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Hubert J. Kiss
Zsoka Vasarhelyi
Istvan Scheuring

# SOLVING CLIMATE CRISIS

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

we are not doomed

we are not doomed equally

we are not doomed equally

first impression -> trust

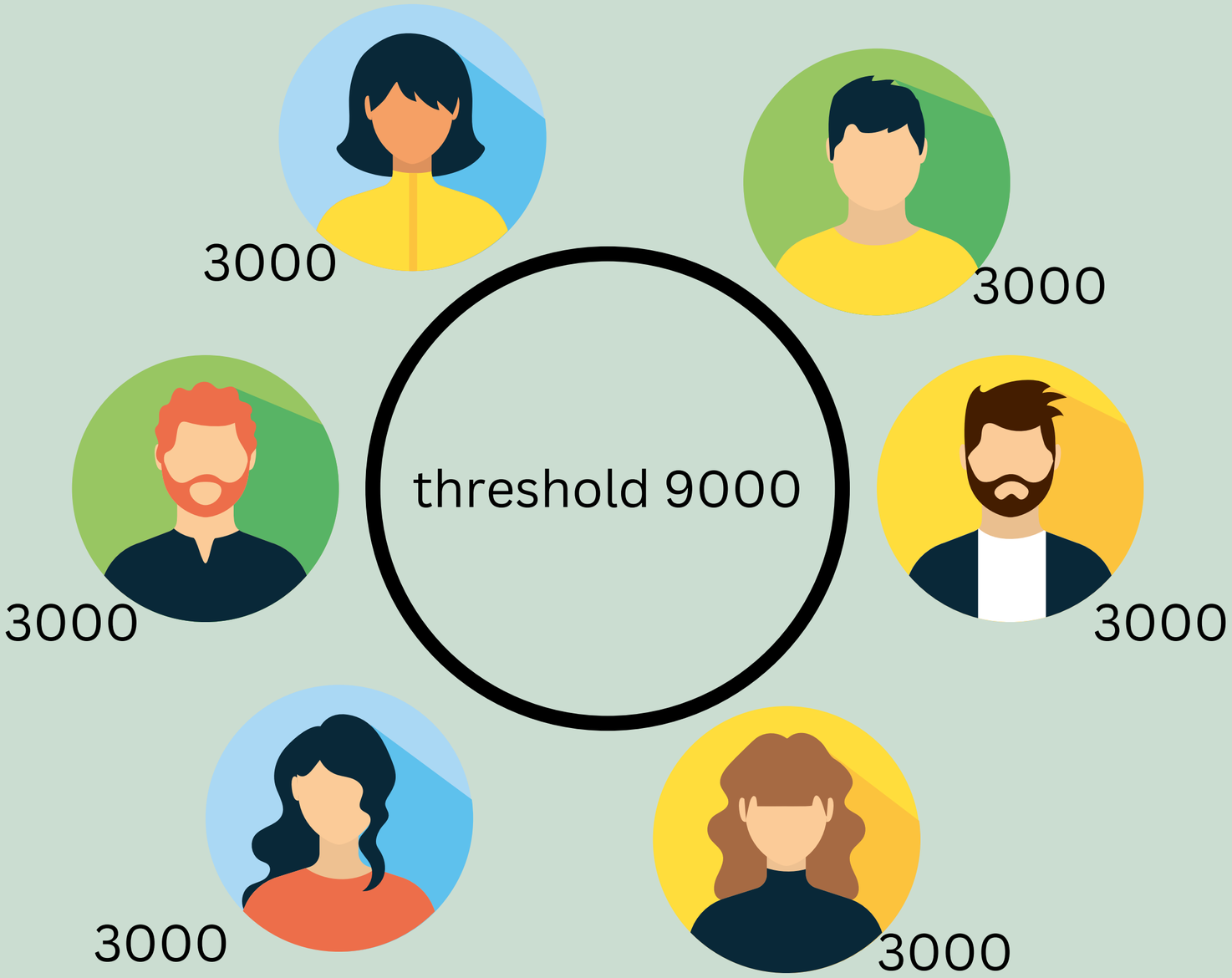
~~summer~~ february

# social dilemma

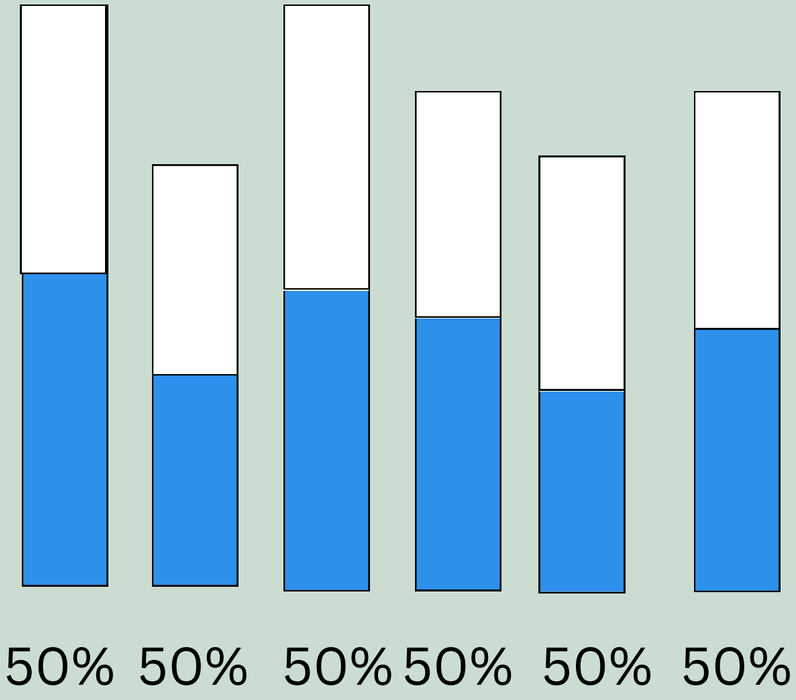
# threshold public good game climate game

