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SOLVING CLIMATE CRISIS

THE POTENTIAL OF UNEQUAL LOSS IN CLIMATE GAME
KILLS TRUST AND CAUSES SINKING TOGETHER.

A wide-angle photograph of a rural landscape. In the foreground, there's a large, vibrant green grassy field. Scattered across the field are several small, dark wooden houses with light-colored roofs, some with visible thatched sections. In the middle ground, a dense forest of dark green trees stretches across the horizon. Behind the forest, a range of mountains is visible, their peaks partially obscured by large, billowing white clouds against a clear blue sky.

we are not doomed

A wide-angle photograph of a rural landscape. In the foreground, there's a large, vibrant green grassy field. Scattered across the field are several small, dark wooden houses with light-colored roofs, some with visible thatched sections. In the middle ground, a dense forest of dark green trees stretches across the horizon. Behind the forest, a range of mountains rises, their peaks partially obscured by large, billowing white clouds against a clear blue sky.

we are not doomed equally



we are not doomed equally
first impression -> trust

summer february



A wide-angle photograph of a wind farm. In the foreground, there's a mix of green grass and brown, tilled soil. Numerous wind turbines are scattered across the landscape, with one prominent one on the left and another large one in the center-left. The sky is a clear, pale blue.

social dilemma

The background of the image shows a panoramic view of a mountain range during sunset or sunrise. The sky is a clear, pale blue at the top, transitioning into a warm orange and yellow near the horizon where the mountains are silhouetted against a bright sky.

threshold public good game
climate game



10 round

0, 150, 300



3000



3000



3000

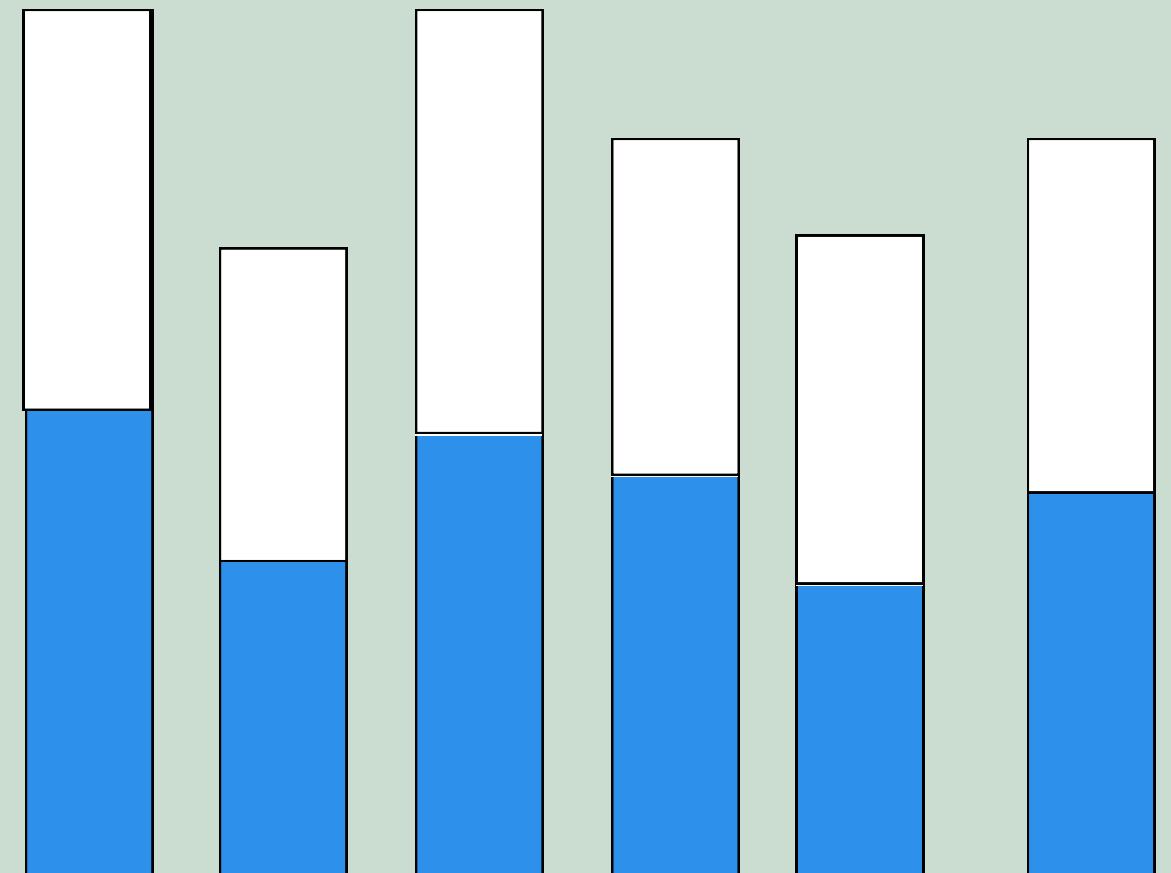


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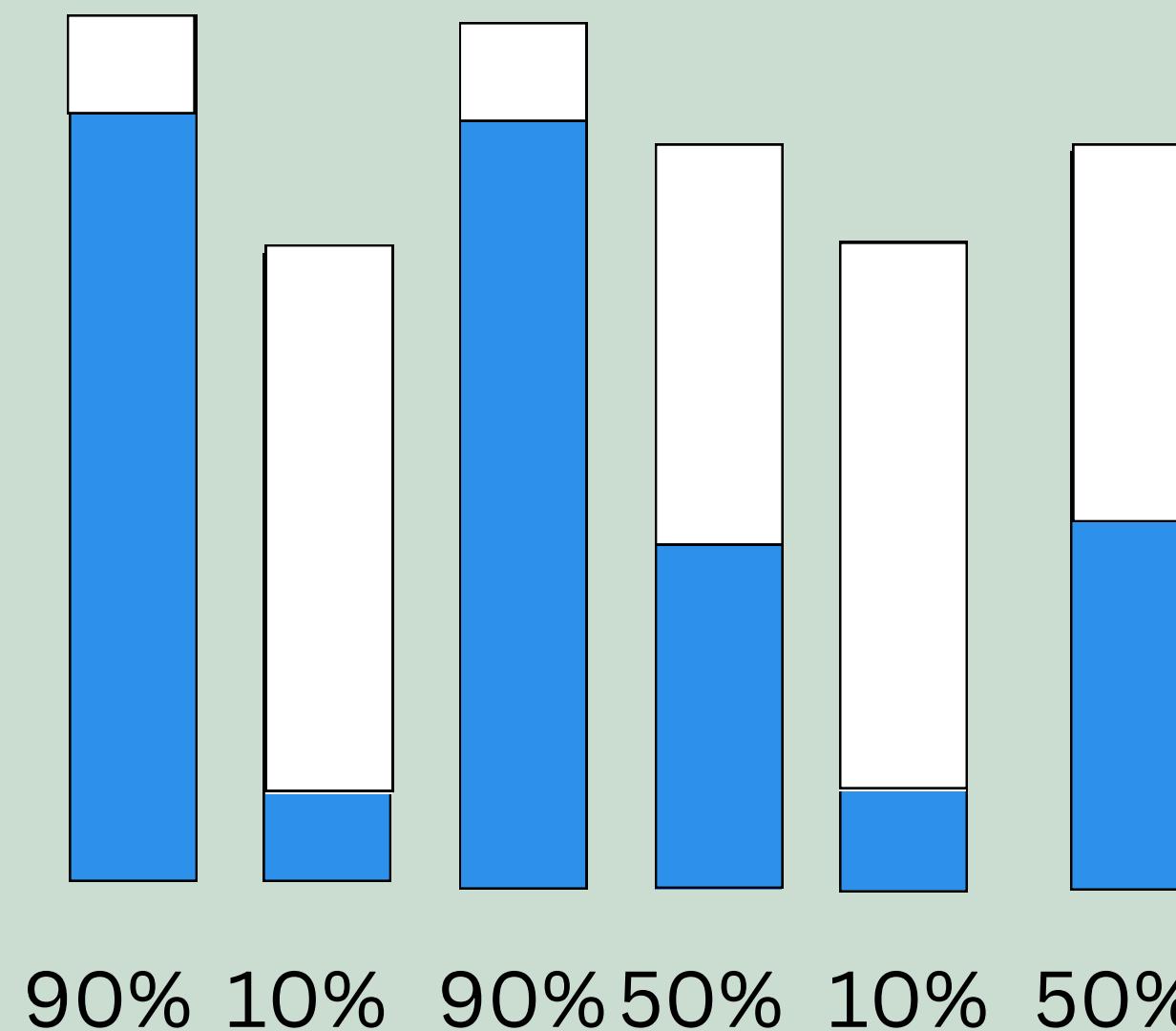


