text area. A blue arrow points to the text area.
- Quality of Evidence \***: A star rating system with five stars and a score of 0.0. A blue arrow points to the stars.
- Evidence Type \***: A slider control currently set to "Unknown". A blue arrow points to the slider.
- CANCEL** and **SUBMIT**: Buttons at the bottom right. A black arrow points to the SUBMIT button.

- Add URL
- Make an argument about how your evidence supports or refutes the hypothesis
- Rank your evidence
- Choose 'supporting or 'refuting'
- Click 'submit'

Add a Hypothesis



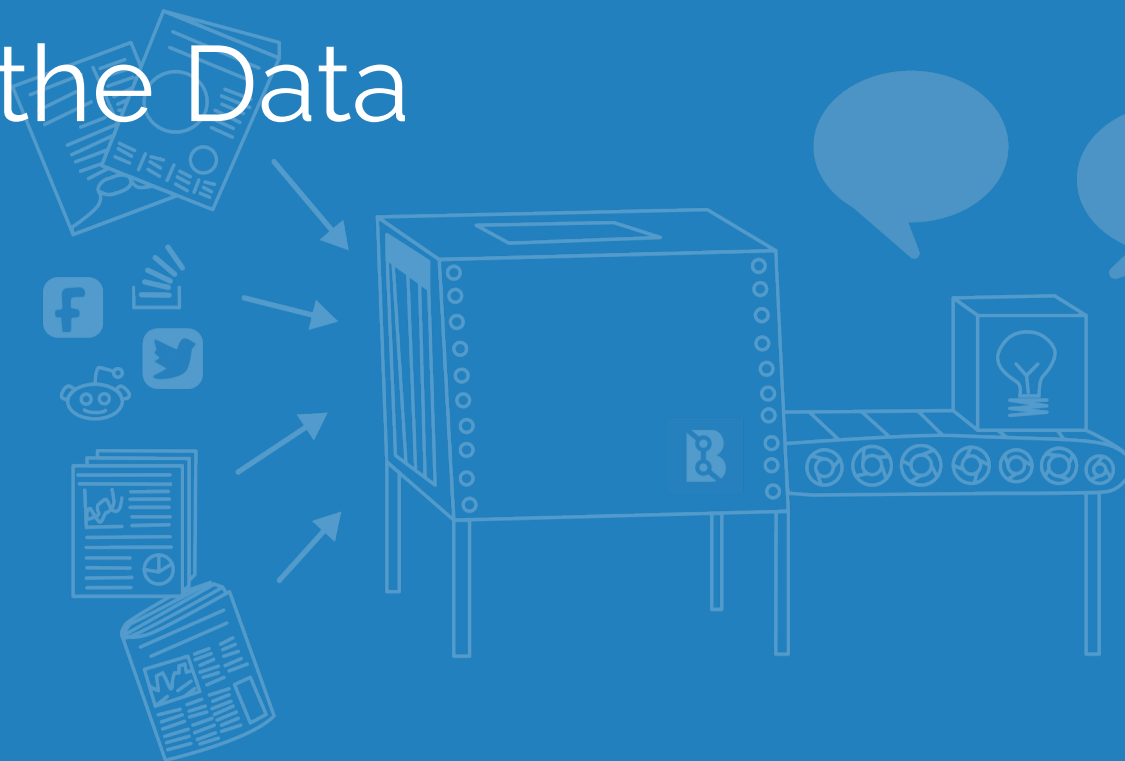
## Remember

- You need an evidence URL to support or refute your hypothesis
- You don't need to strongly agree with a hypothesis to add it!
  - Add hypotheses you're skeptical or *curious* about
  - Add radical, unusual, controversial or 'out there' hypotheses
  - Add hypotheses you'd like input and feedback on
  - Add hypotheses you feel are *poorly* supported by evidence
  - Add hypotheses you believe in, but are not quite sure if you have enough evidence to investigate more thoroughly
  - Add hypotheses you have evidence for or against
  - Add hypotheses you do not believe

Add a  
Hypothesis



# Analysing the Data



BetterBeliefs

SEARCH

Event Data REAIM2023 Home Jaime

REAIM2023

Add Hypothesis

Sort By: Date Newest to Oldest Tag: All Tags

Skate Devitt added on 4/2/2023 09:27:44

Weaponised\_drones

The public will support the use of weaponised drones in a just war

The public and international community will support use of weaponised drones if both *Jus ad bellum*, justice in going to war, and *Jus in bello*, justice in conducting war are confirmed.