10 round

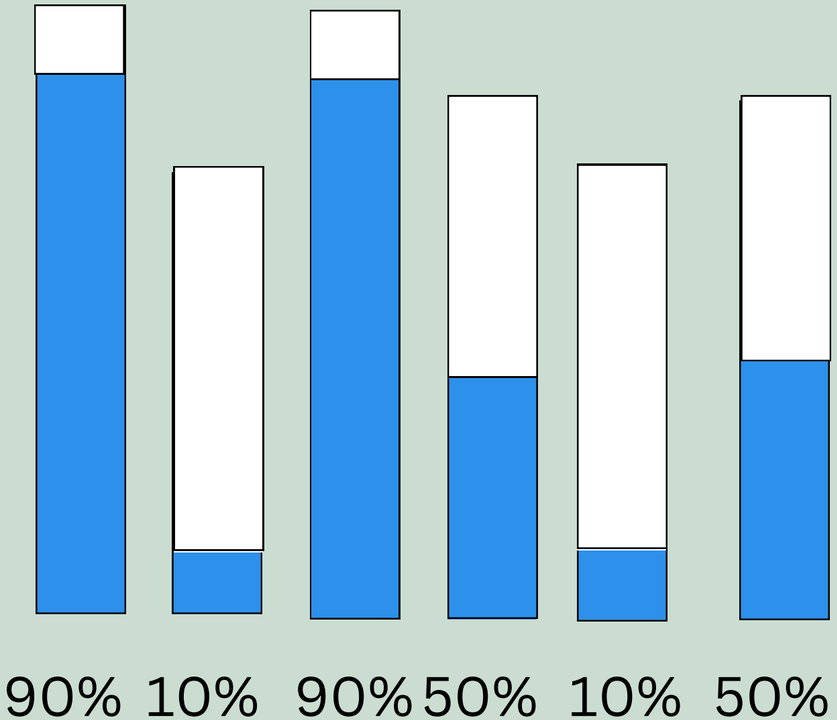
0, 150, 300



## equal loss

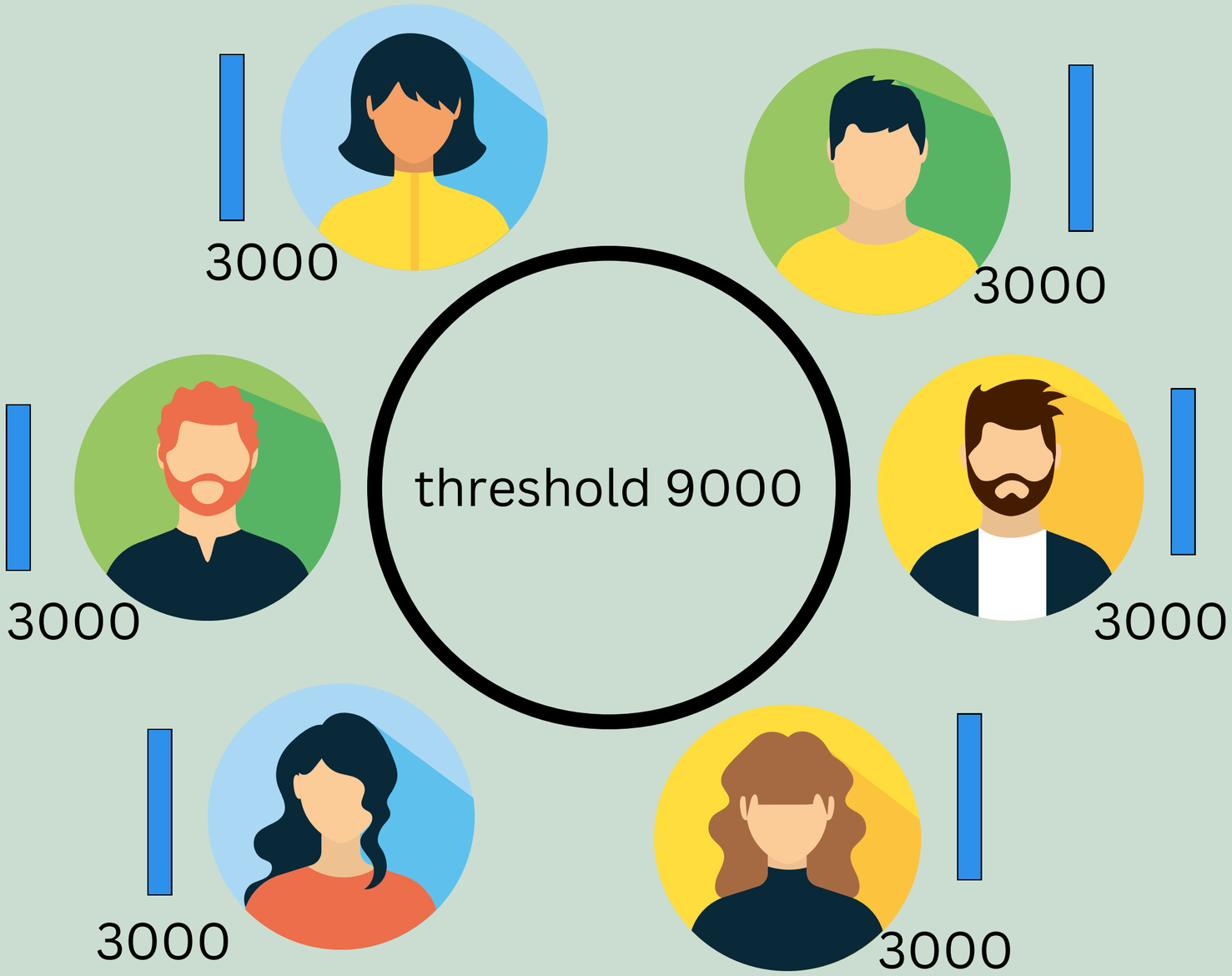



## unequal loss



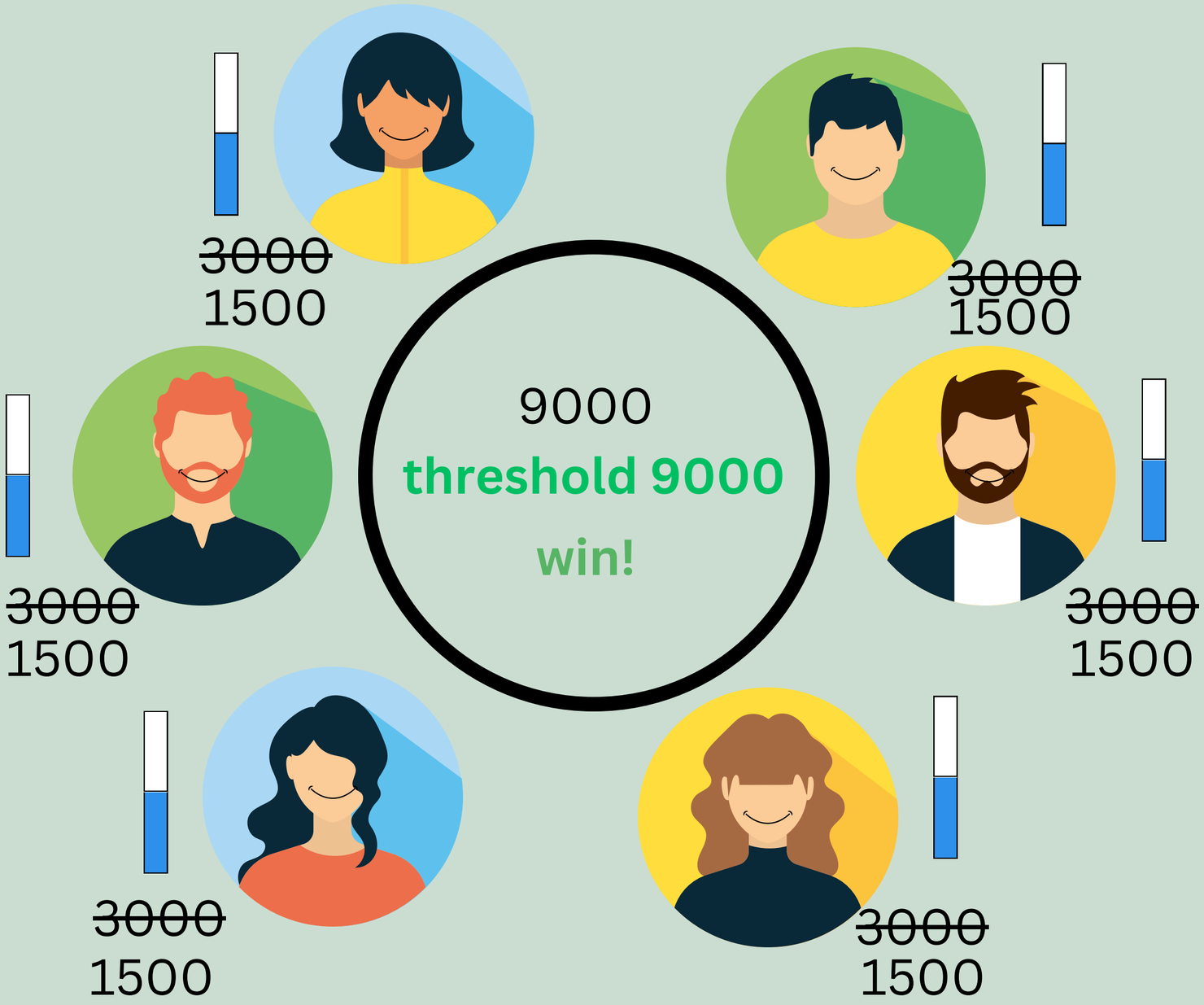
10 round

0, 150, 300