3000

equal loss



unequal loss



10 round

0, 150, 300

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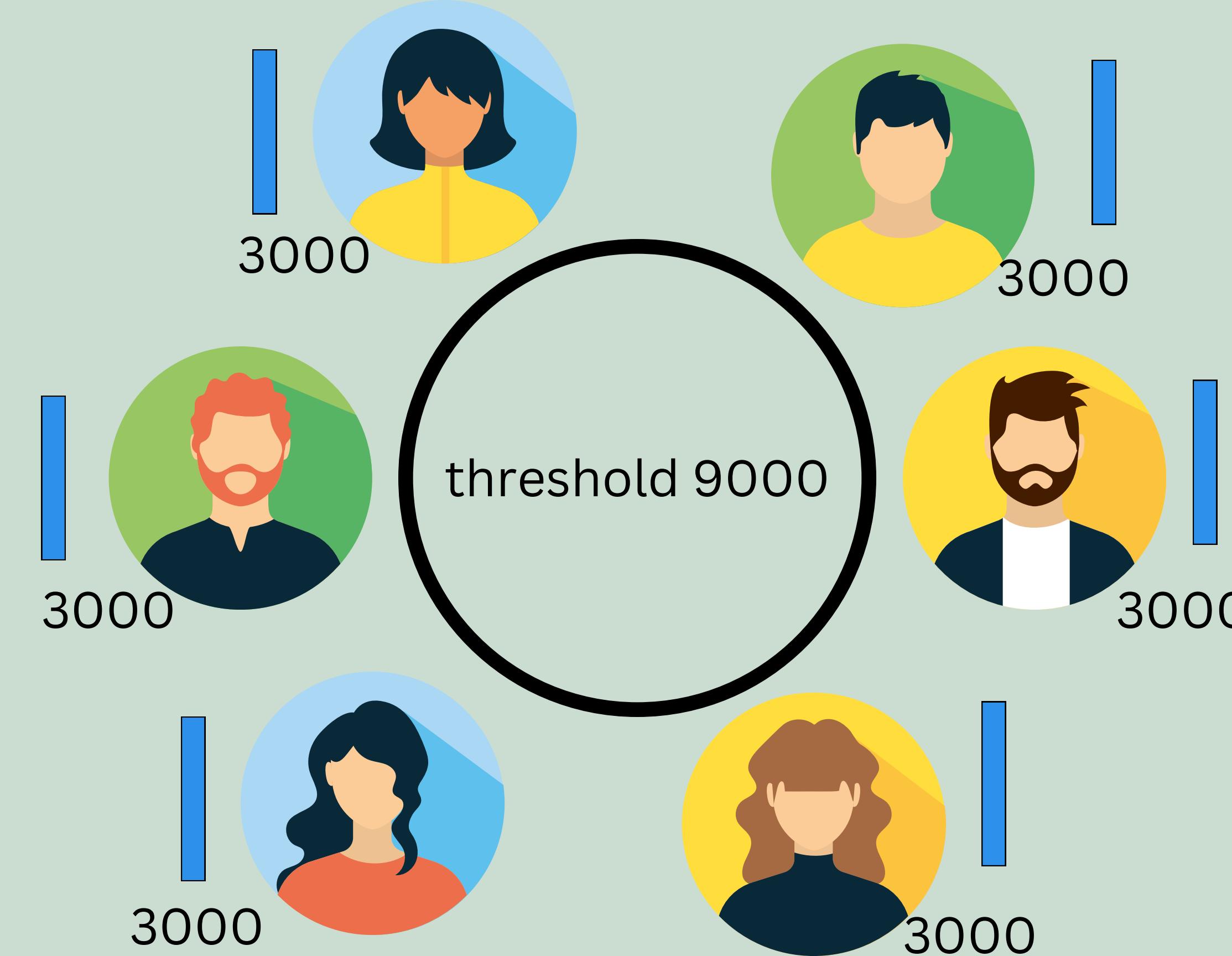
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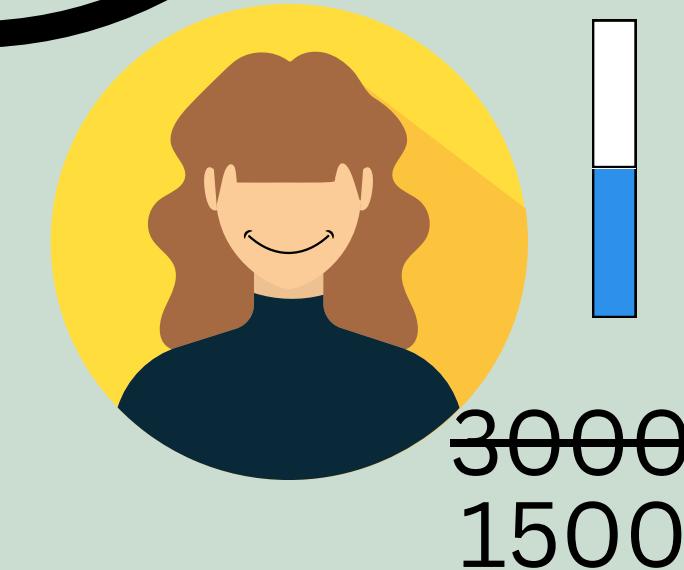
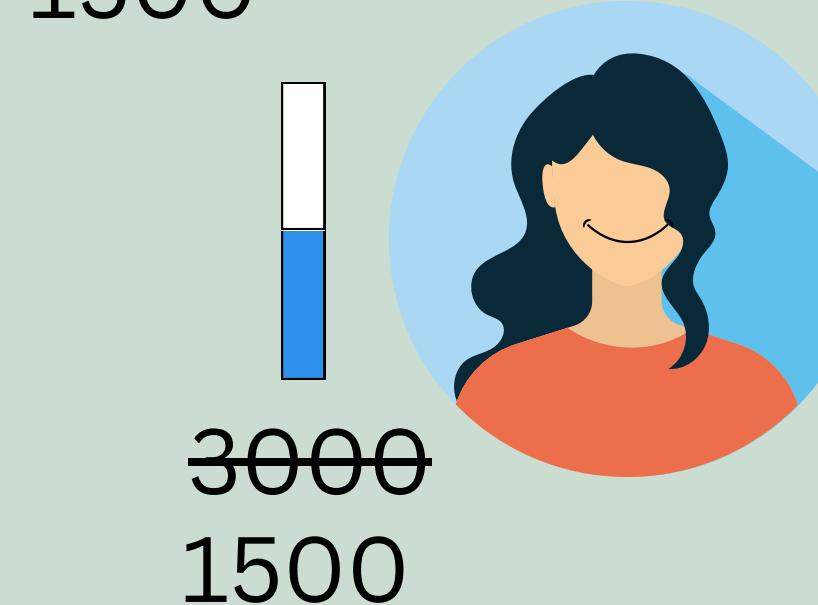
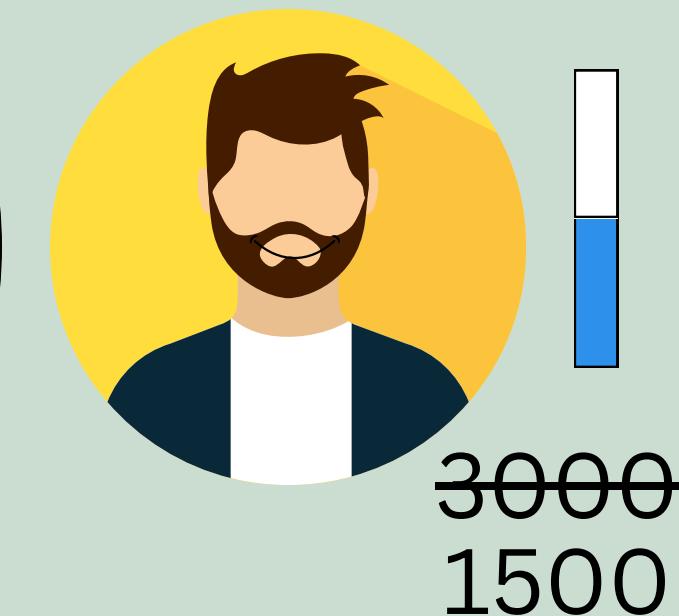
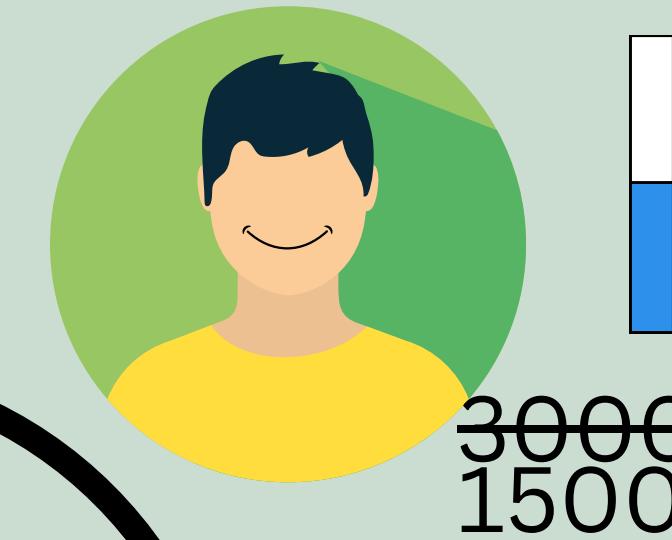
3000