DOB: 0.50 WOE: 0.00

0 0

2

+ Add Evidence

Add New Hypothesis

- Click 'Event Data' to open the decision dashboard



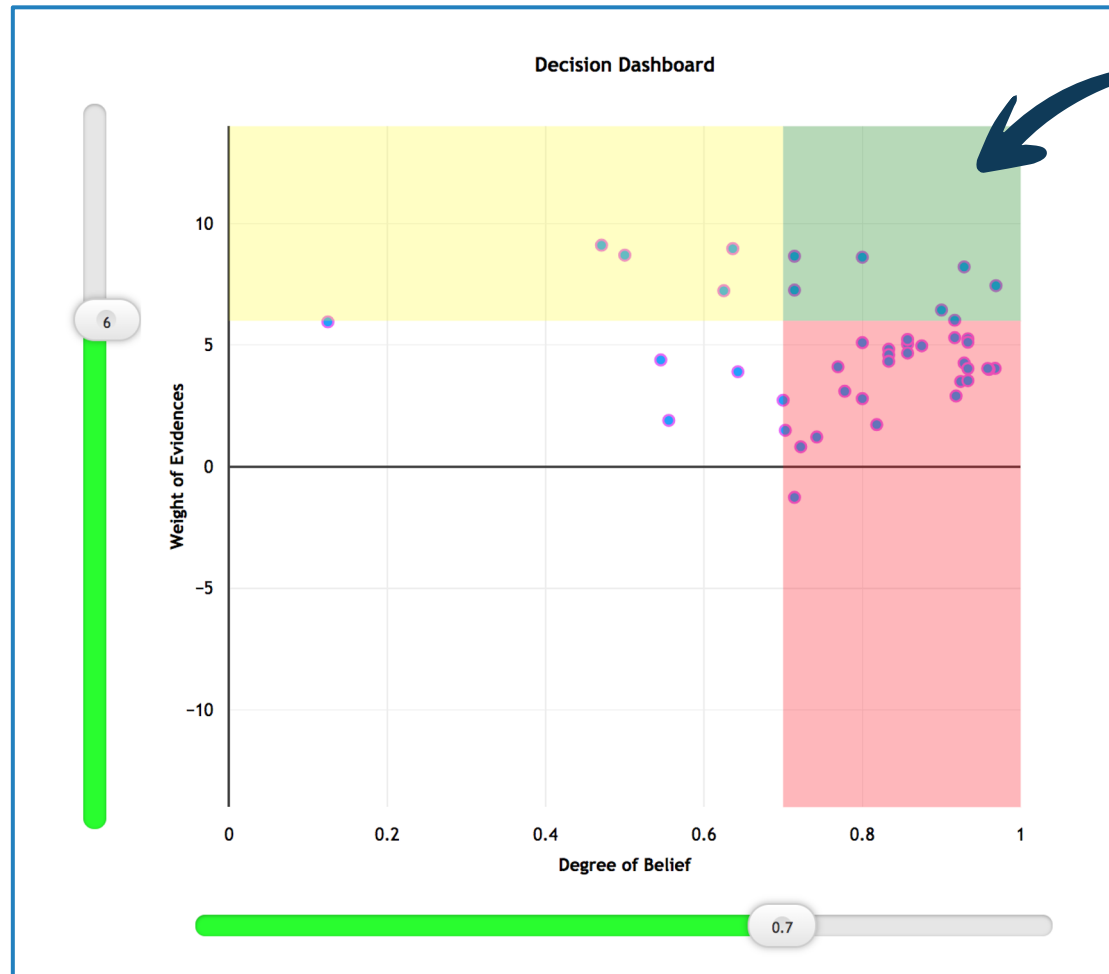


The screenshot shows the 'REAIM2023 Data' dashboard. At the top left is the 'Better Beliefs' logo. To the right are navigation links for 'Event Data', 'REAIM2023 Home', and a user profile button for 'Jaime'. Below the header, the main title is 'REAIM2023 Data.' followed by the subtitle 'Data & Decision Dashboard'. The central area contains a form with