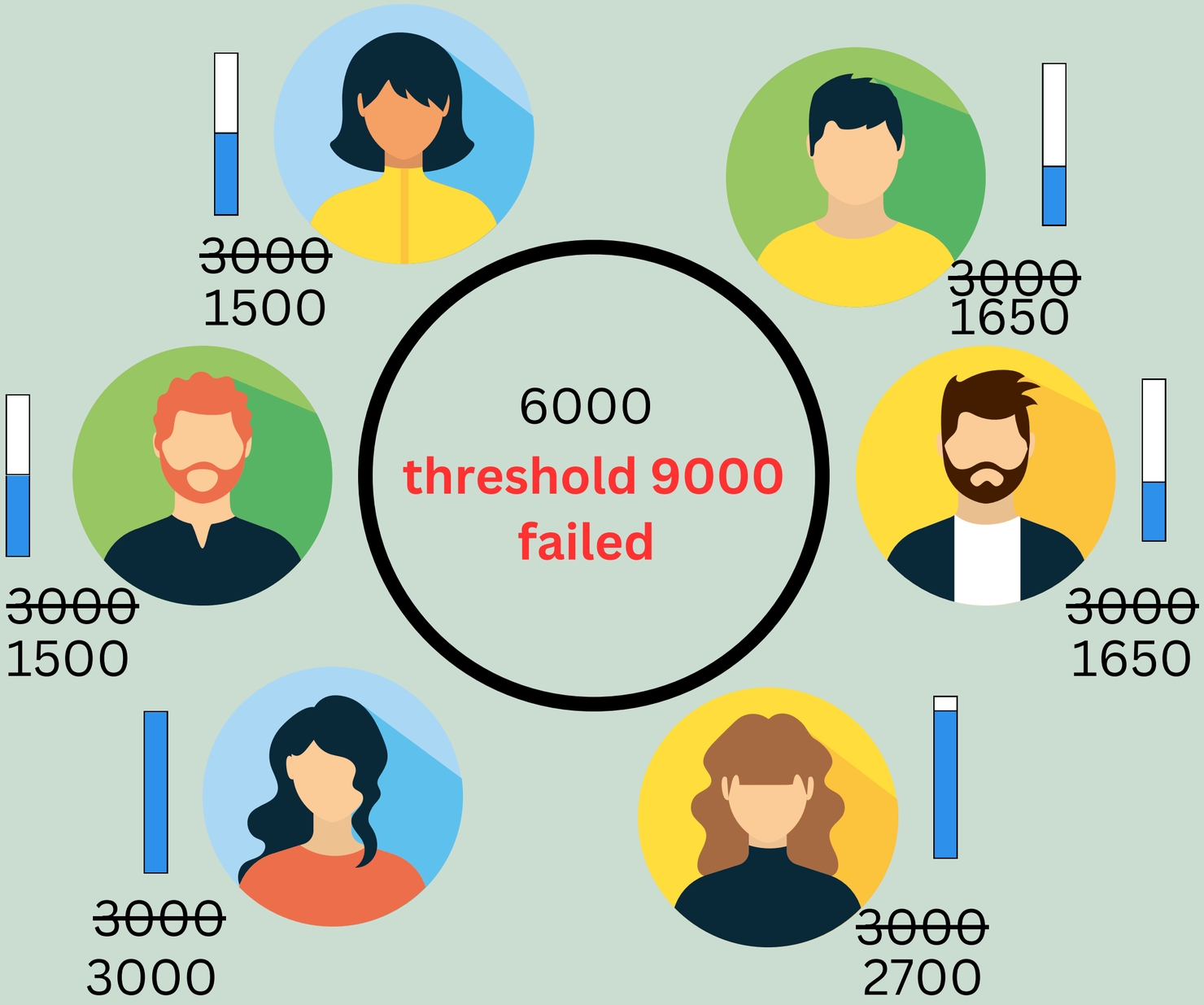
10 round

0, 150, 300



10 round

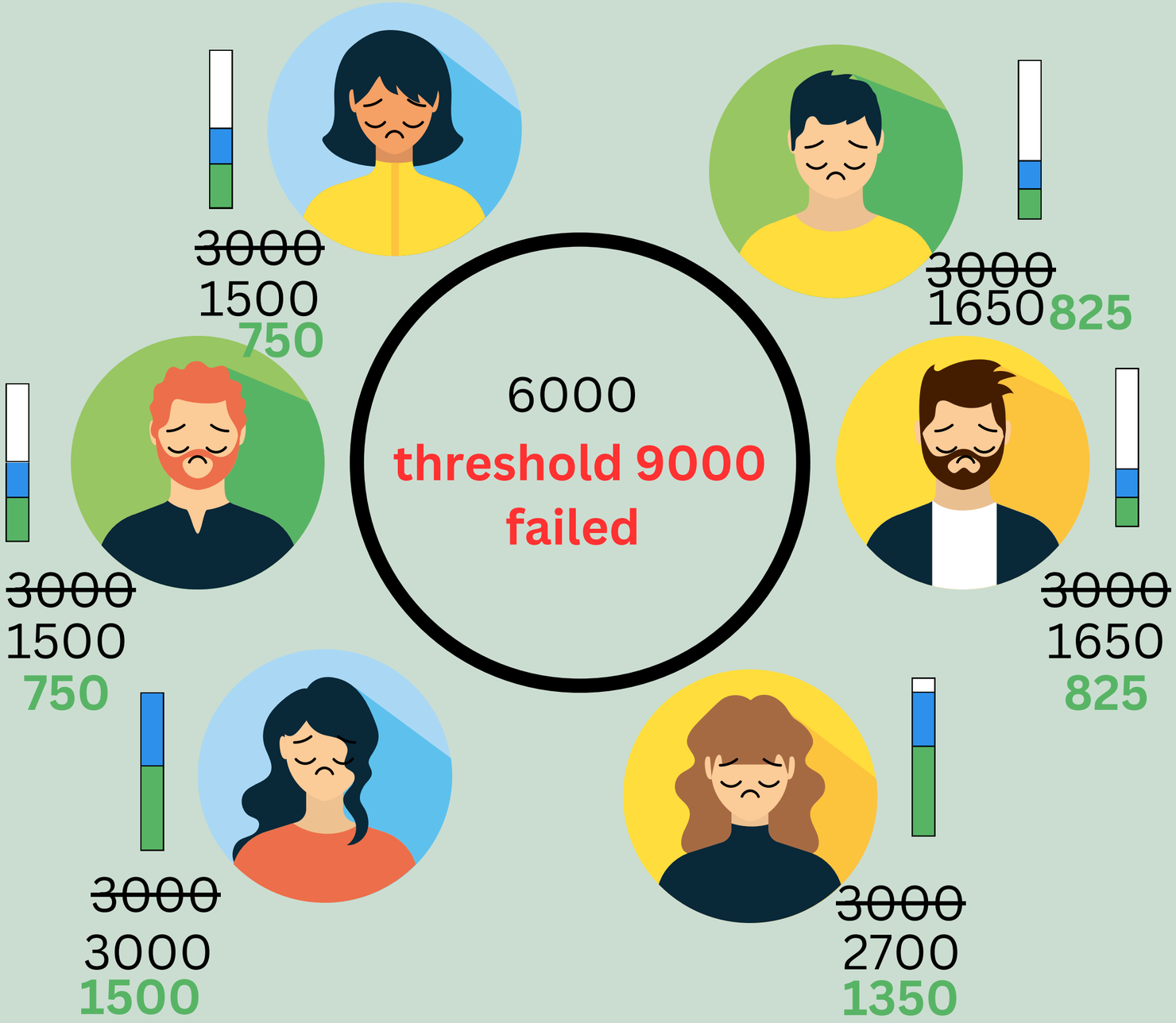
0, 150, 300



10 round

0, 150, 300

50%



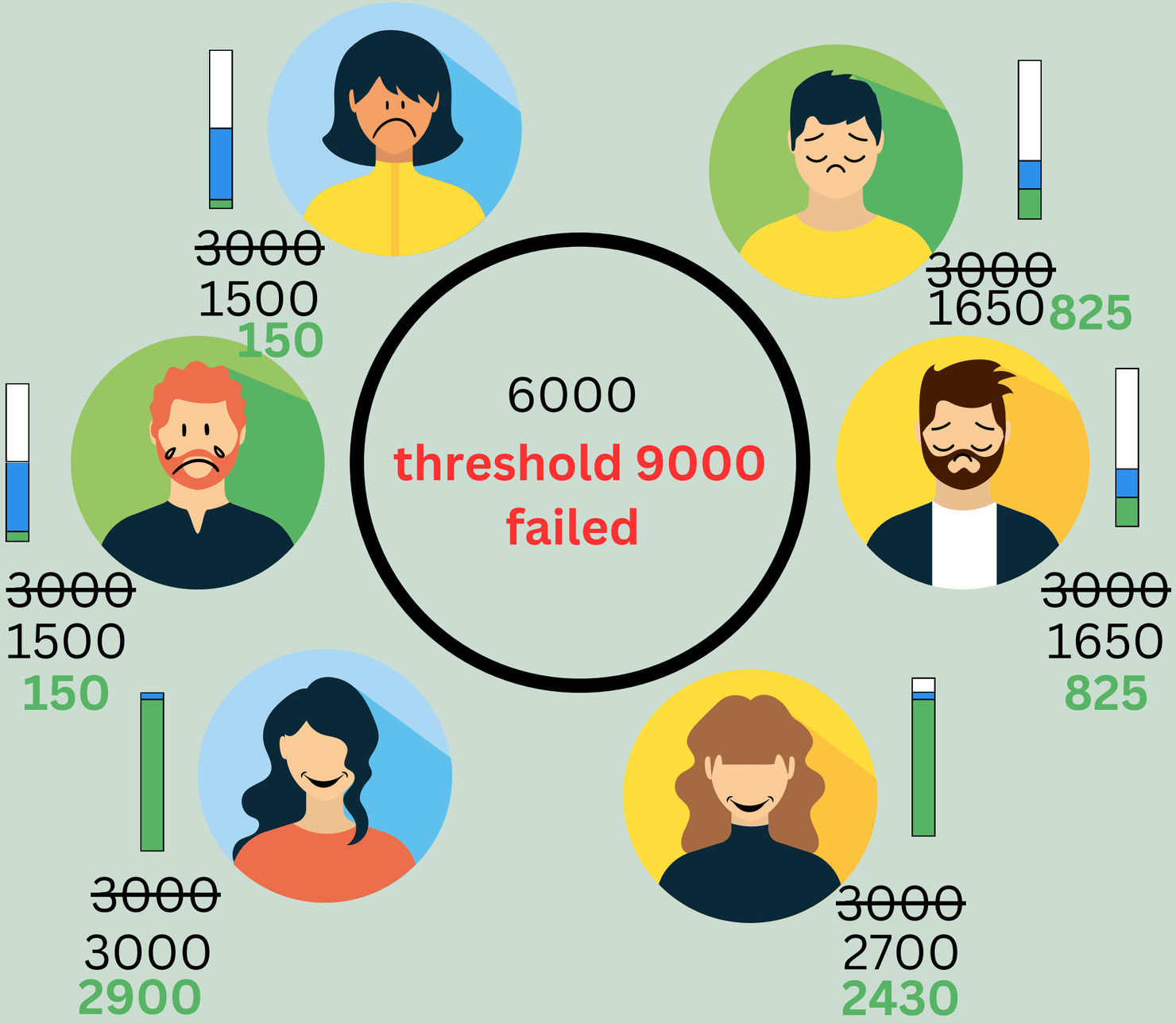
10 round