threshold 9000



10 round

0, 150, 300

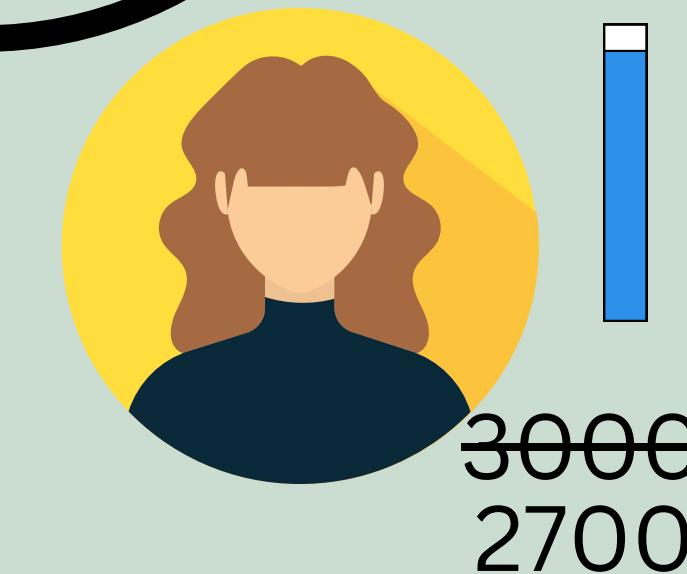
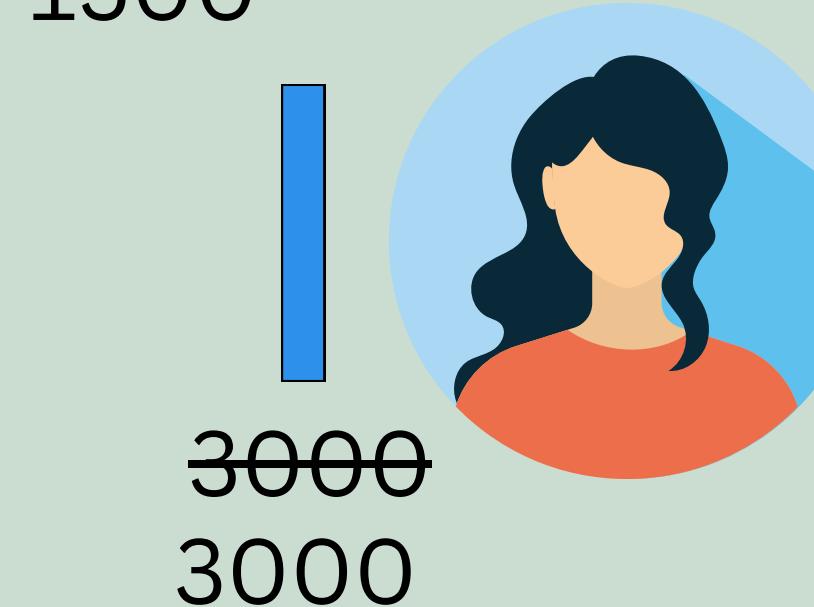
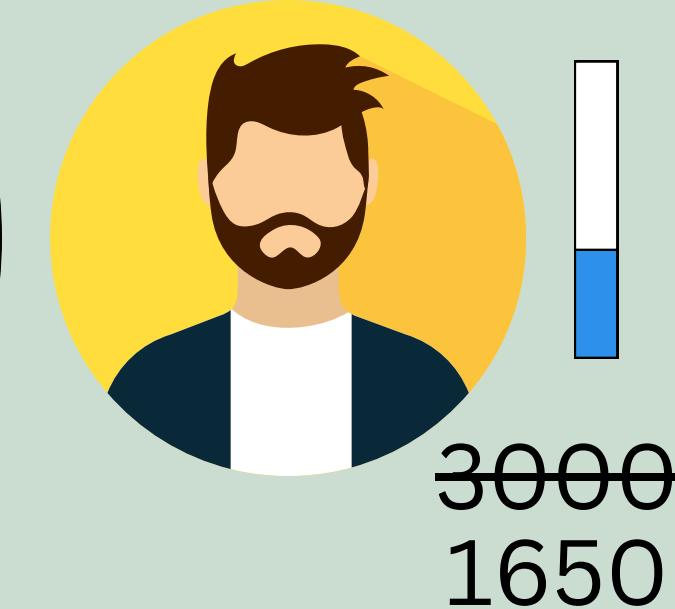


10 round

0, 150, 300



6000
threshold 9000
failed



10 round

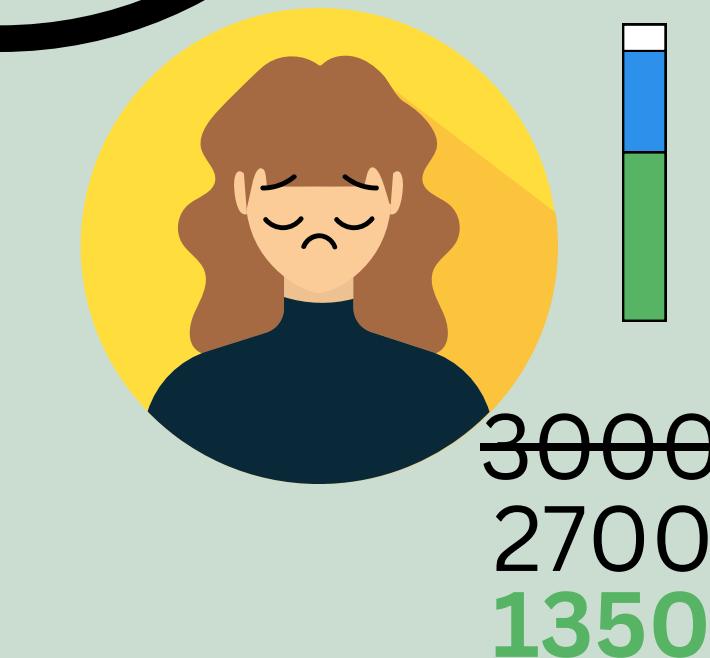
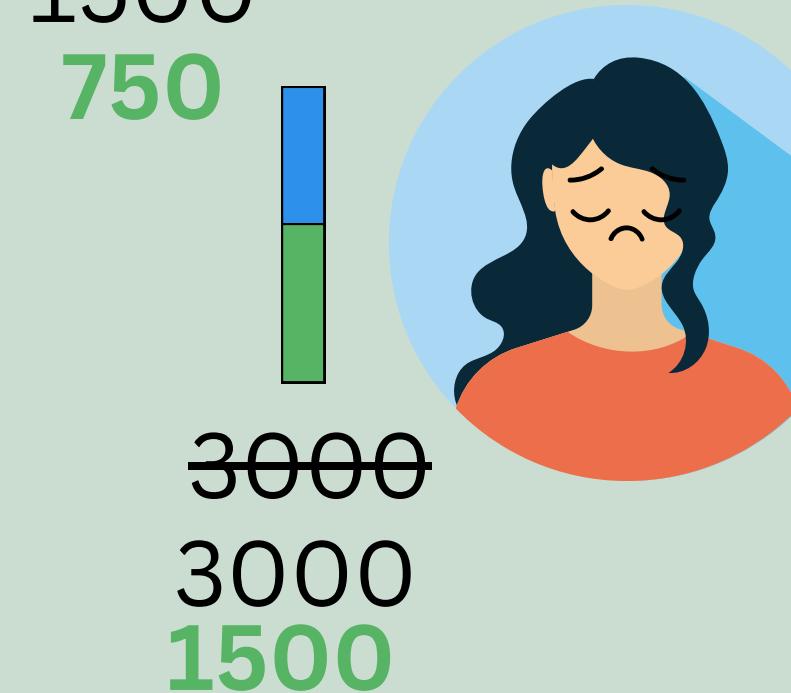
0, 150, 300



50%



6000
threshold 9000
failed



10 round

0, 150, 300



10%
50%
90%

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2900

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1500
150

150

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2430

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2700
2430

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1650
825

3000
1650
825

6000
threshold 9000
failed

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150



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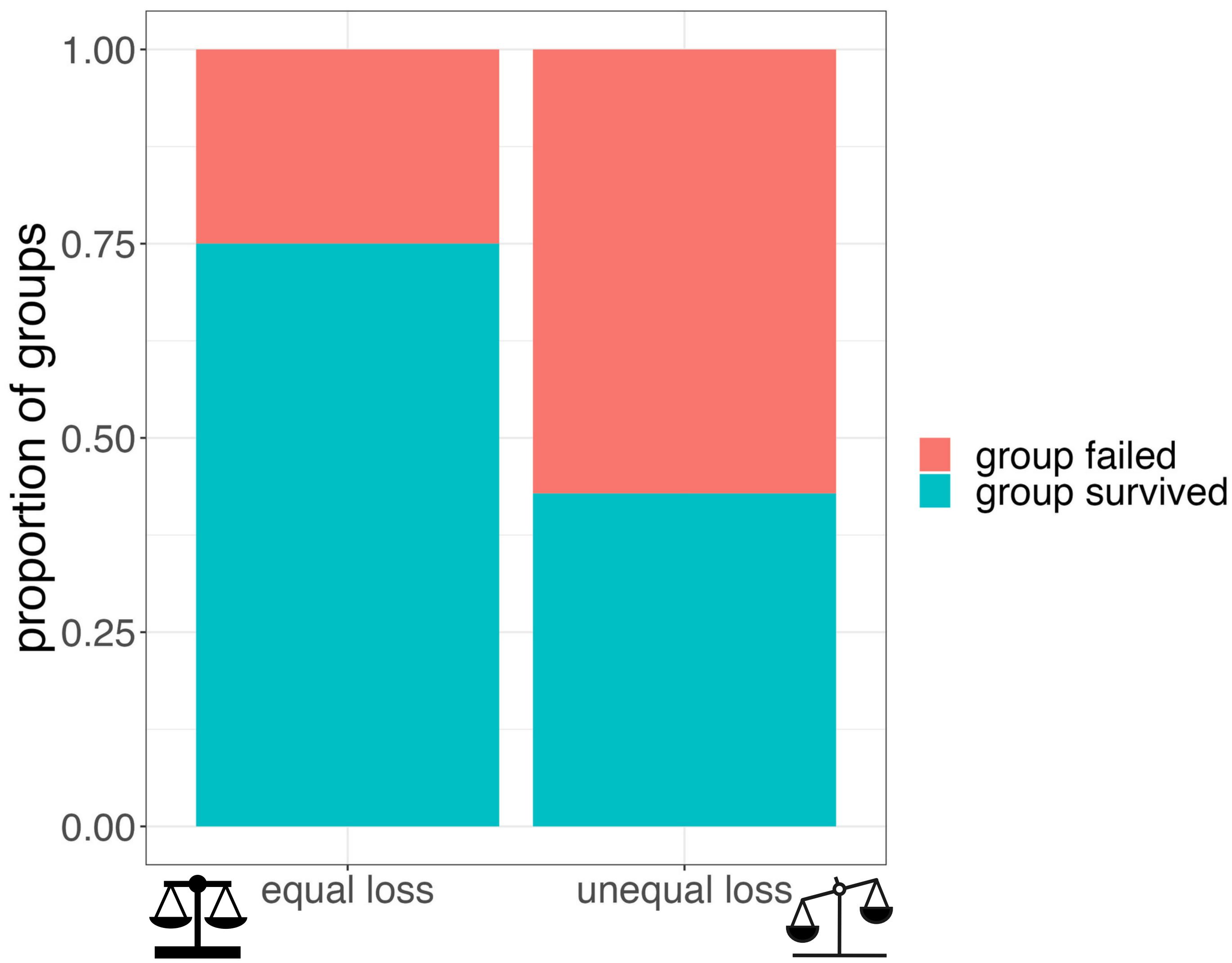
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3000
2430