three input fields: 'From Date:' with the value '07/02/2022', 'To Date:' with the value '07/02/2023', and 'Tag:' with a dropdown menu set to 'Select'. A 'Load' button is positioned below the 'Tag' field. Two blue arrows point to the 'To Date' field and the 'Load' button, respectively.

- Choose the date range and event tags
- Click 'load'



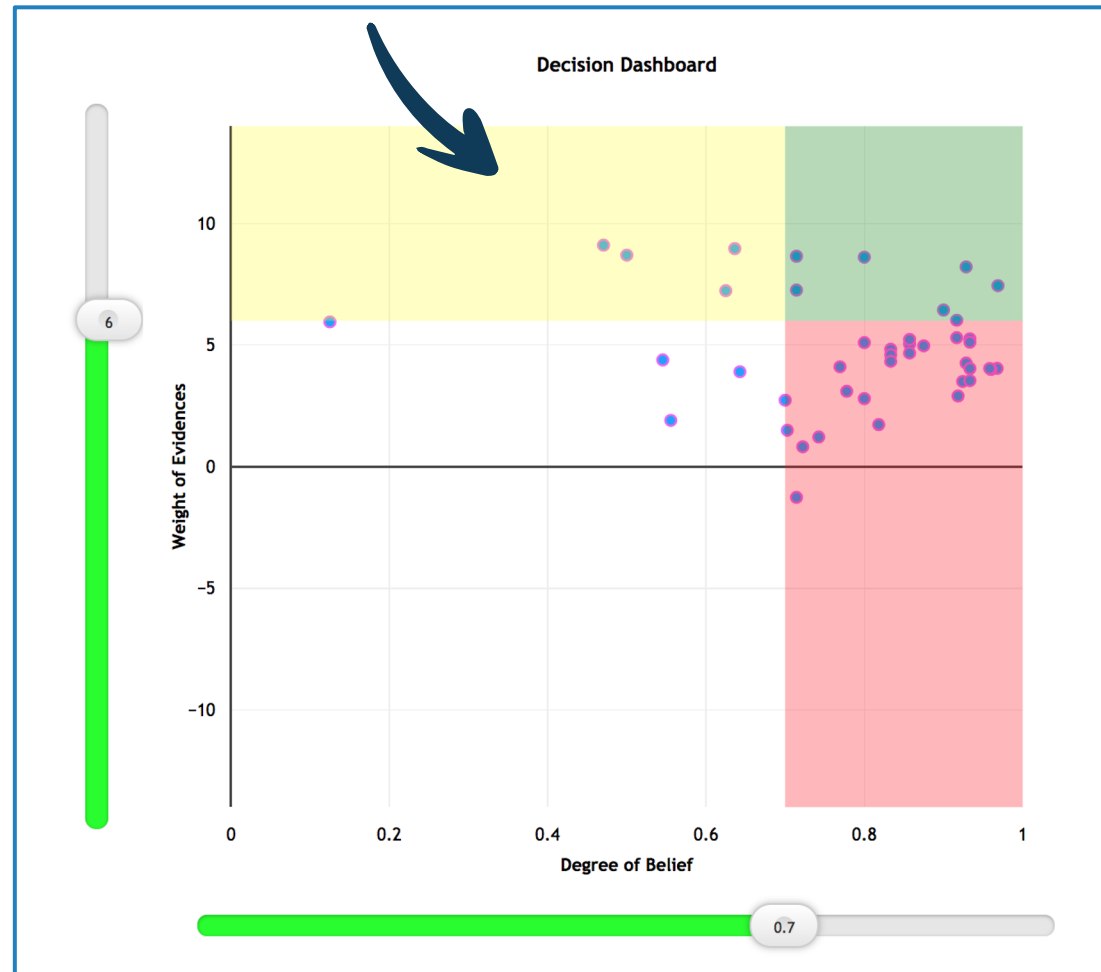
## Data and Decision Dashboard



Green

Ideas that have a *lot of evidence* and are *highly believed* in get green-lit for action

