

Thank you for joining us – the  
webinar will start shortly

## COVID-19 webinar #3

### *The “new normal”: implications for actuarial modelling*

May 19<sup>th</sup>, 2020

10am ET / 3pm GMT



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# Special webinar #3

## COVID-19: the "new normal" and its implications for actuarial modeling



Douglas Anderson  
**Webinar chair**

Founder  
of Club Vita



Dan Ryan  
**Panelist**

Founder and Chief  
Science Officer,  
COIOS Research



Rebecca Hann  
**Panelist**

Longevity Risk  
Management  
Actuary,  
Legal & General



Eli Greenblum  
**Panelist**

Senior VP and  
Chief Actuary,  
Segal



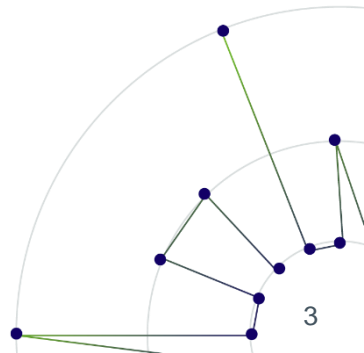
Steven Baxter  
**Panelist**

Head of  
Innovation and  
Development,  
Club Vita



# Today's running order

1. Emerging science – Dan Ryan
2. The pension actuary's perspective – Eli Greenblum
3. The life actuary's perspective – Rebecca Hann
4. How data science can help – Steven Baxter
5. Discussion



# 1 The emerging science

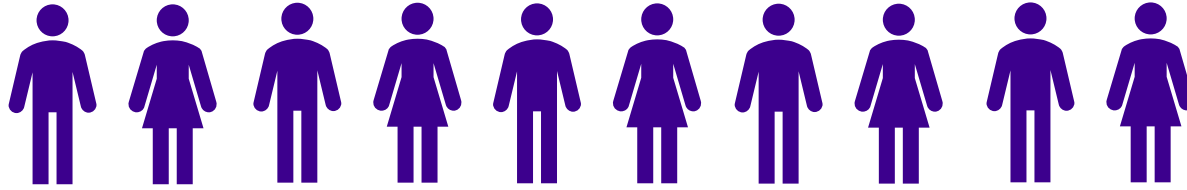
# 2 Pension actuary perspective

# 3 Life insurance actuary perspective

# 4 How data science can help

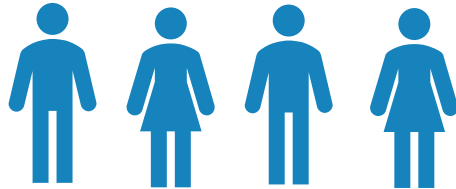
# The scale of the impact

Official



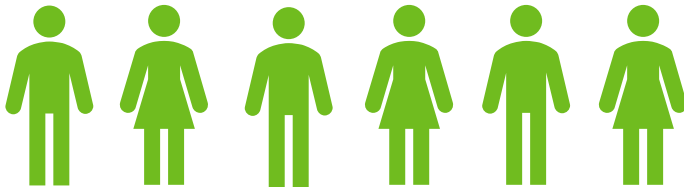
Died, having tested positive

“Missing”



COVID-19 mentioned on death certificate

“Missed”