3000
1500
150



3000
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2430

3000
1500<br



Final contribution of the group

10000

8000

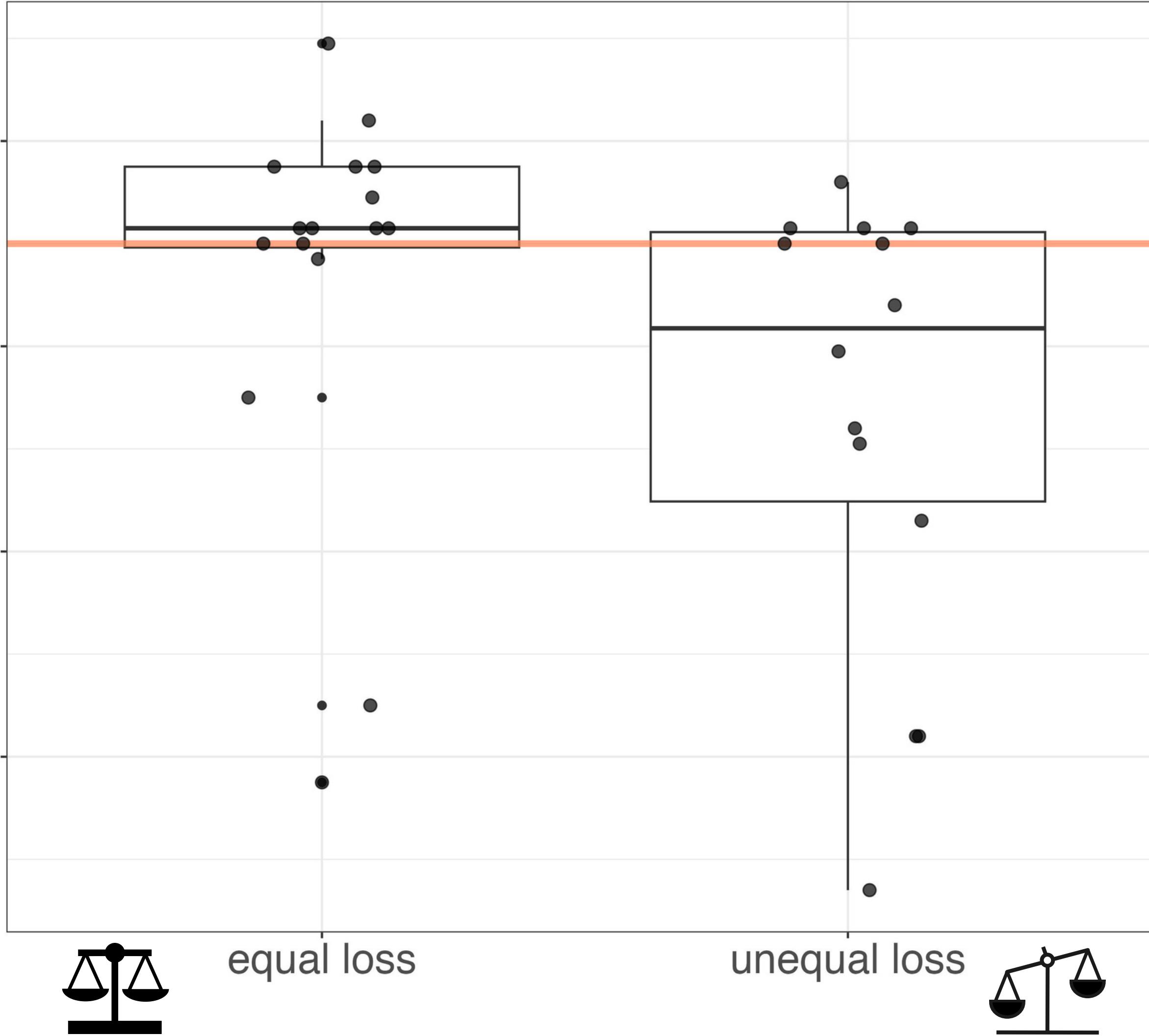
6000

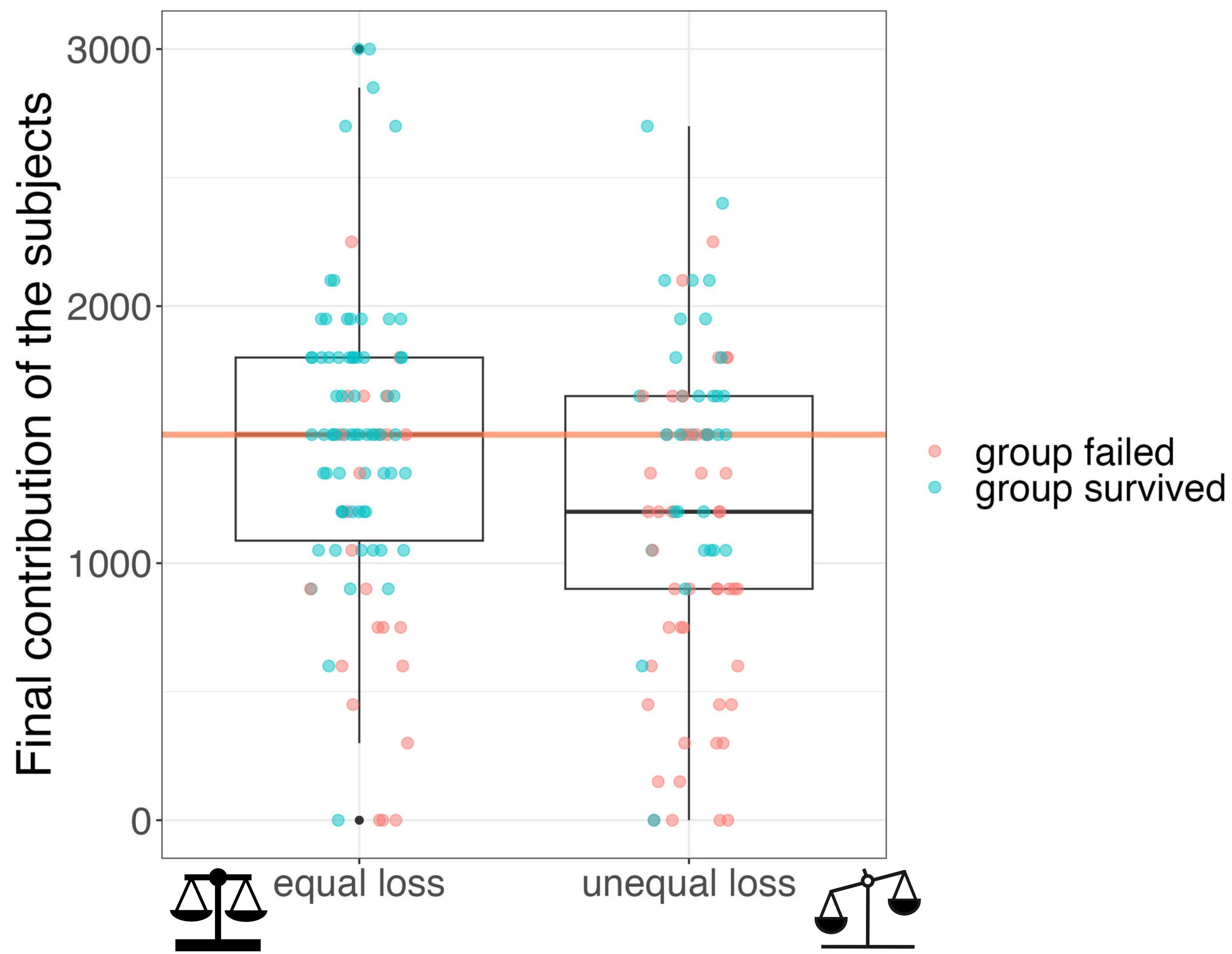
4000



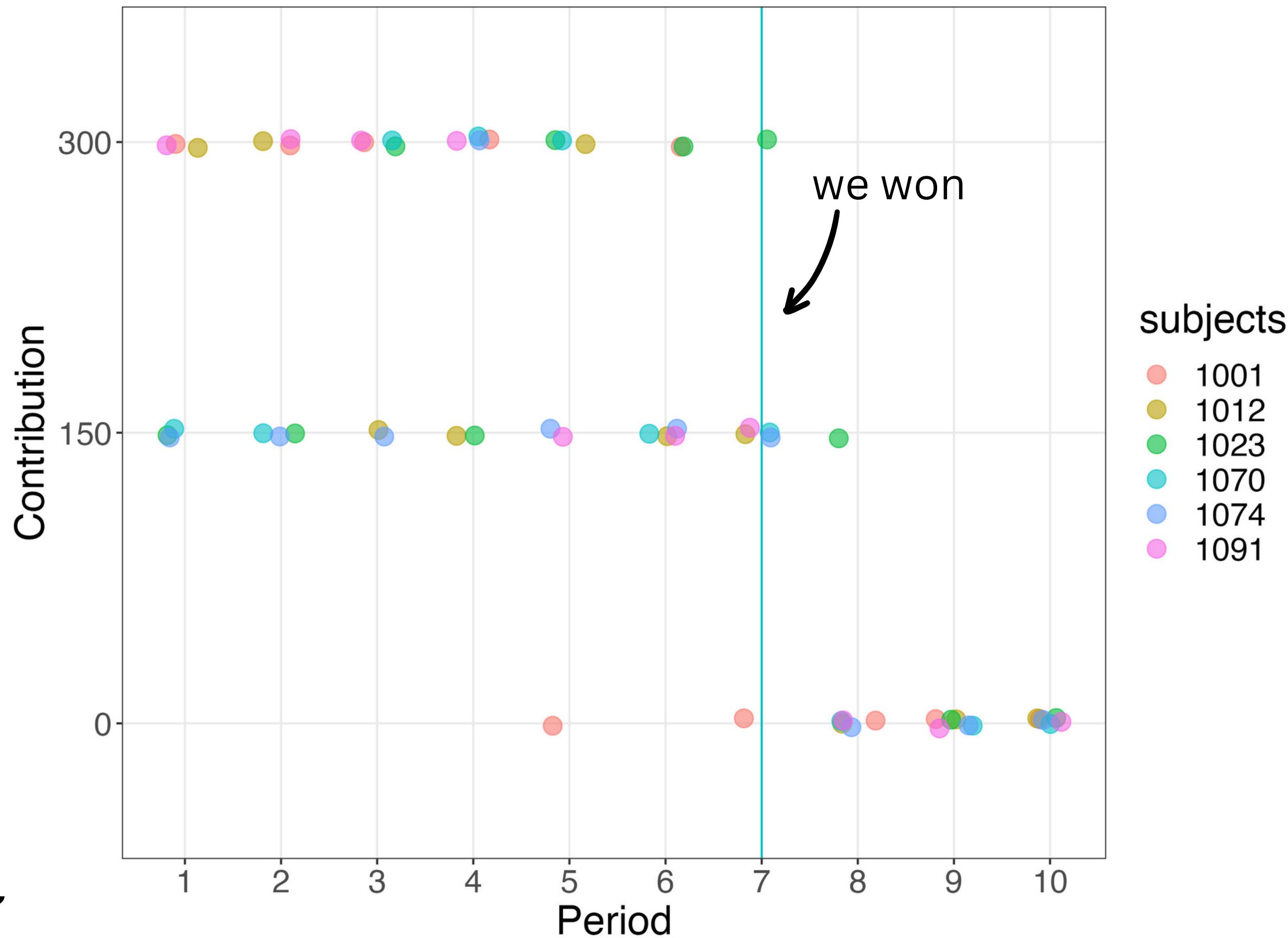
equal loss