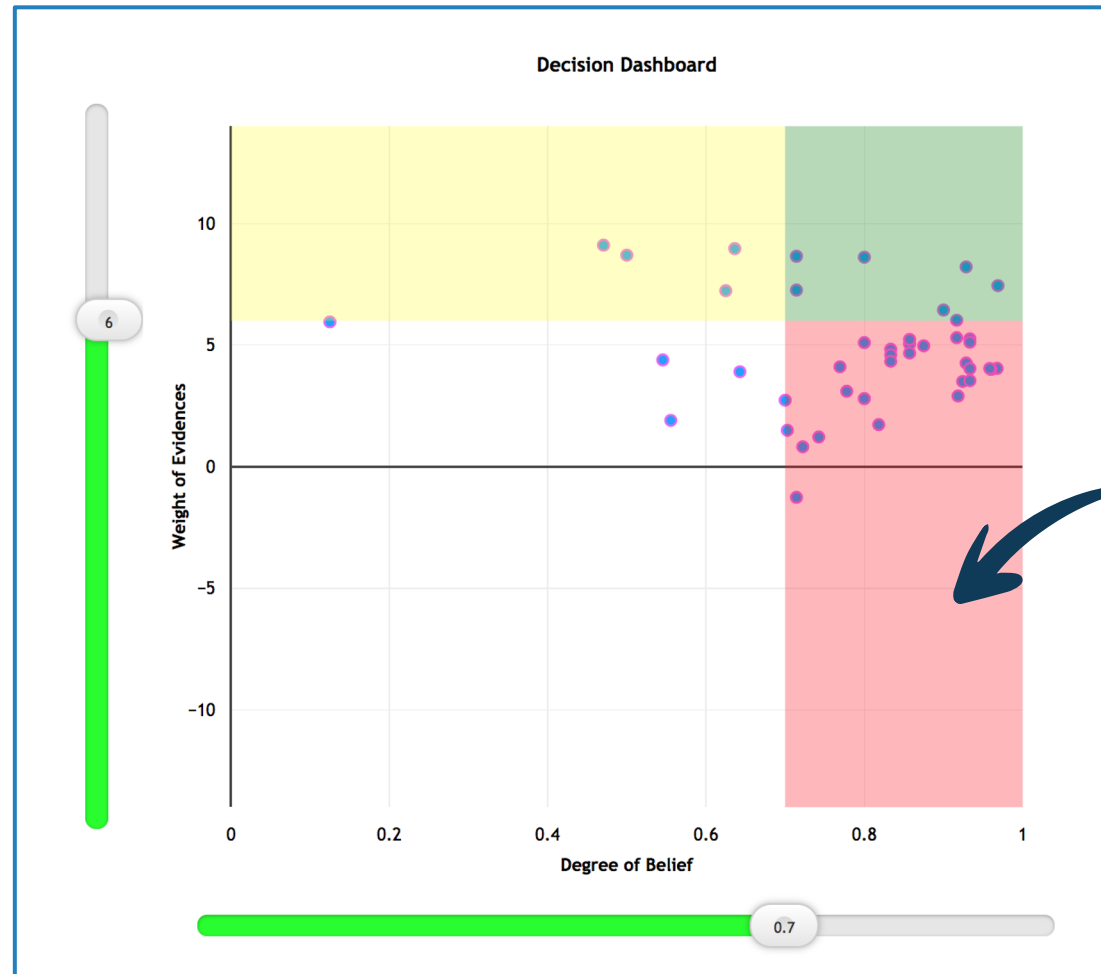
## Data and Decision Dashboard



### Yellow

Ideas that have a *lot of evidence*, yet a *mixed belief* need top-down actions to facilitate belief-change such as education and campaigns