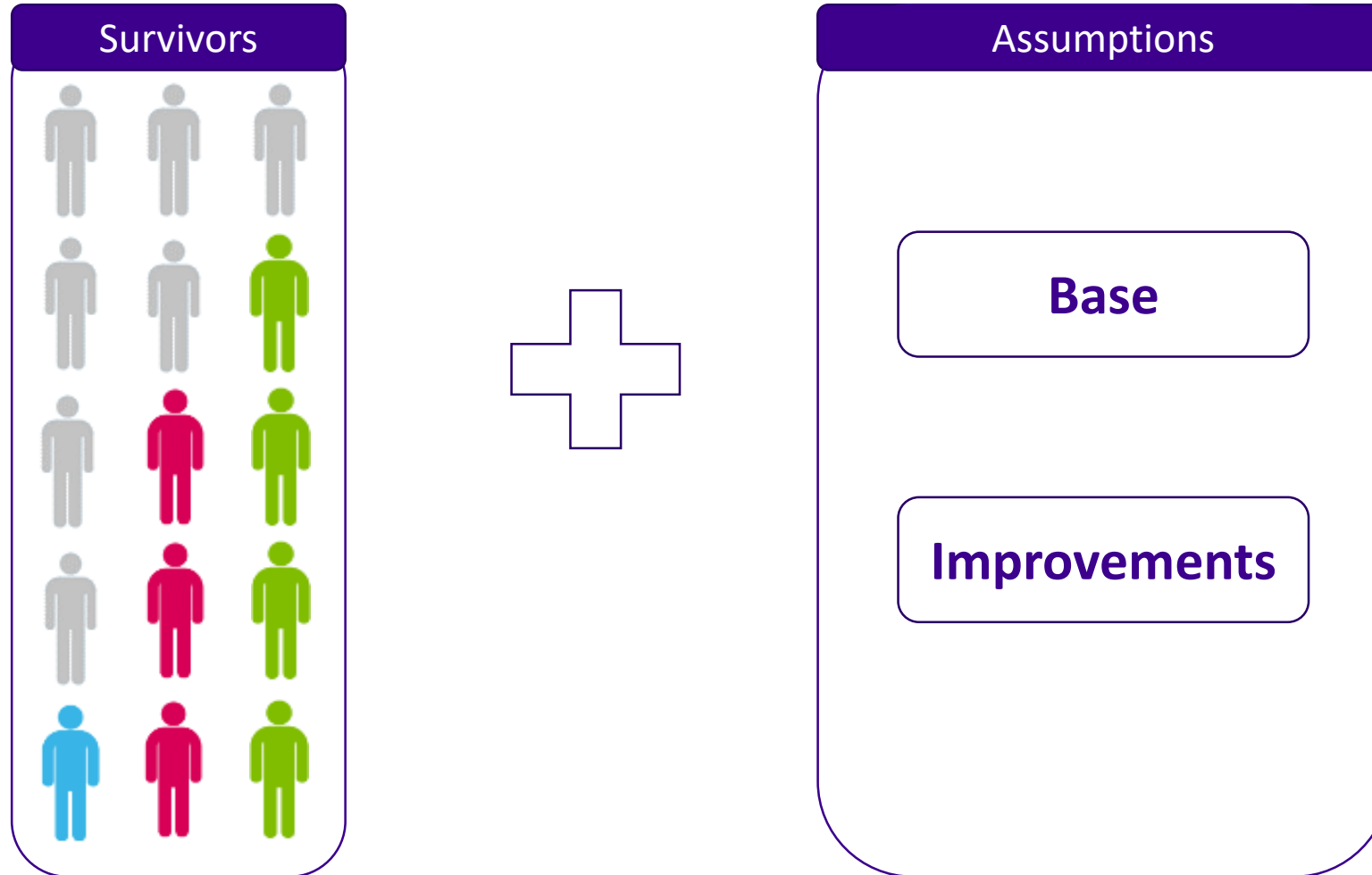


Un-seasonally high mortality rates

An international problem with data.  
In UK **double** official tally



# The impact on pension plans and insurers



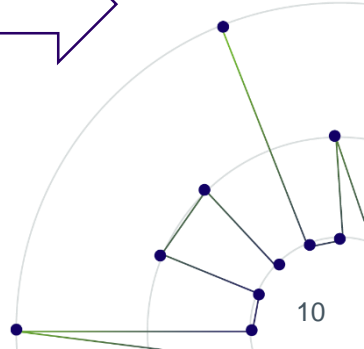
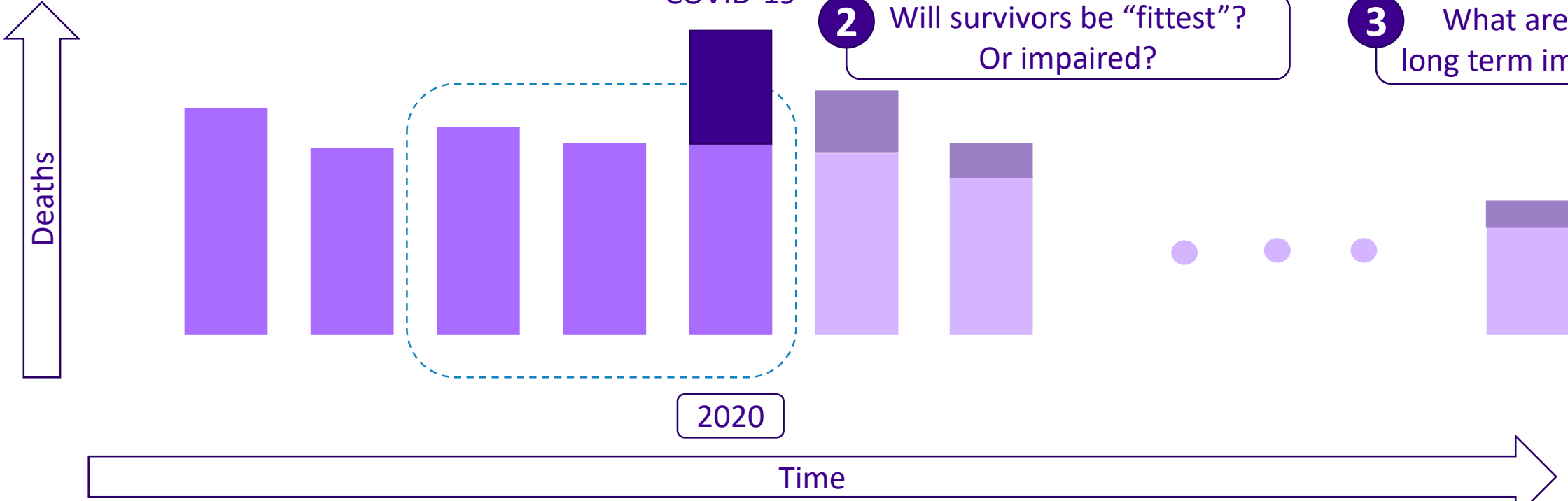
# How might assumptions be impacted?