unequal loss

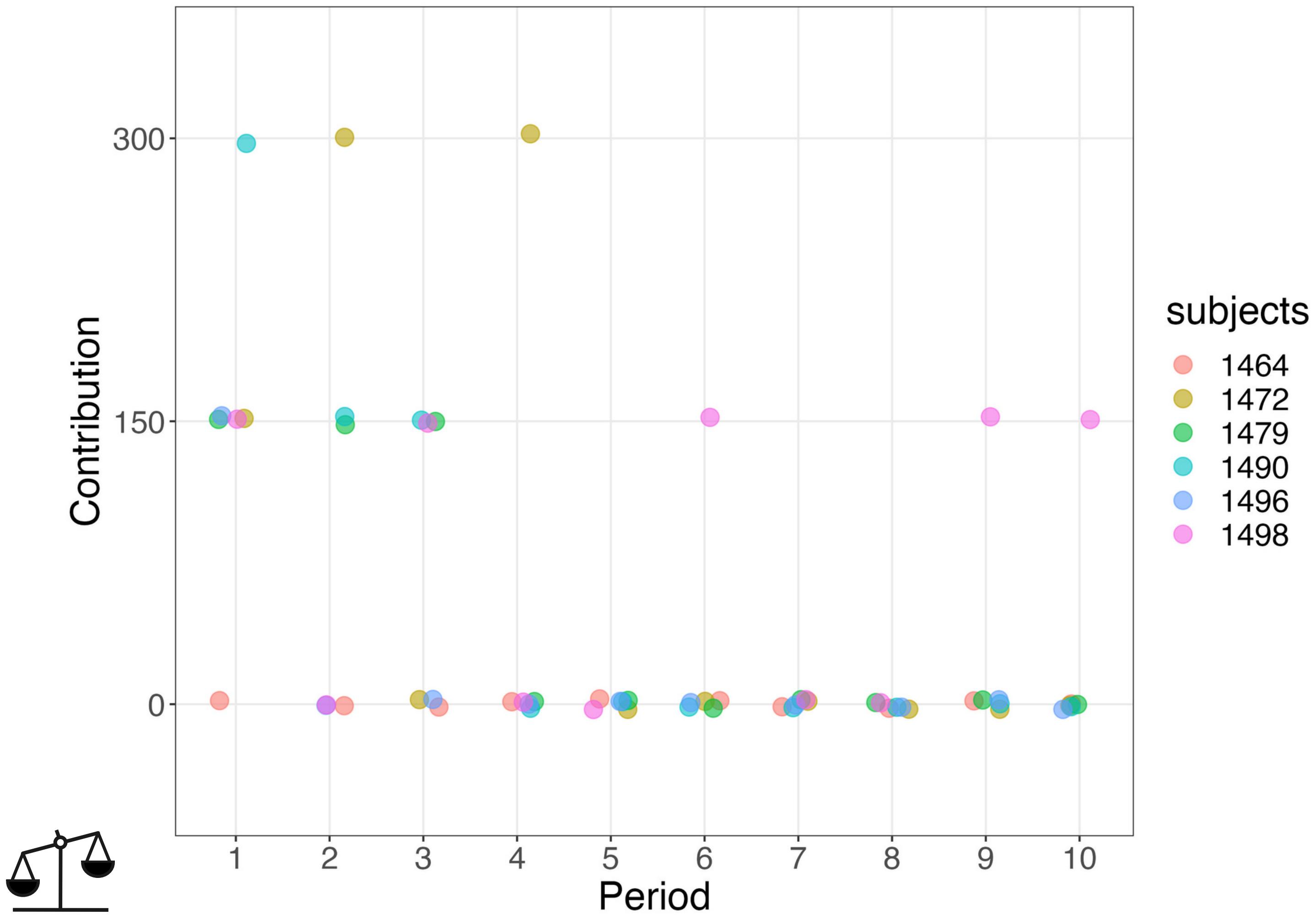




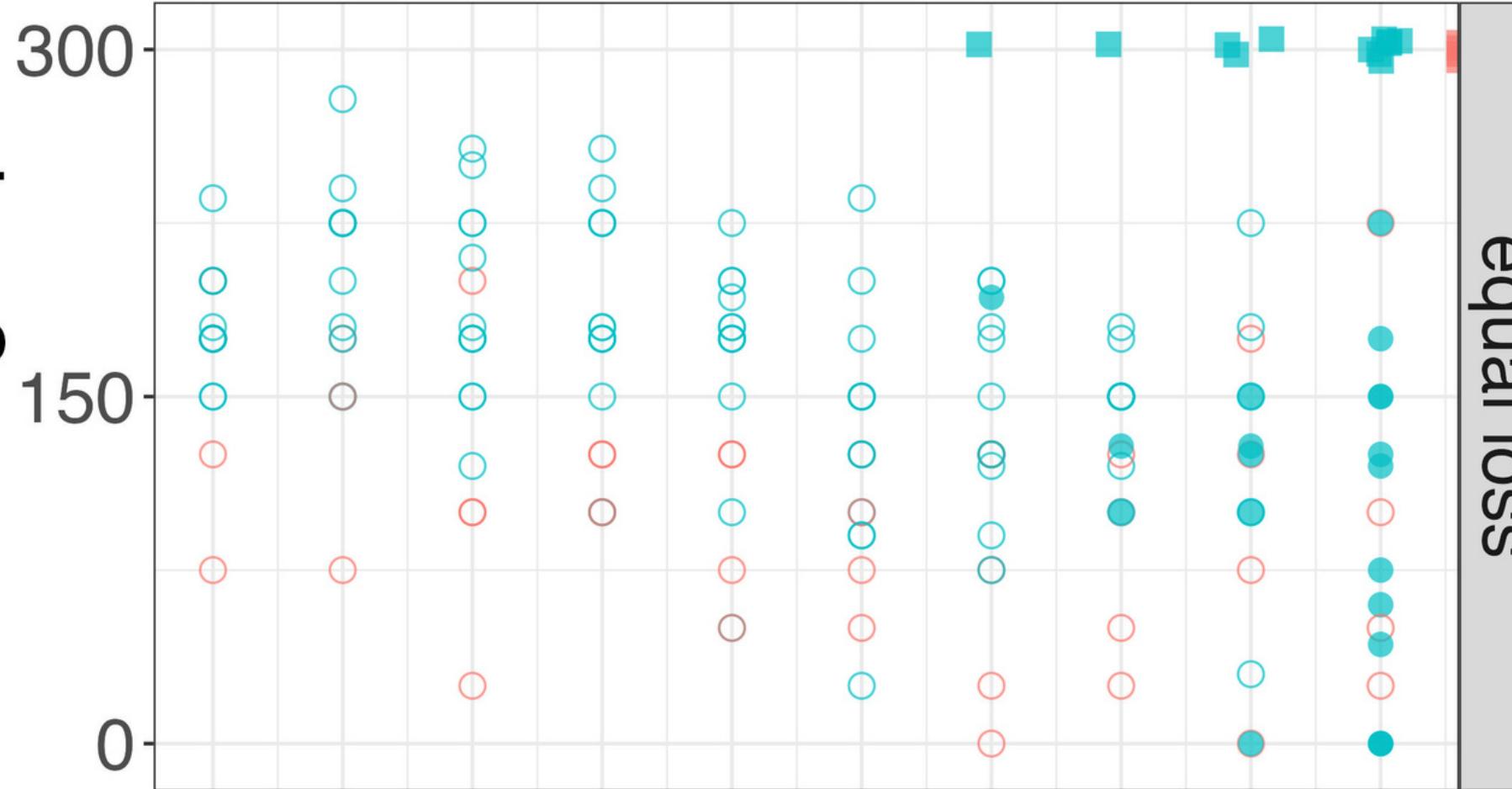
earned equal, group 221104_1421_0



earned unequal, group 230324_1212_1



Average contribution of the group

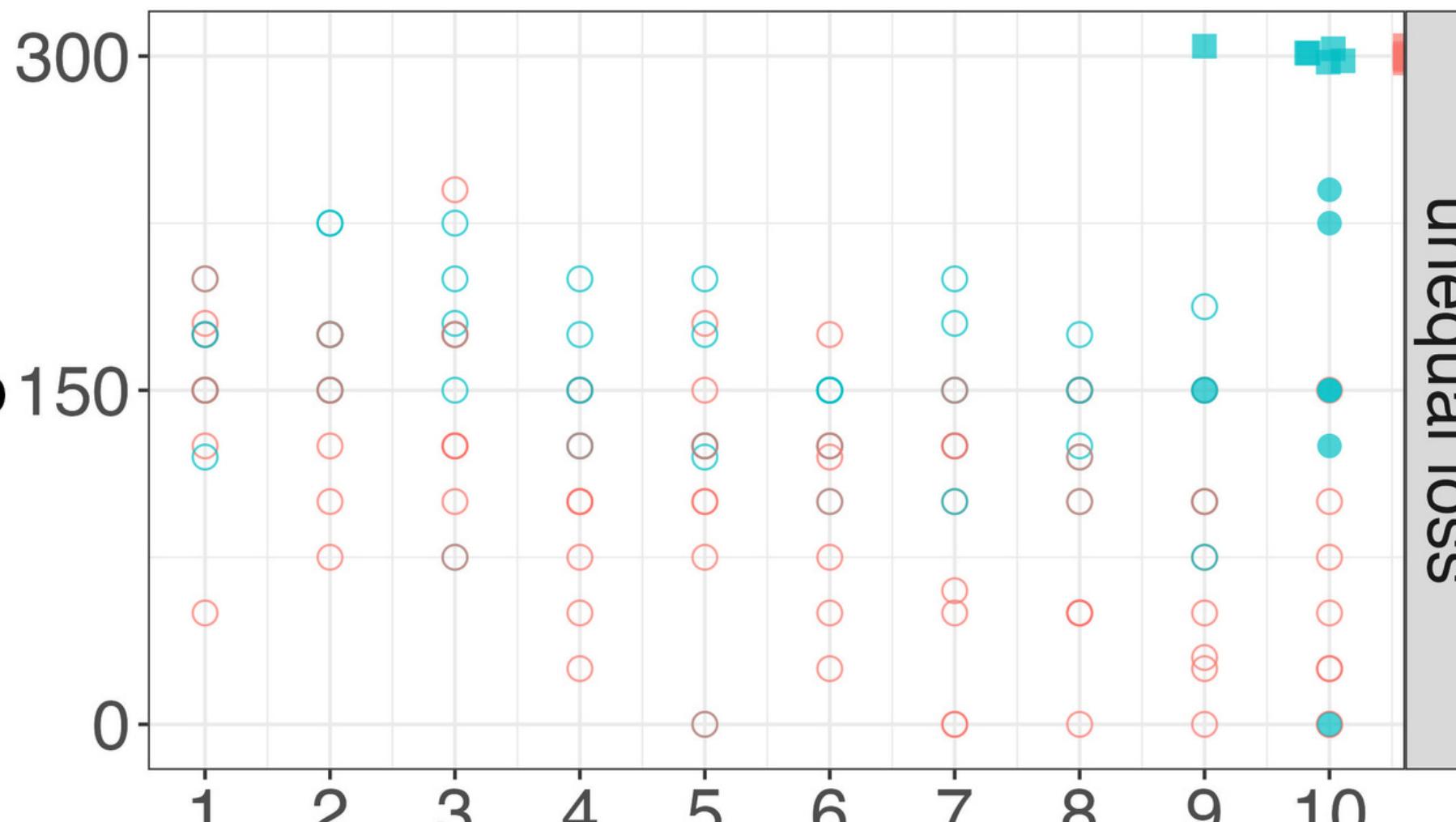


equal loss



- group failed
- group survived