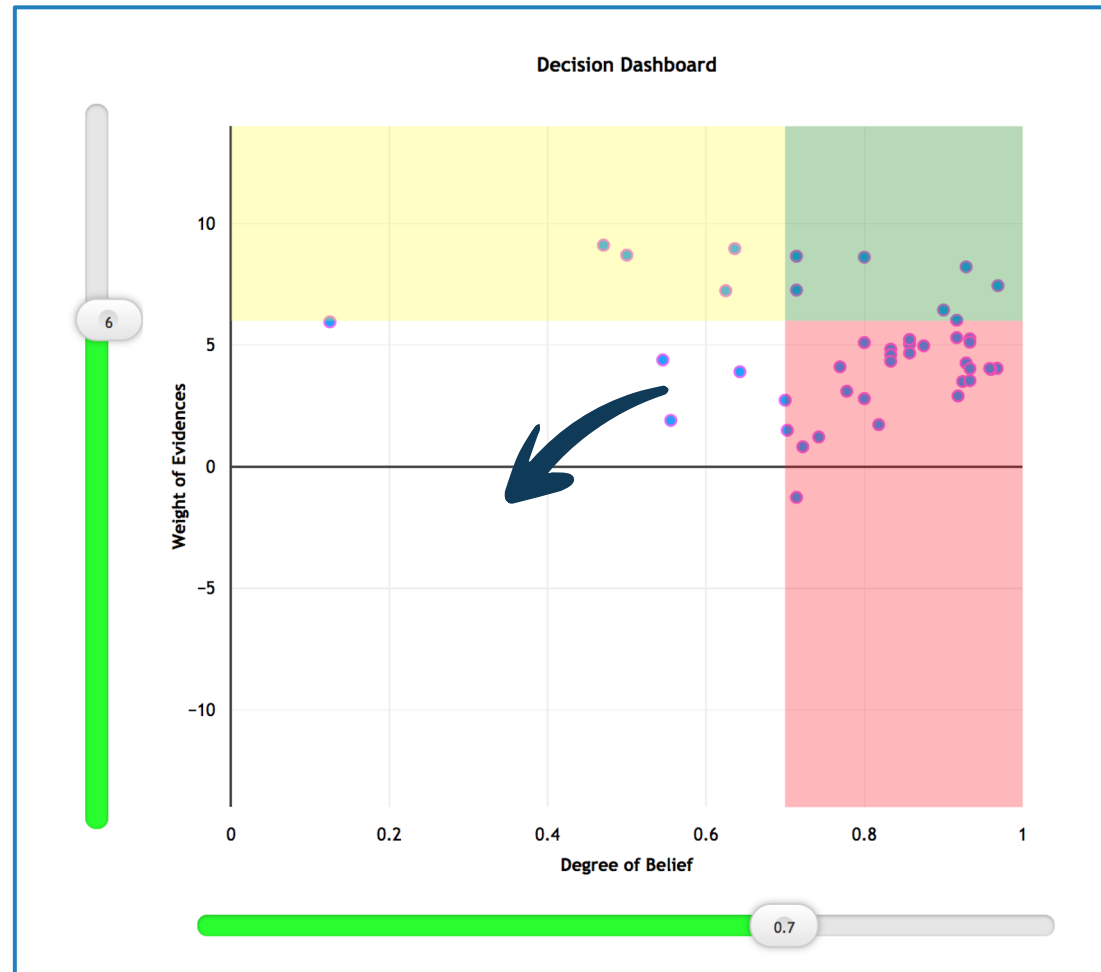
## Data and Decision Dashboard



Red

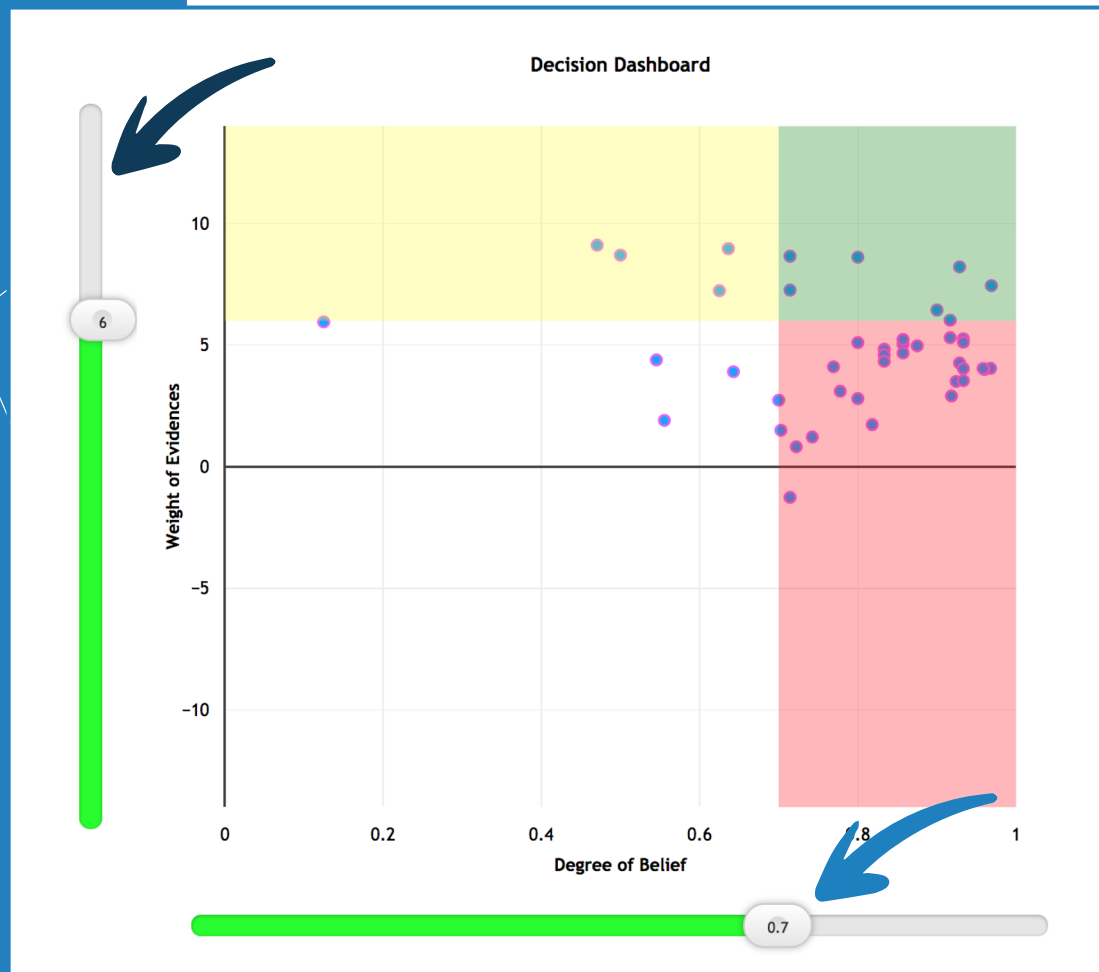
Ideas that are *highly believed in*, yet *evidence is below threshold* indicates that more engagement is needed

