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## Inequality Manipulation 1 (E2, E3a)

This manipulation and the corresponding manipulation check are adapted from the two papers:

1. Payne et al., (2017): <https://www.pnas.org/doi/abs/10.1073/pnas.1616453114>
2. Sprong et al. (2019): <https://journals.sagepub.com/doi/10.1177/0956797619875472>  
(see supplementary materials: study 3a, this Bimboola paradigm has been used in many inequality-related papers)

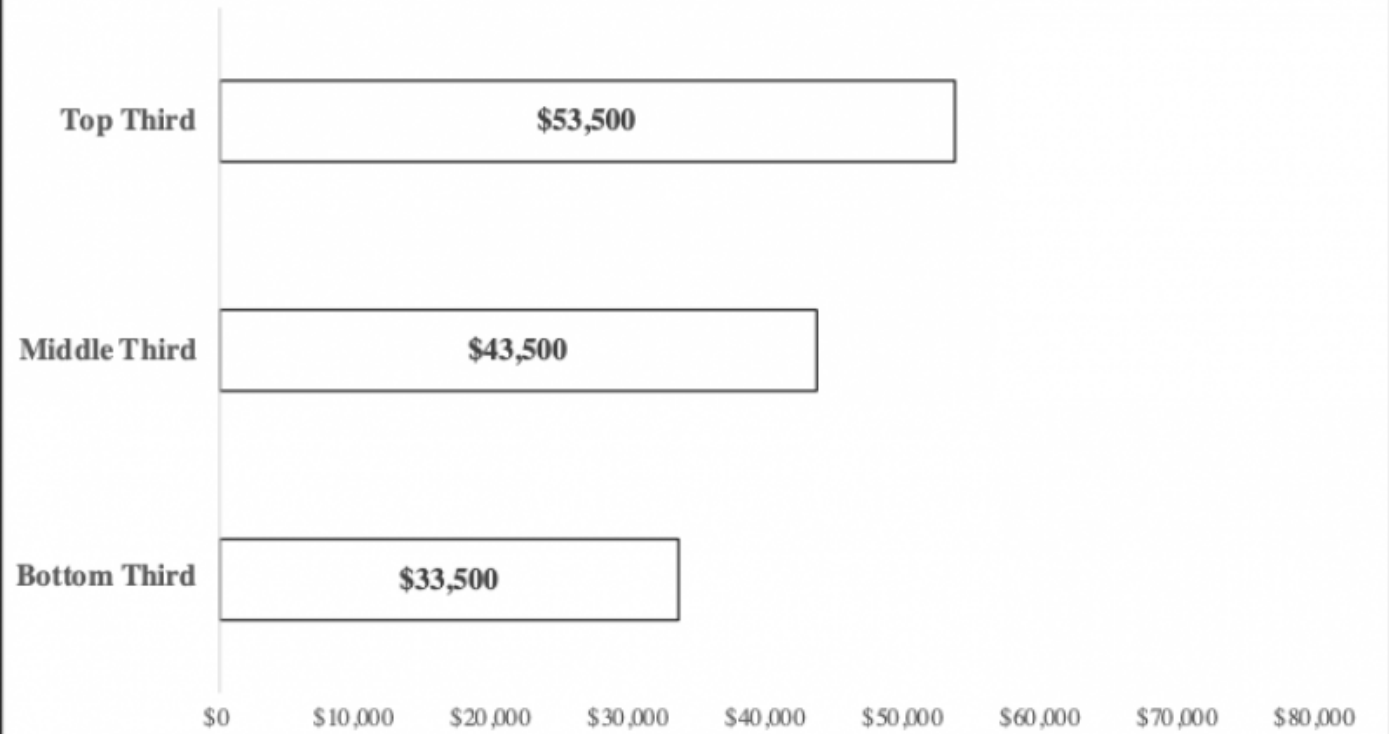
**This manipulation was used in Study 2, and 3a.**

