

Actuarial Society of Malaysia  
9<sup>th</sup> General Insurance and Takaful Actuarial Seminar  
Reimagining the Future  
Aloft KL Sentral, Kuala Lumpur  
25<sup>th</sup> & 26<sup>th</sup> June 2019

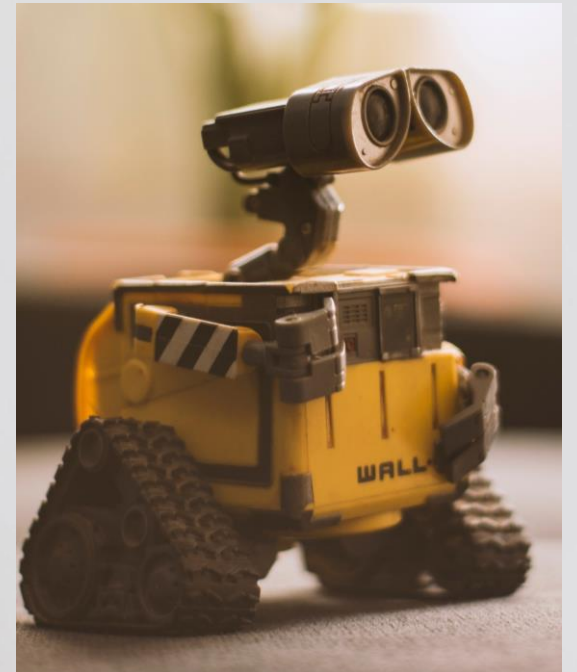
# Supplementing Reserving Work with Artificial Super Intelligence (ASI)

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# Artificial Intelligence (AI)

Machines that mimic “cognitive” functions of humans, e.g. “learning” & “problem solving”

Machine intelligence vs natural intelligence



n - a c t u a r i a l

A man with a prosthetic robotic arm is shown in profile, looking down. The arm is white and metallic, with a purple circular sensor at the wrist. The background is a blurred indoor setting.

# Artificial Super Intelligence (ASI)

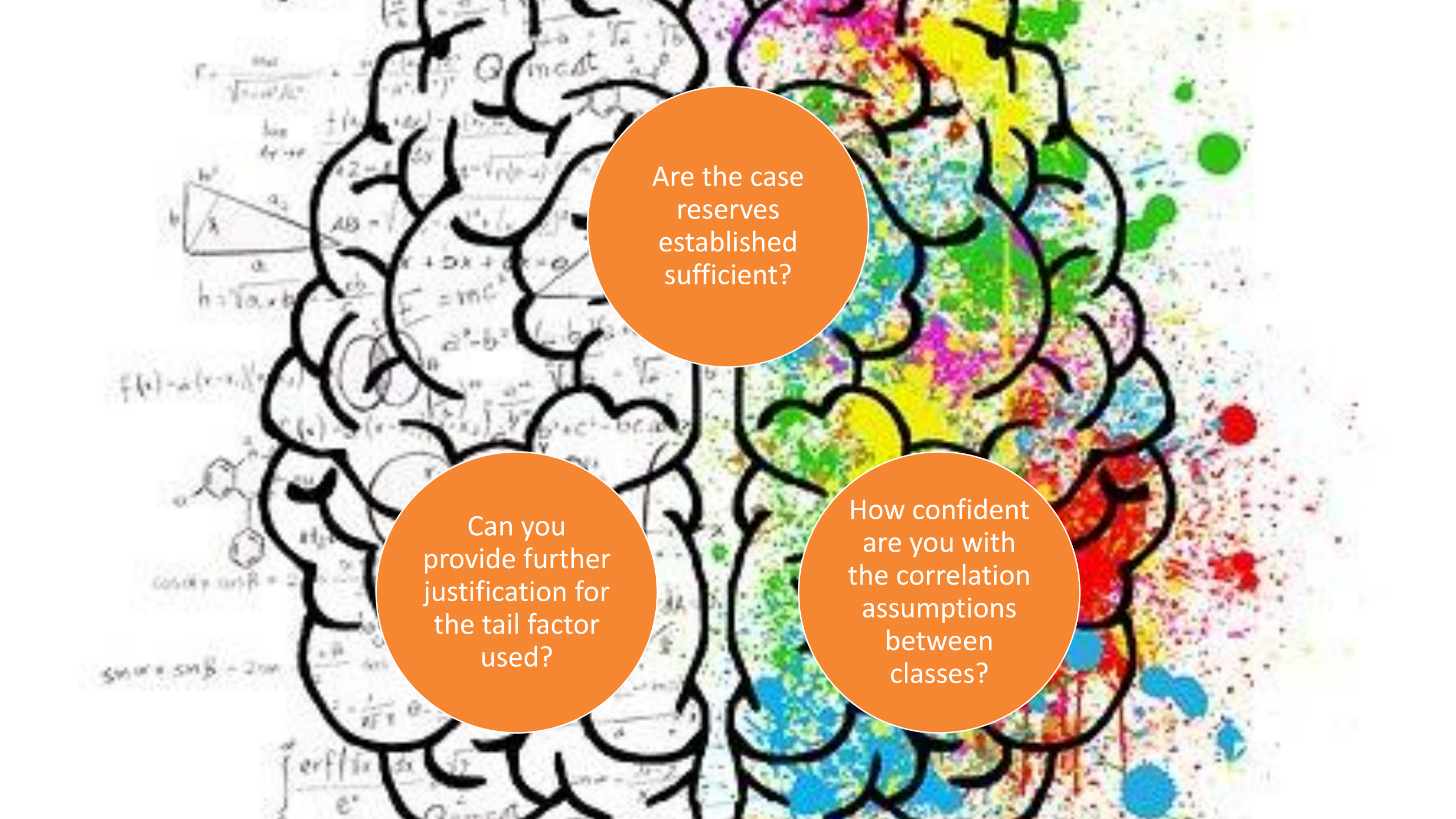
Machines with cognitive ability that is superior to a human's.

Capability of computers surpasses humans.

End game is to achieve technological singularity!

# Why use Cogs in Actuarial Work?

- ✓ Unbiased
- ✓ Instant
- ✓ Confident
- ✓ Focus on things that Cogs cannot do



Are the case reserves established sufficient?

Can you provide further justification for the tail factor used?

How confident are you with the correlation assumptions between classes?

**THE REMAINDER OF THIS SESSION IS POTENTIALLY  
EXTREMELY TECHNICAL & DRY. UNLIKE AI, ONLY SOME  
HUMANS CAN HANDLE THIS!**

**CAUTION**

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Thank You!

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