Average contribution of the group



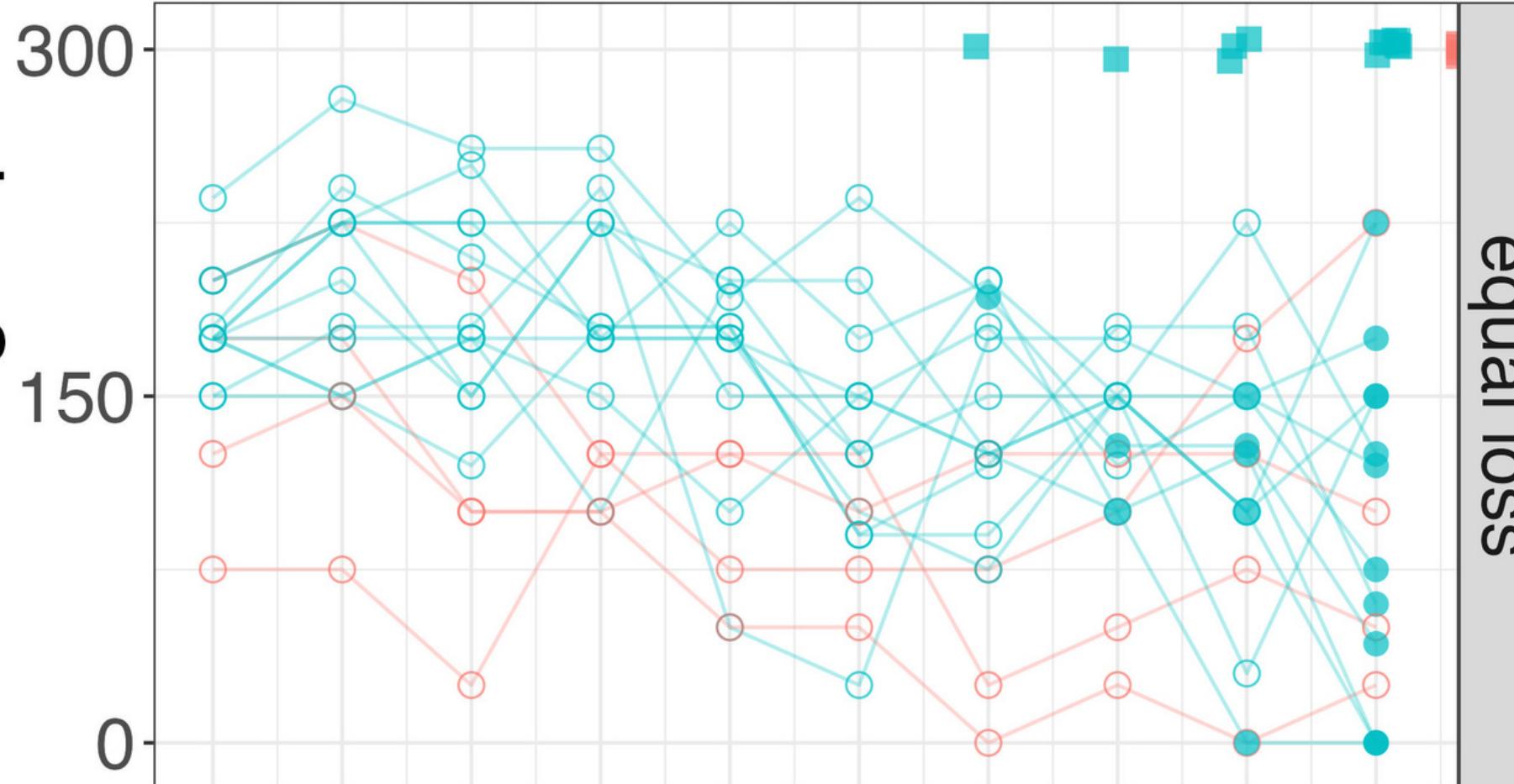
unequal loss



- not yet win

Period

Average contribution of the group

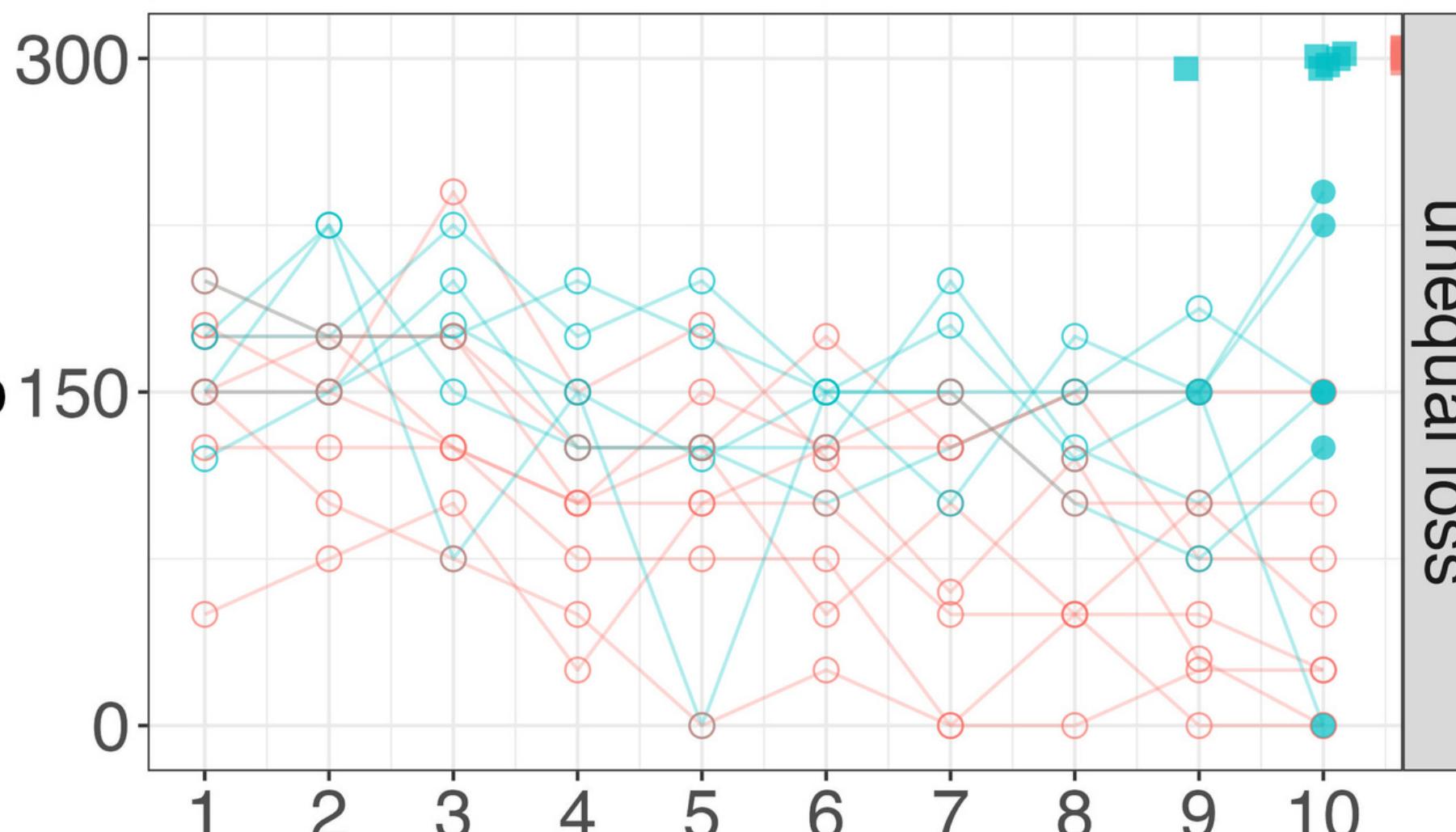


equal loss



- group failed
- group survived

Average contribution of the group