## Data and Decision Dashboard

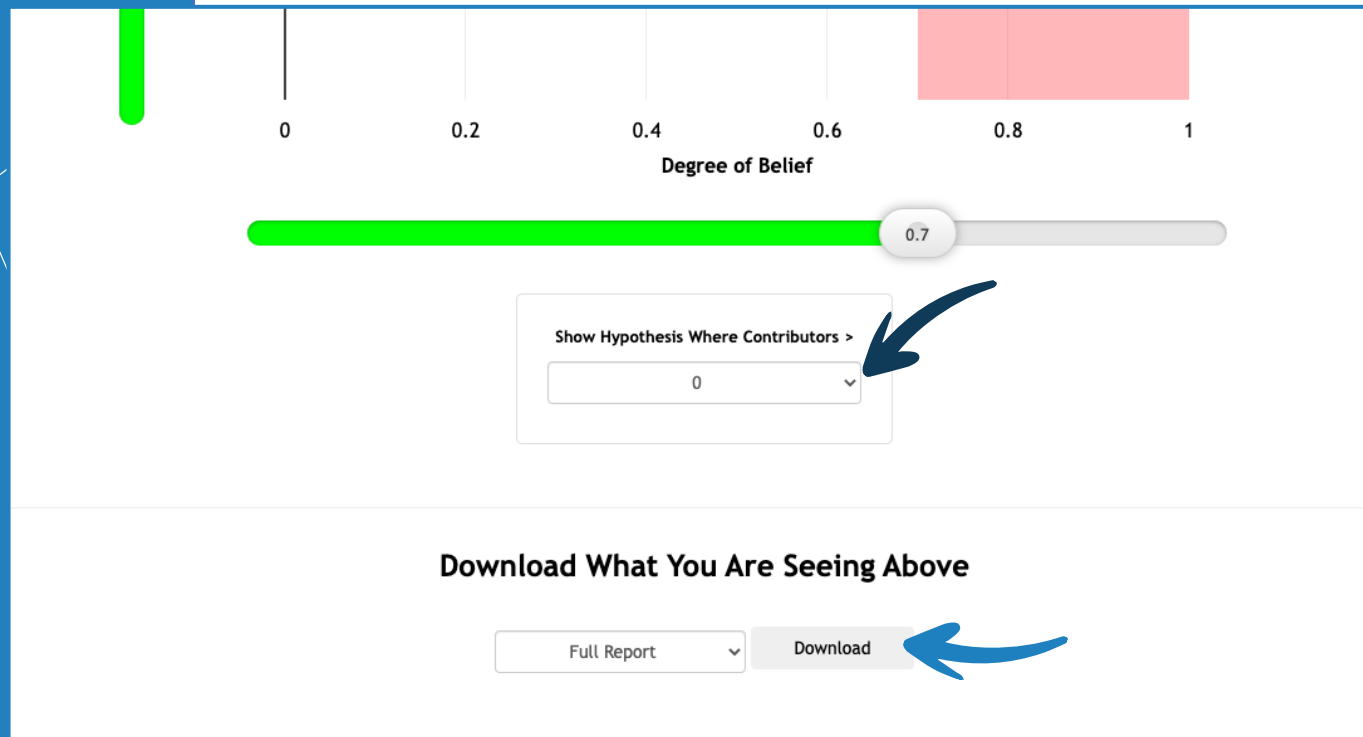


White

Strategies have *evidence for* and *against them* and *mixed belief*. These need more interactions, better evidence and belief-change before action