1 Is this a one-off?

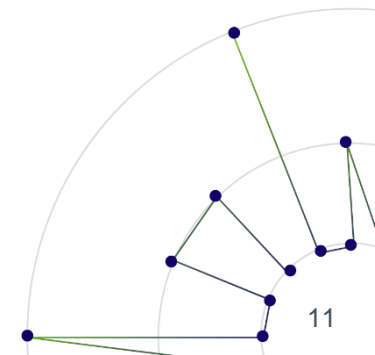
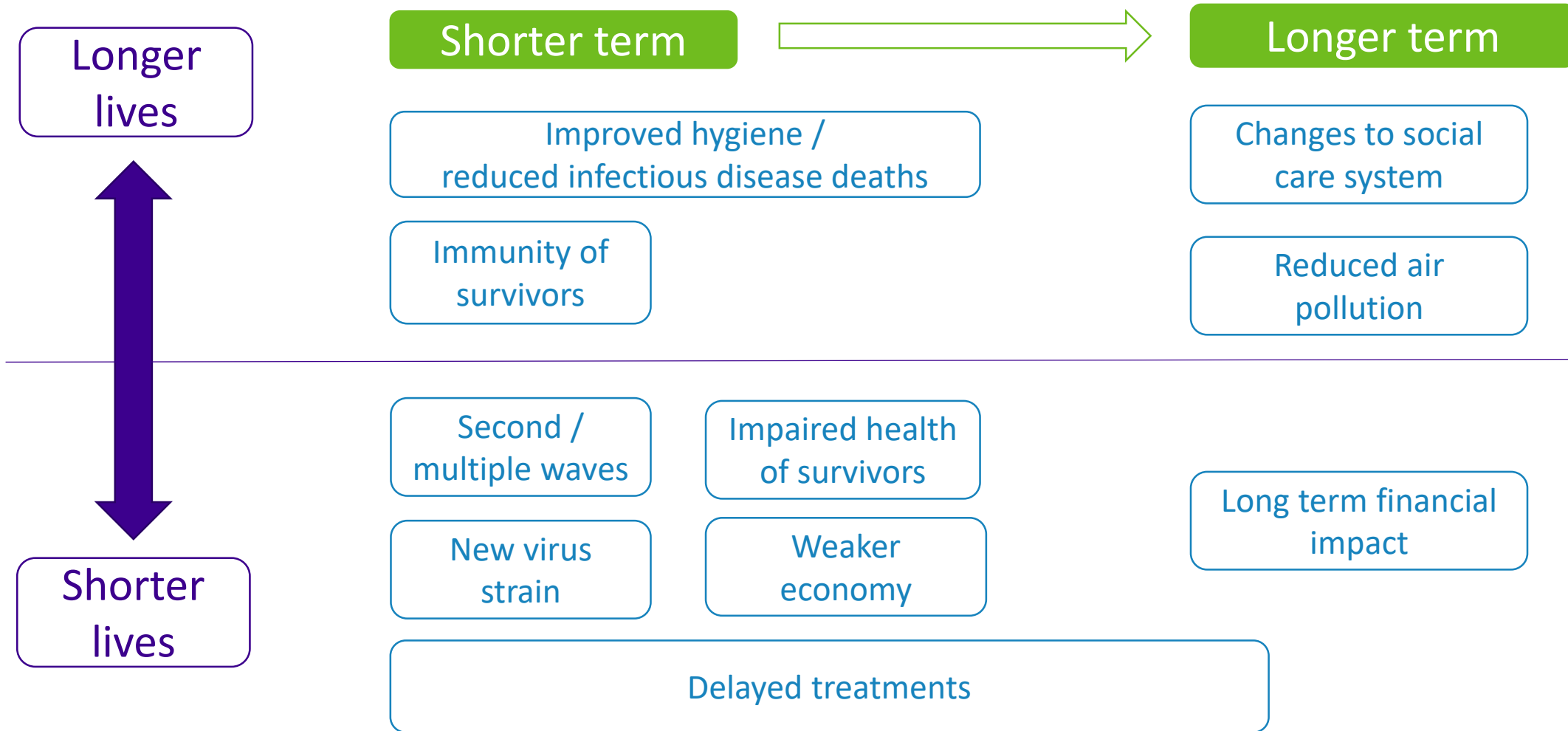
COVID-19

2 Will survivors be "fittest"?  
Or impaired?

3 What are the  
long term impacts?



# What might be the impacts of COVID-19?



# Thank you

Coming soon

***Club Vita research paper:***

***Public vs private: Is there a sector effect on mortality?***



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