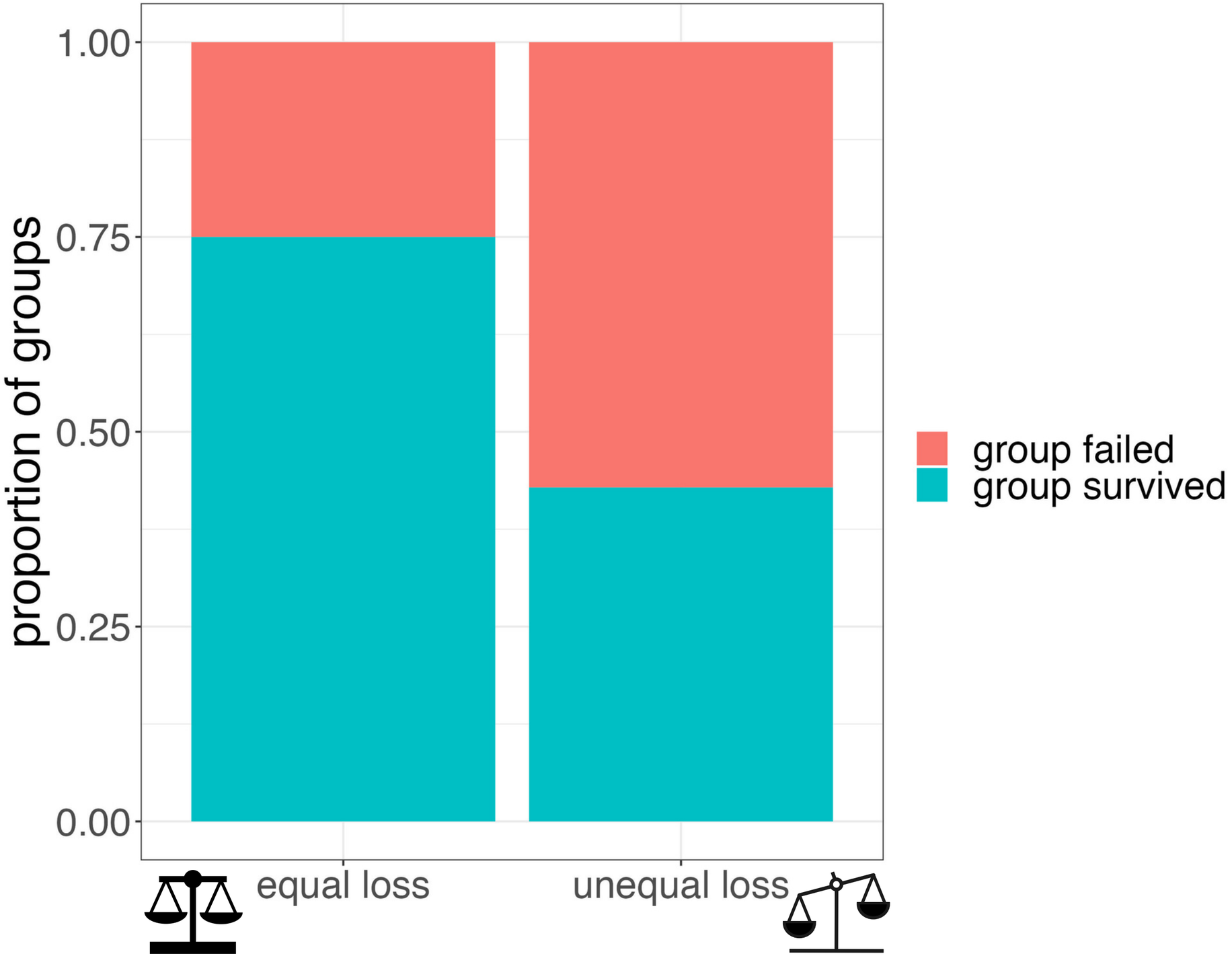
0, 150, 300

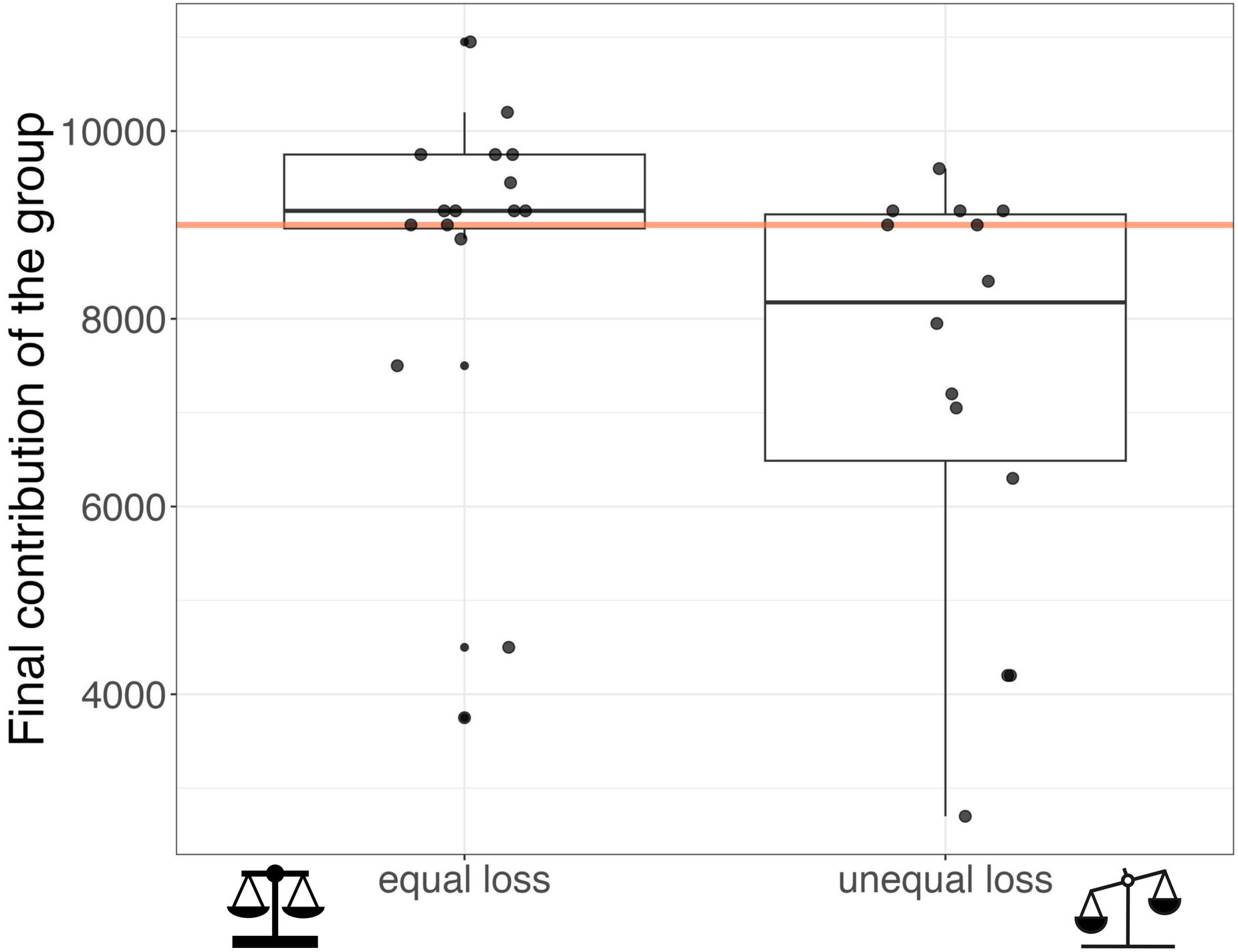
10%

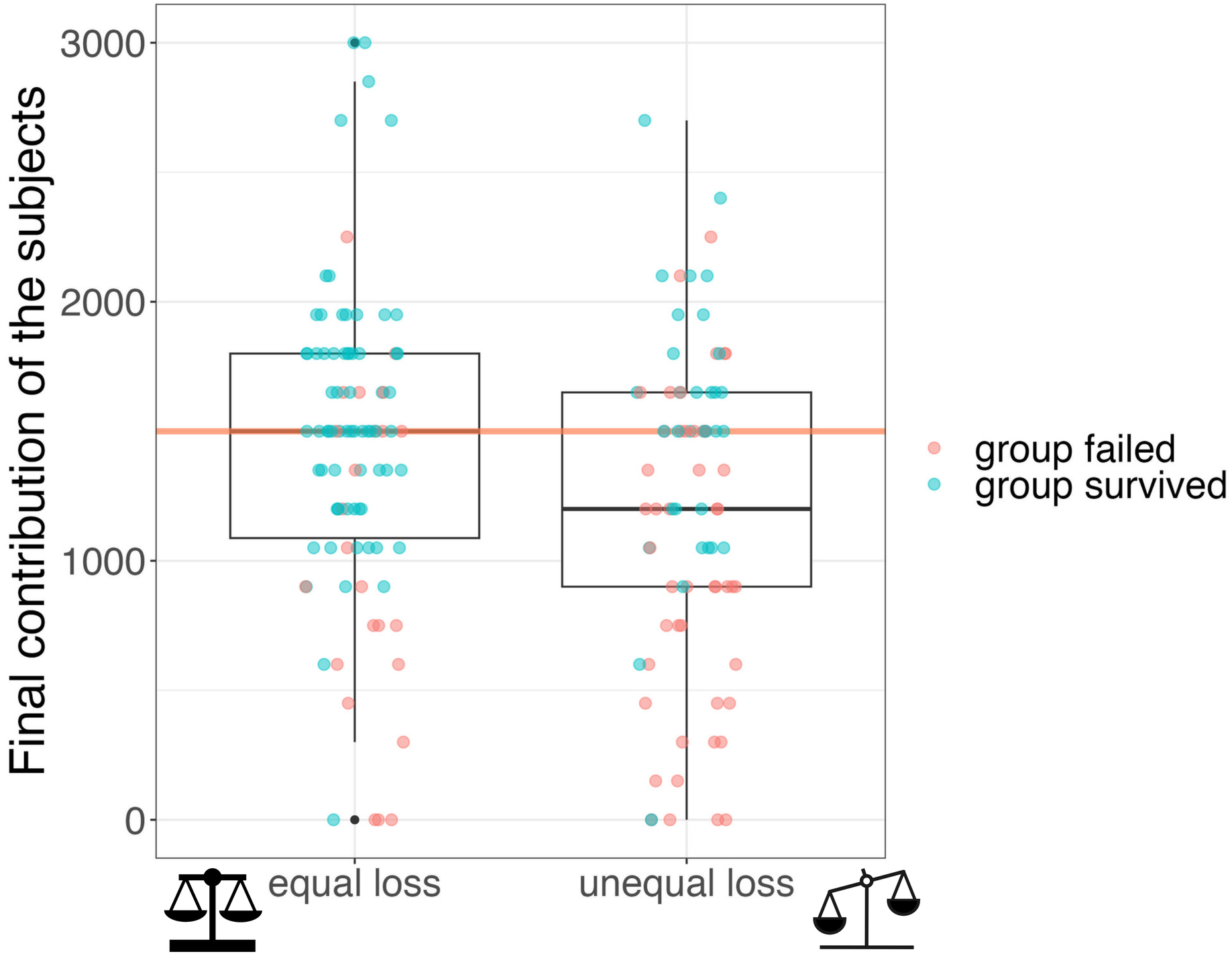
50%

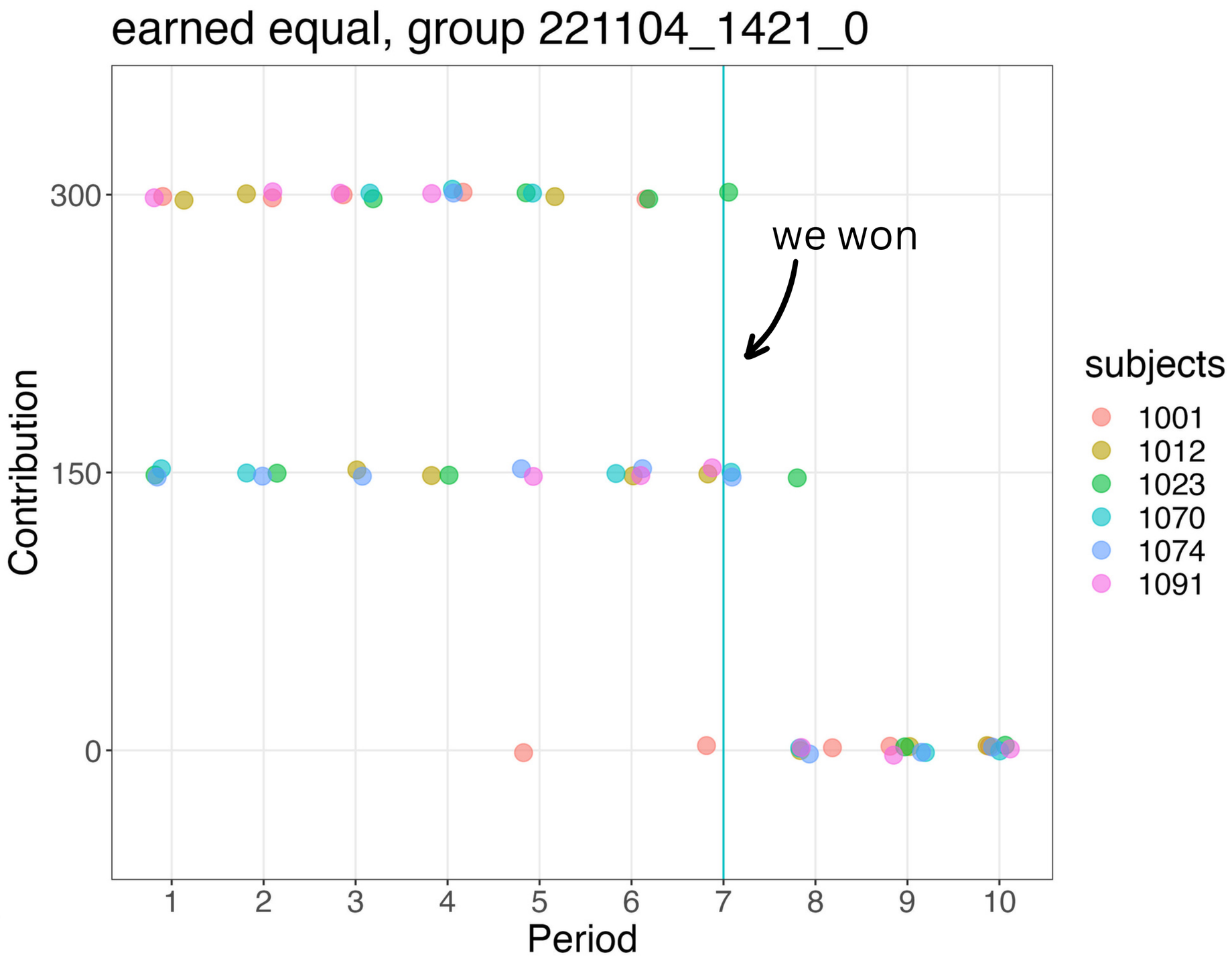
90%

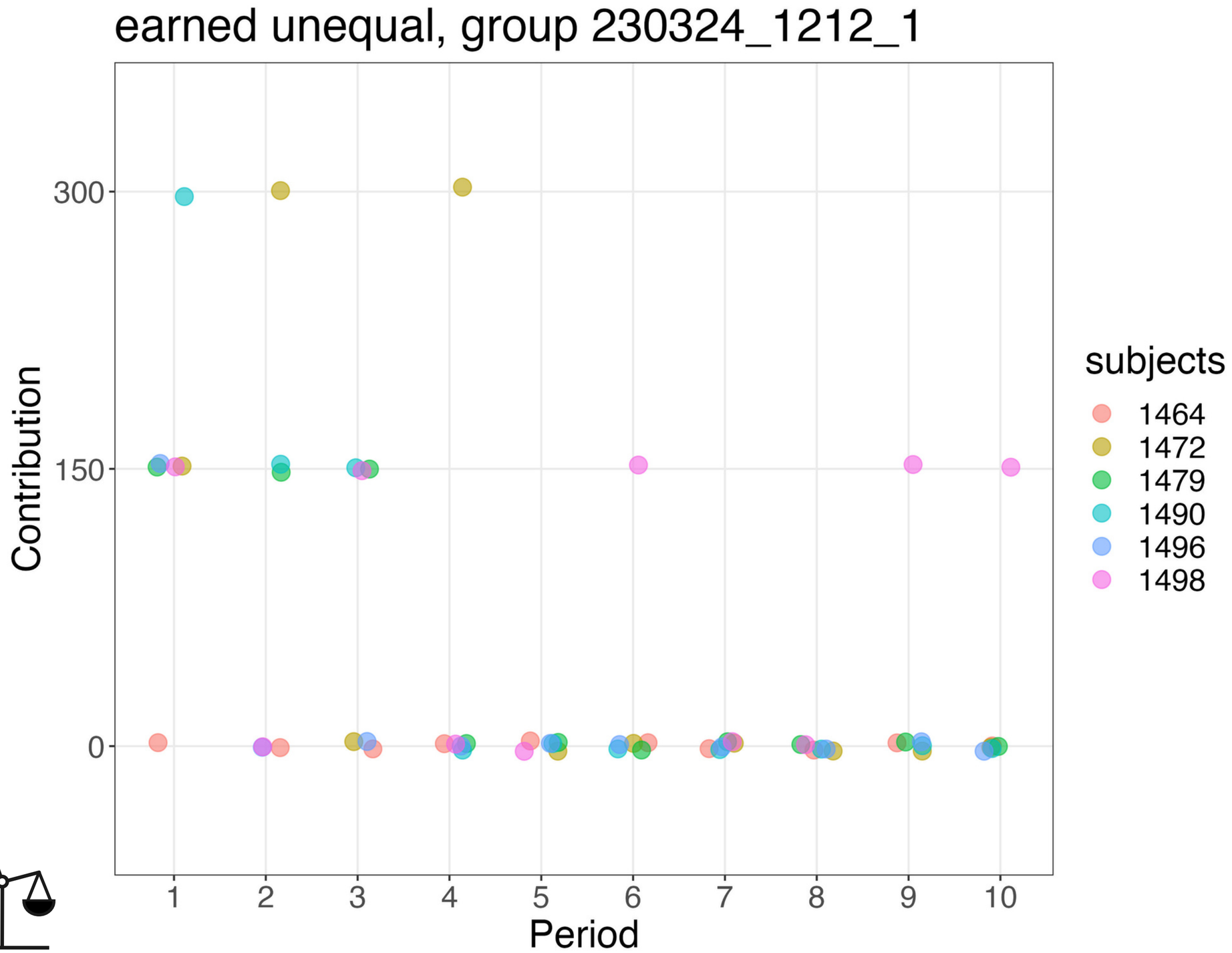