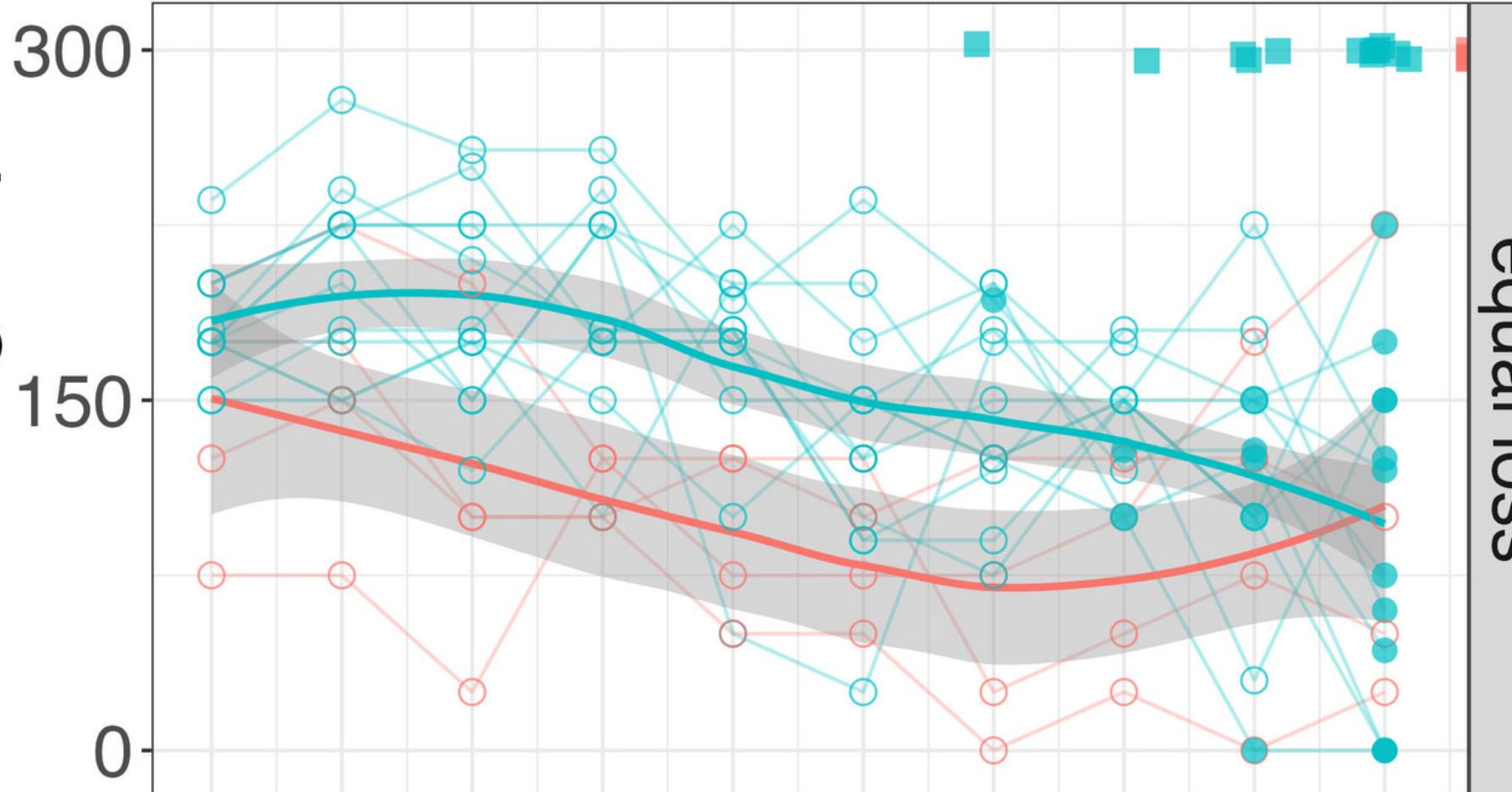
unequal loss



- not yet win

Period

Average contribution of the group



equal loss

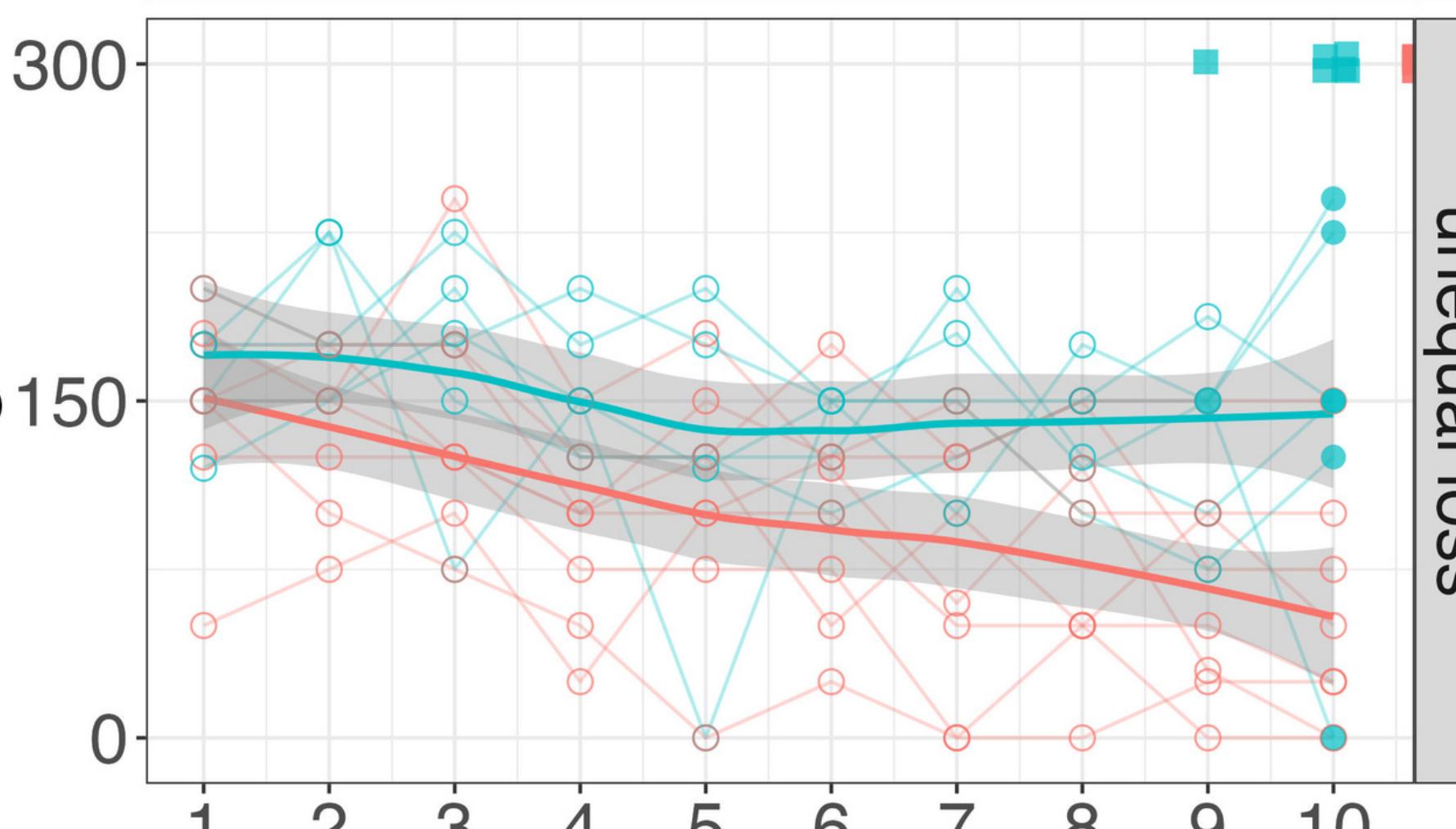


group failed
group survived

unequal loss



Average contribution of the group



Period

windfall money

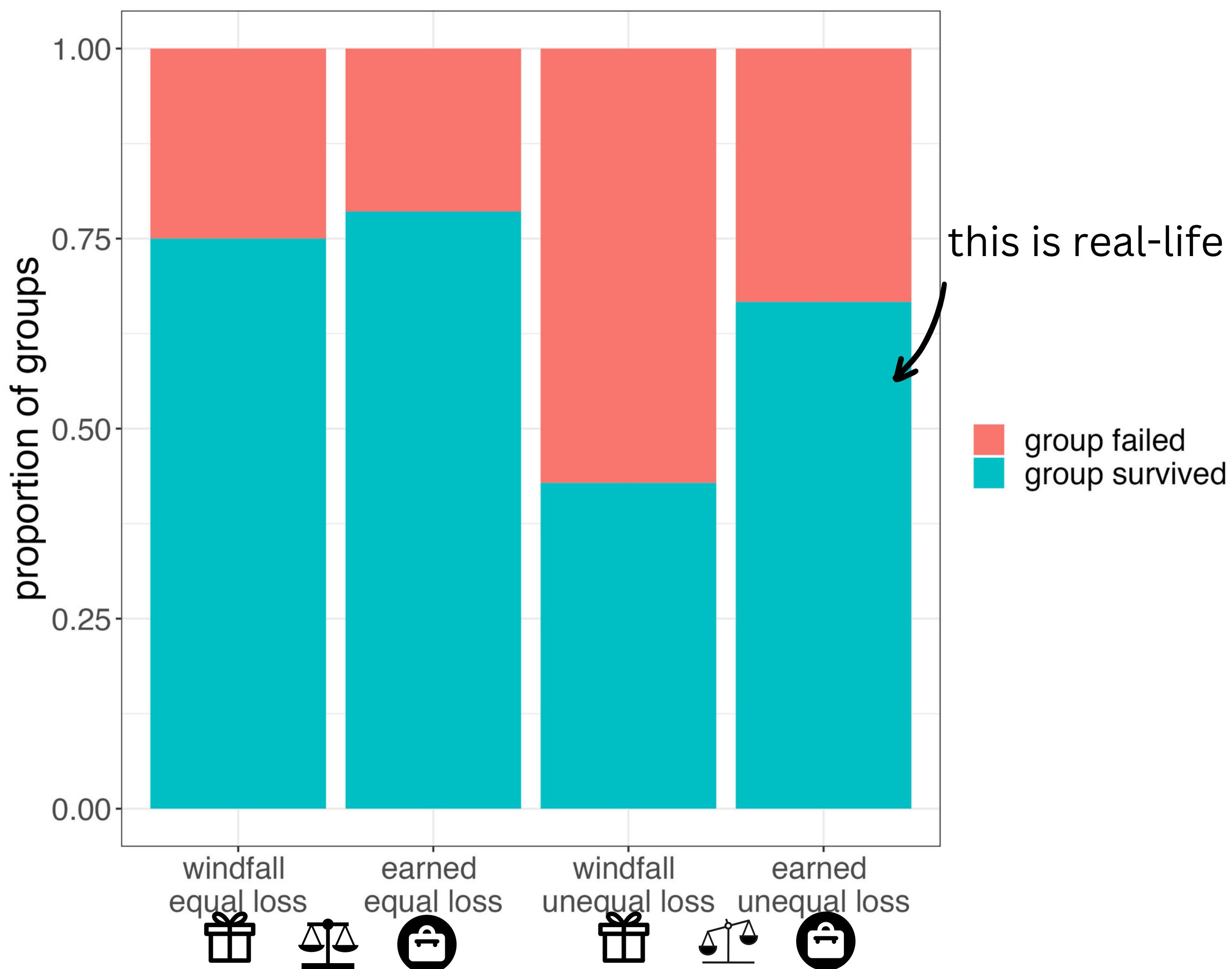