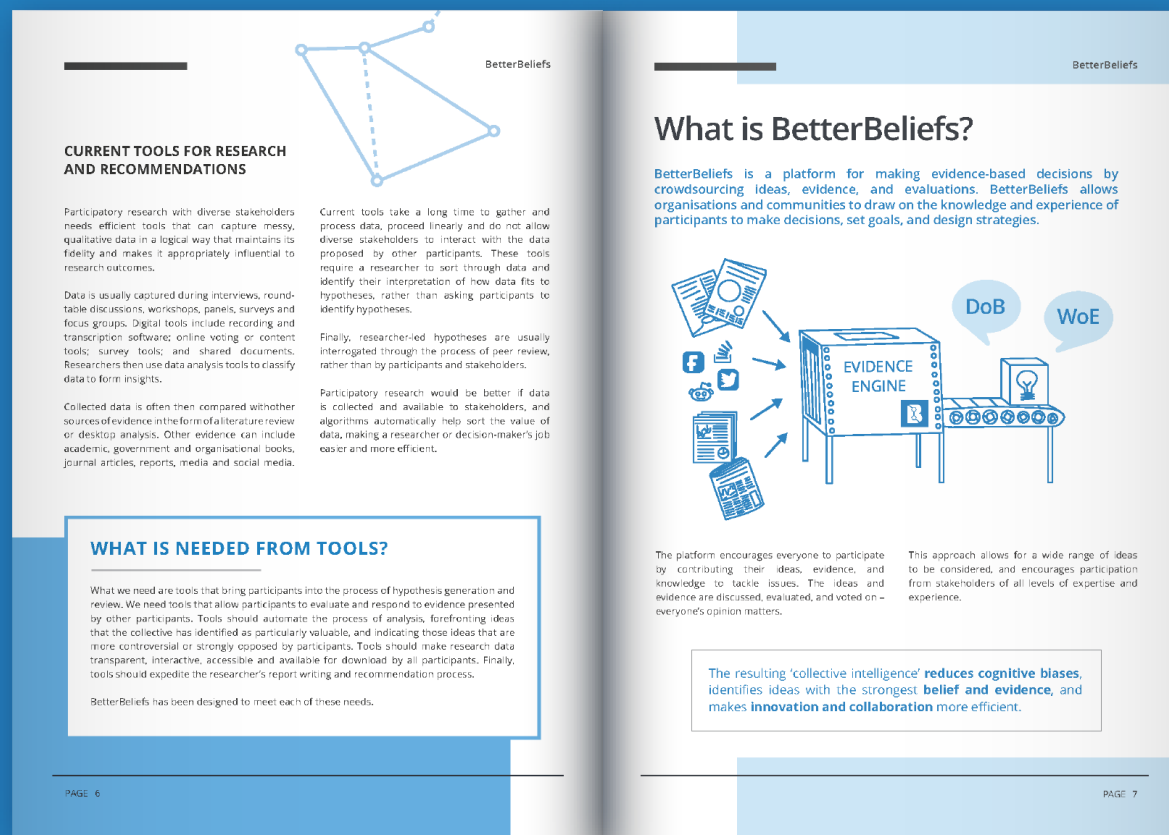
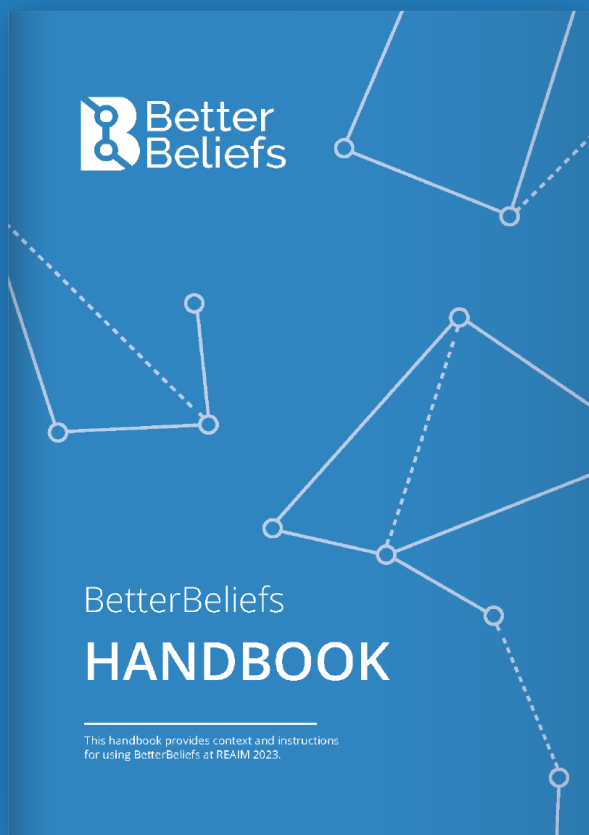
- Users can change the threshold of evidence. The higher the risk, the higher the threshold should be
- Users can change the threshold of belief. The more confident stakeholders are in a strategy, the less pushback to implement it operationally



- Choose the minimum number of contributors per hypothesis
- Download .xlsx data of the quadrant relevant to you



Read more in the BetterBeliefs handbook available for download (PDF): [betterbeliefs.com.au/reaim](https://betterbeliefs.com.au/reaim)





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