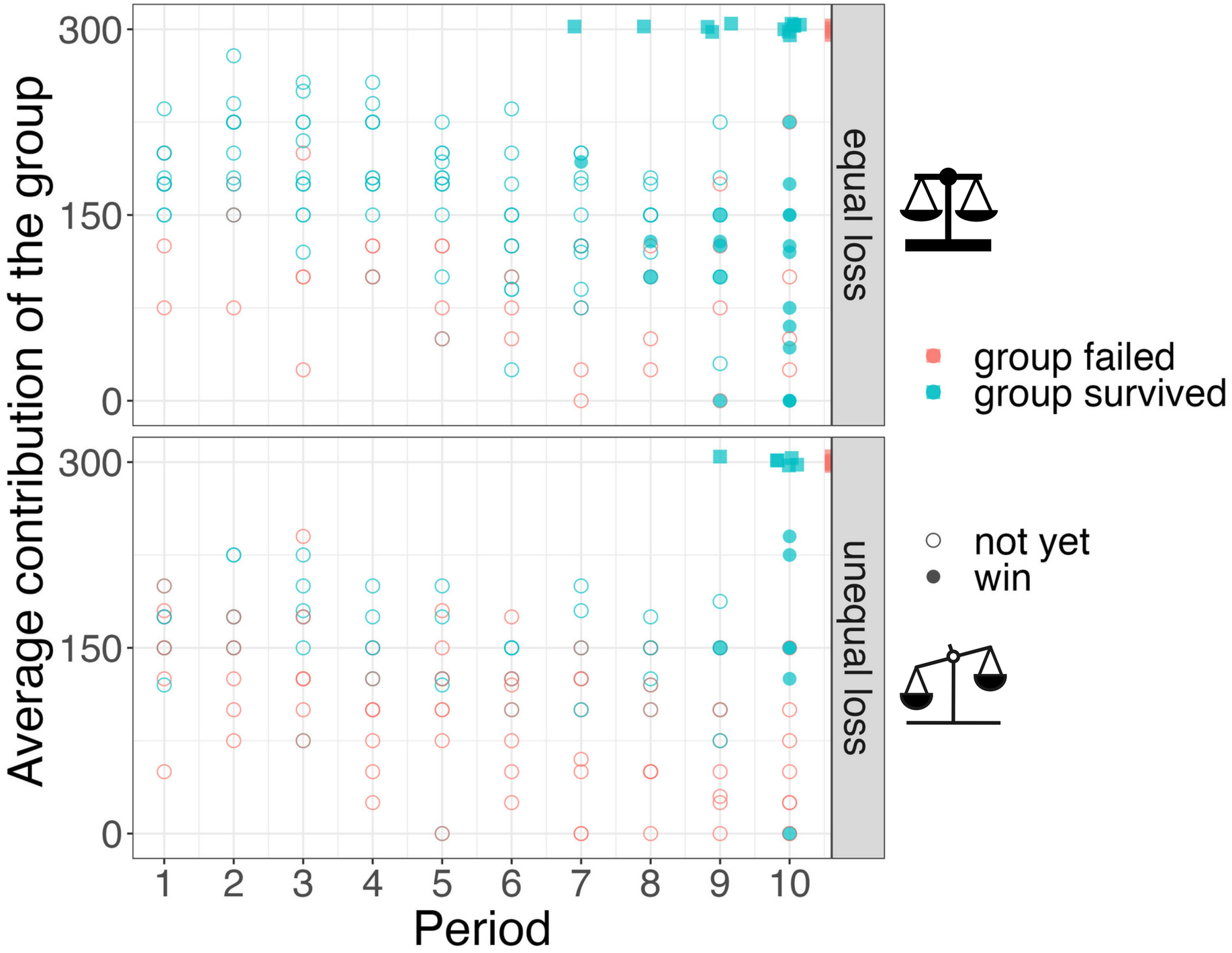

1.00
0.75
0.50
0.25
0.00
proportion of groups
equal loss
unequal loss
group failed
group survived

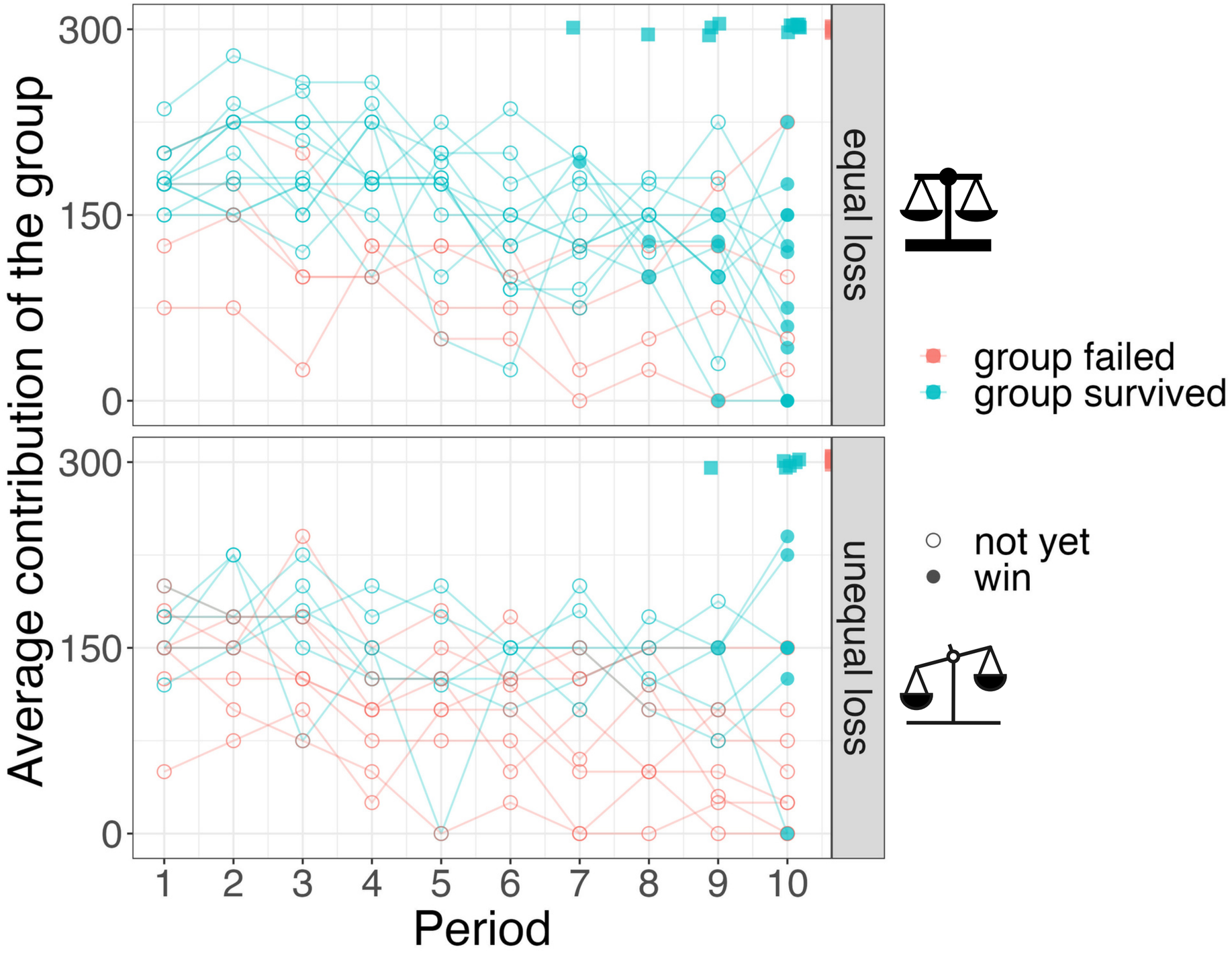