earned money

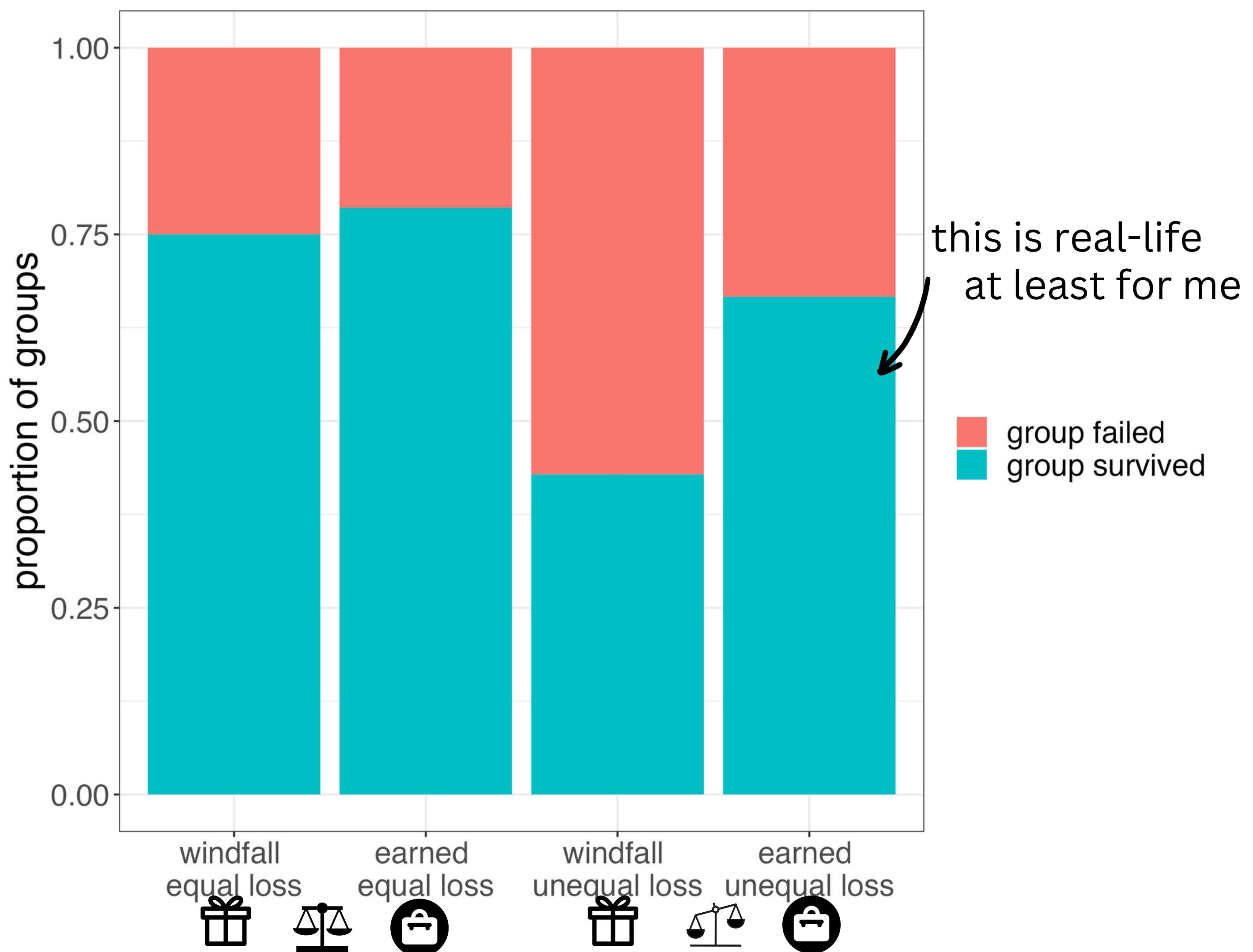
equal loss

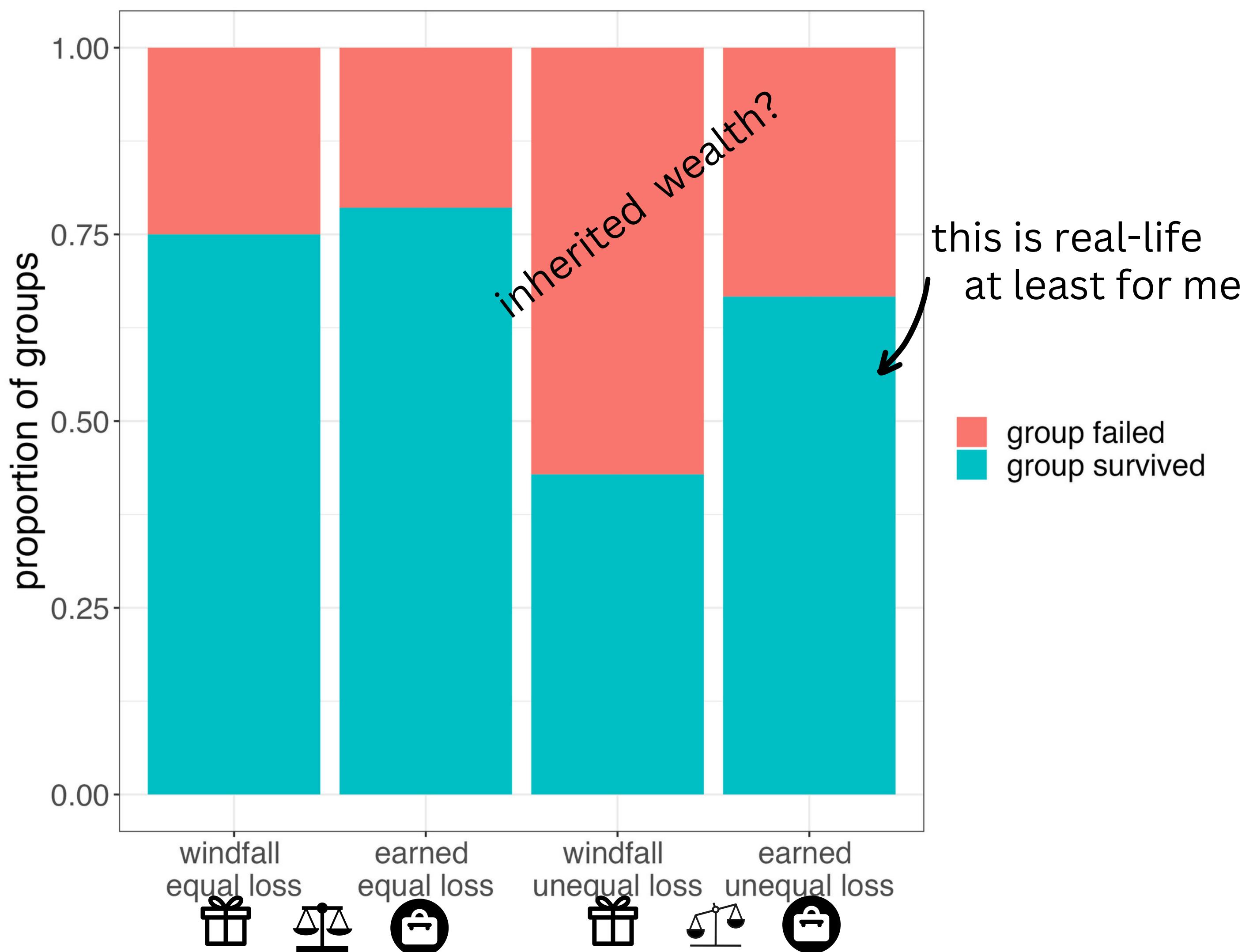


unequal loss









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THANK YOU

This is a preregistered study because we believe in open science.

<https://osf.io/rhky4/>