Final contribution of the group
10000
8000
6000
4000
equal loss
unequal loss

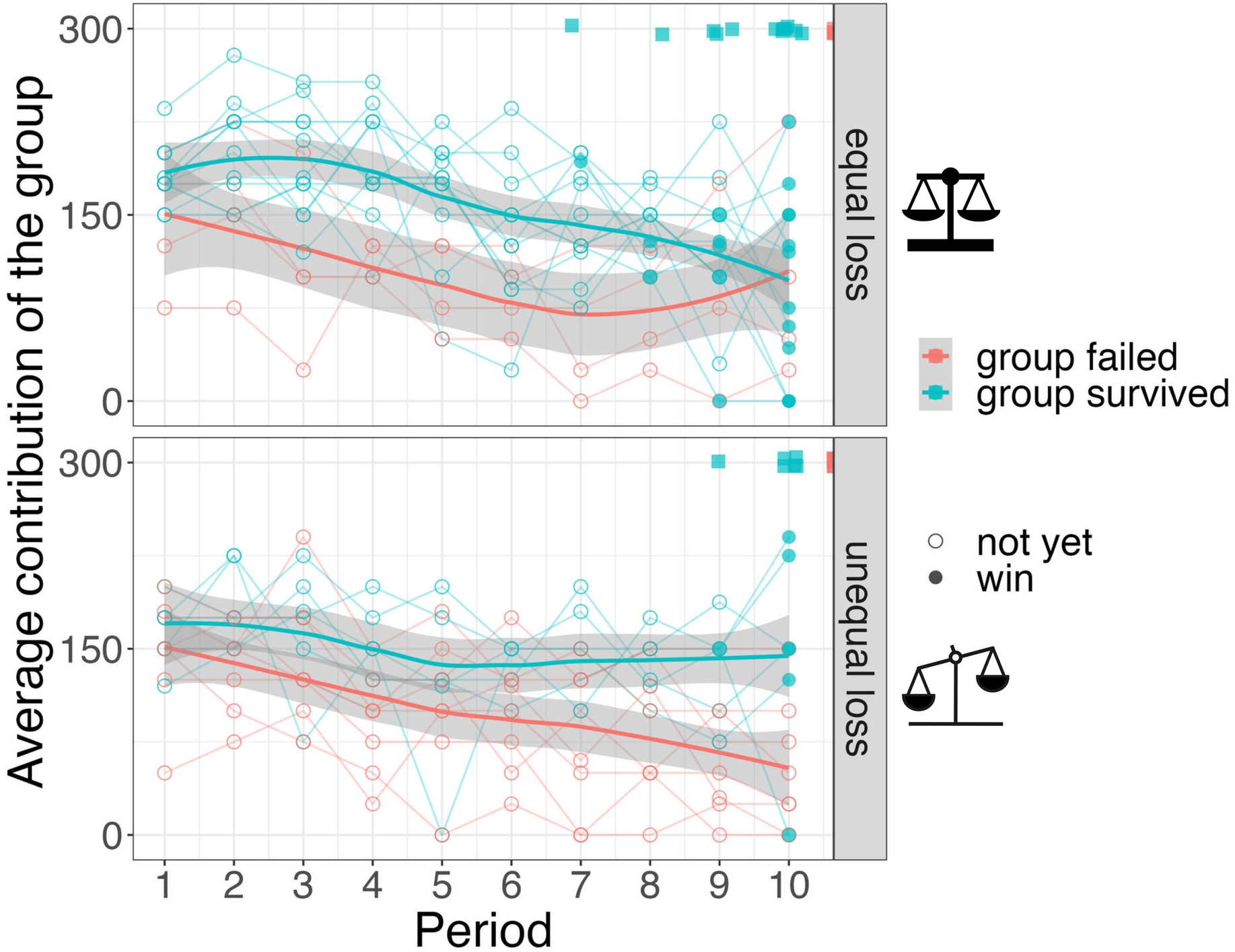

Final contribution of the subjects
3000
2000
1000
0
equal loss
unequal loss
group failed
group survived

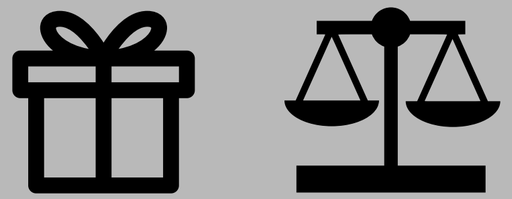
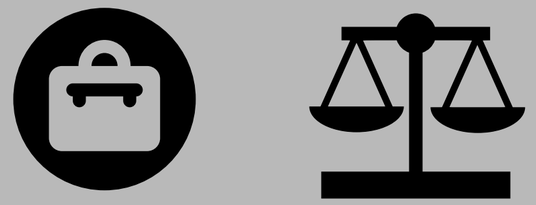
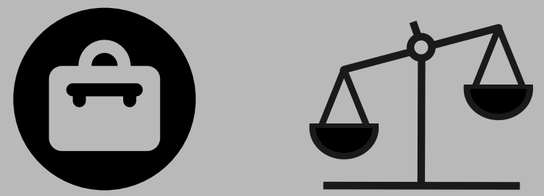

earned equal, group 221104_1421_0
we won
Contribution
300
150
0
1
2
3
4
5
6
7
8
9
10
Period
subjects
1001
1012
1023
1070
1074
1091

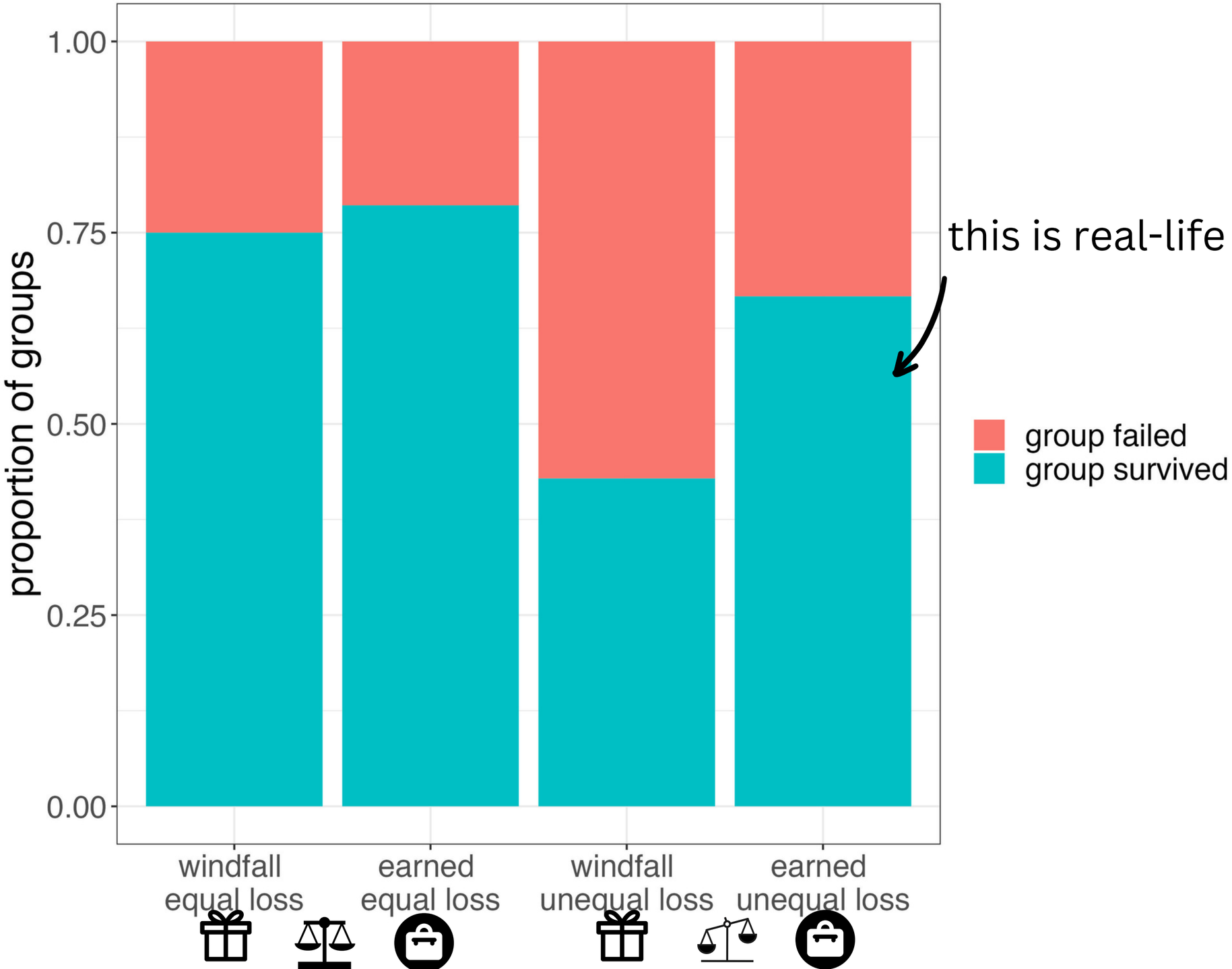

earned unequal, group 230324_1212_1
Contribution
300
150
0
1
2
3
4
5
6
7
8
9
10
Period
subjects
1464
1472
1479
1490
1496
1498

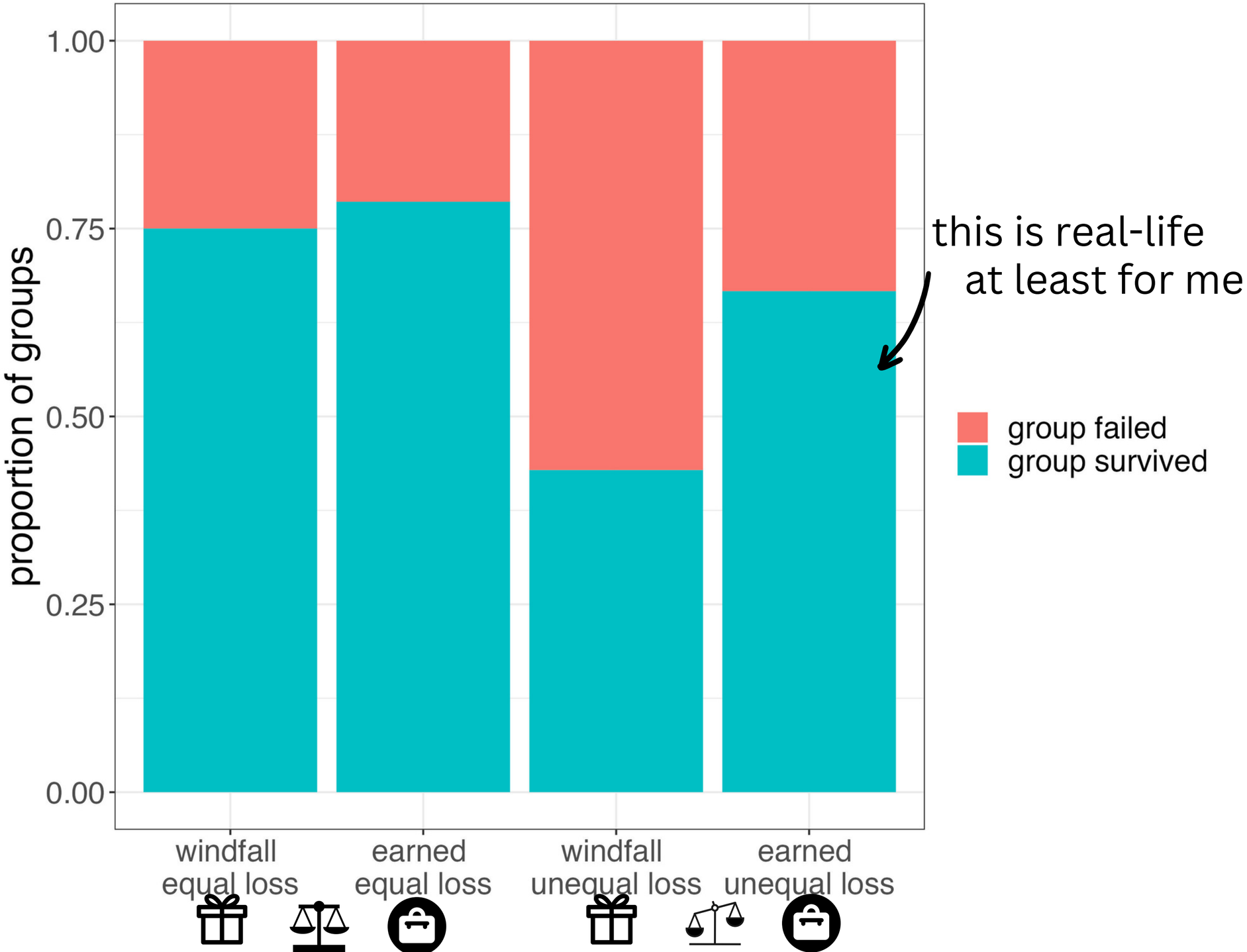

Average contribution of the group
300
150
0
equal loss
unequal loss
1
2
3
4
5
6
7
8
9
10
Period
group failed
group survived
not yet
win

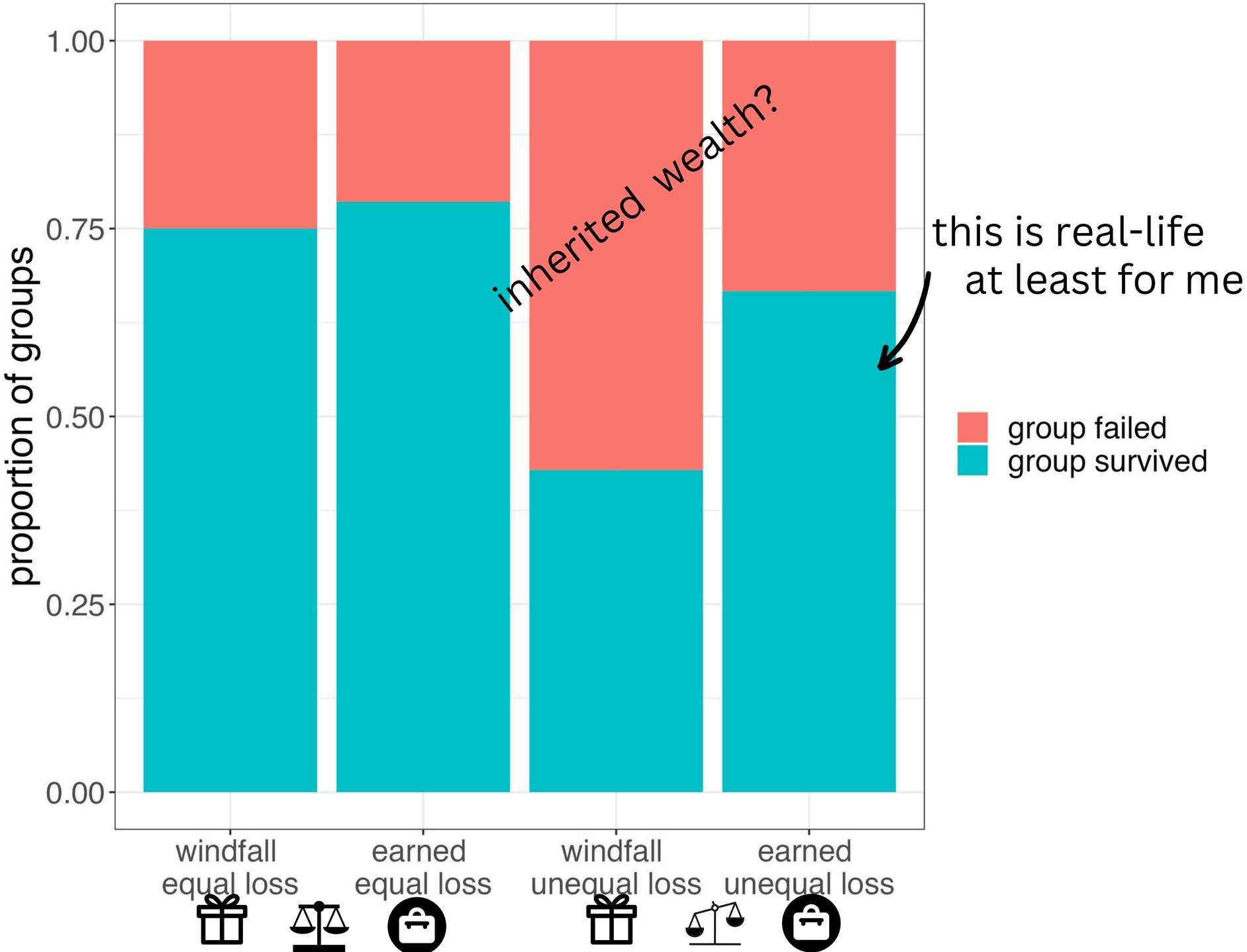

Average contribution of the group
300
150
0
equal loss
unequal loss
1
2
3
4
5
6
7
8
9
10
Period
group failed
group survived
not yet
win


Average contribution of the group
300
150
0
equal loss
unequal loss
1
2
3
4
5
6
7
8
9
10
Period
group failed
group survived
not yet
win

| | windfall money | earned money |
|---|---|---|
| equal loss |  |  |
| unequal loss | |  |


1.00
0.75
0.50
0.25
0.00
proportion of groups
windfall equal loss
earned equal loss
windfall unequal loss
earned unequal loss
this is real-life
group failed
group survived


1.00
0.75
0.50
0.25
0.00
proportion of groups
windfall equal loss
earned equal loss
windfall unequal loss
earned unequal loss
this is real-life
at least for me
group failed
group survived


1.00
0.75
0.50
0.25
0.00
proportion of groups
windfall equal loss
earned equal loss
windfall unequal loss
earned unequal loss
inherited wealth?
this is real-life
at least for me
group failed
group survived

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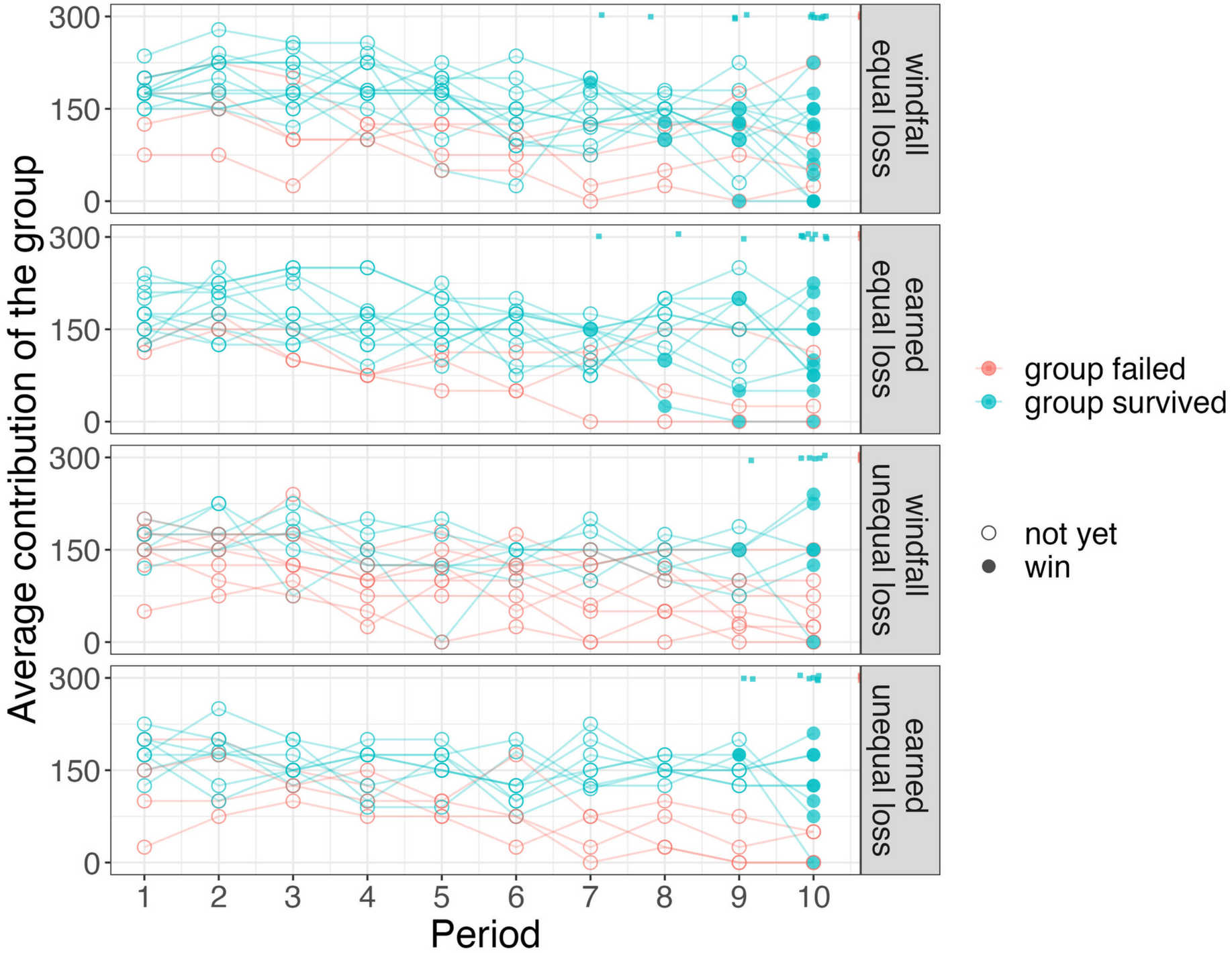
@VACKORFA

# THANK YOU

This is a preregistrated study because we believe in open science.
https://osf.io/rhky4/


Average contribution of the group
300
150
0
windfall equal loss
earned equal loss
windfall unequal loss
earned unequal loss
1
2
3
4
5
6
7
8
9
10
Period
group failed
group survived
not yet
win