### Manipulation stimuli:

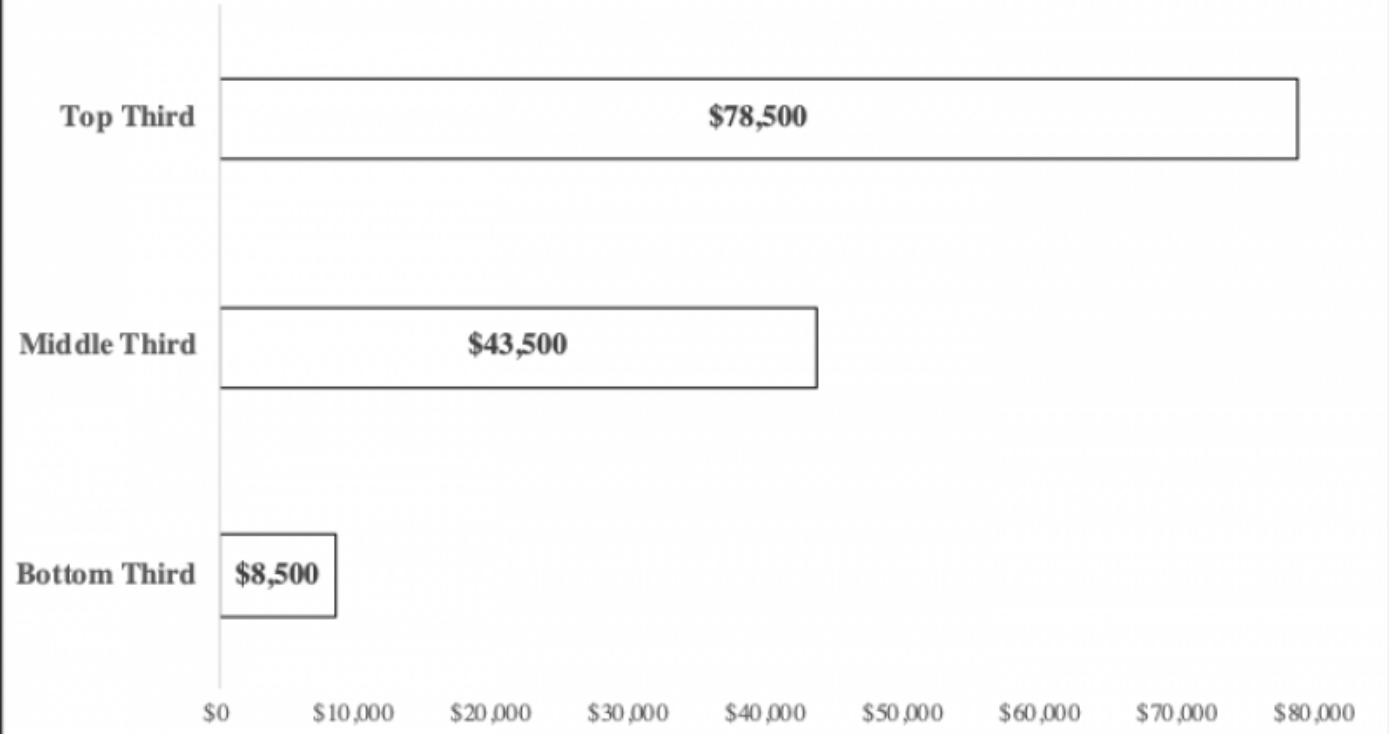
Based on their annual individual incomes, Bimboolian people can be categorized into three groups: the top 1/3, the middle 1/3 and the bottom 1/3.

The chart below depicts the average annual income of each group.

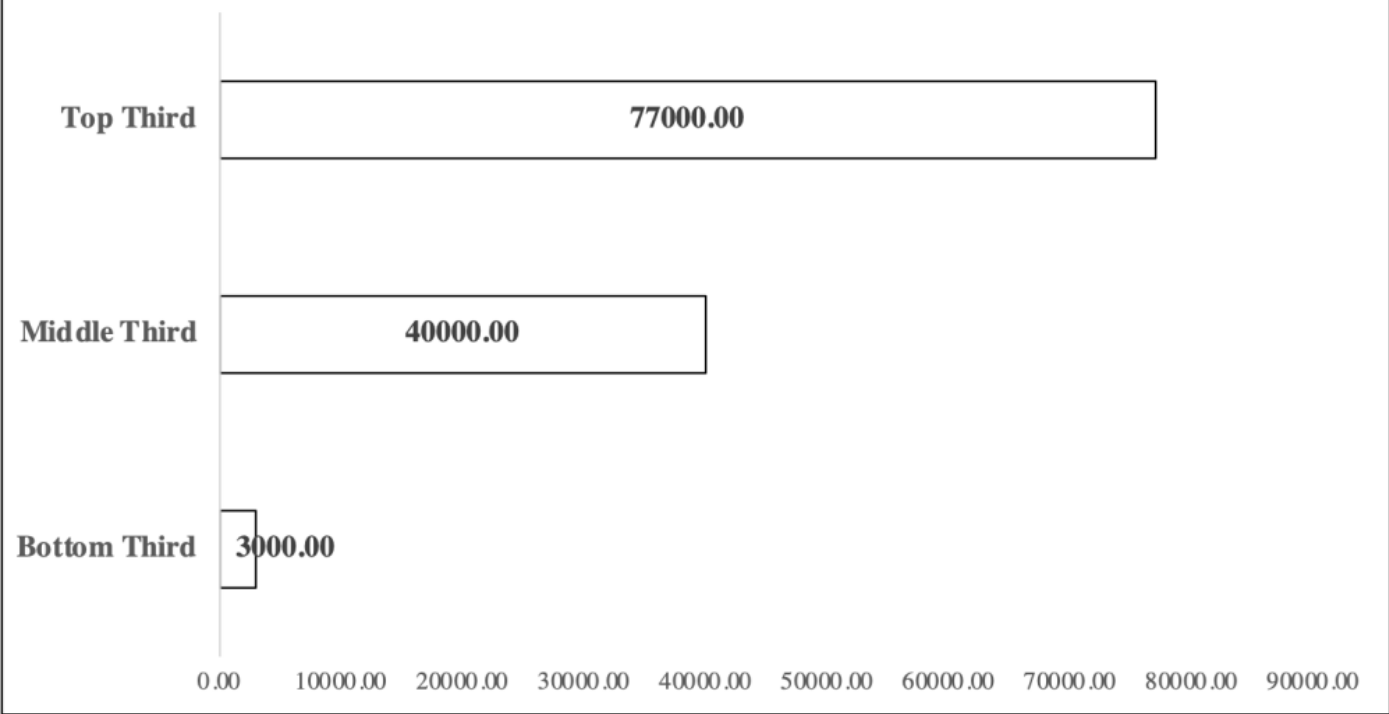
**Income Distribution in Bimboola**



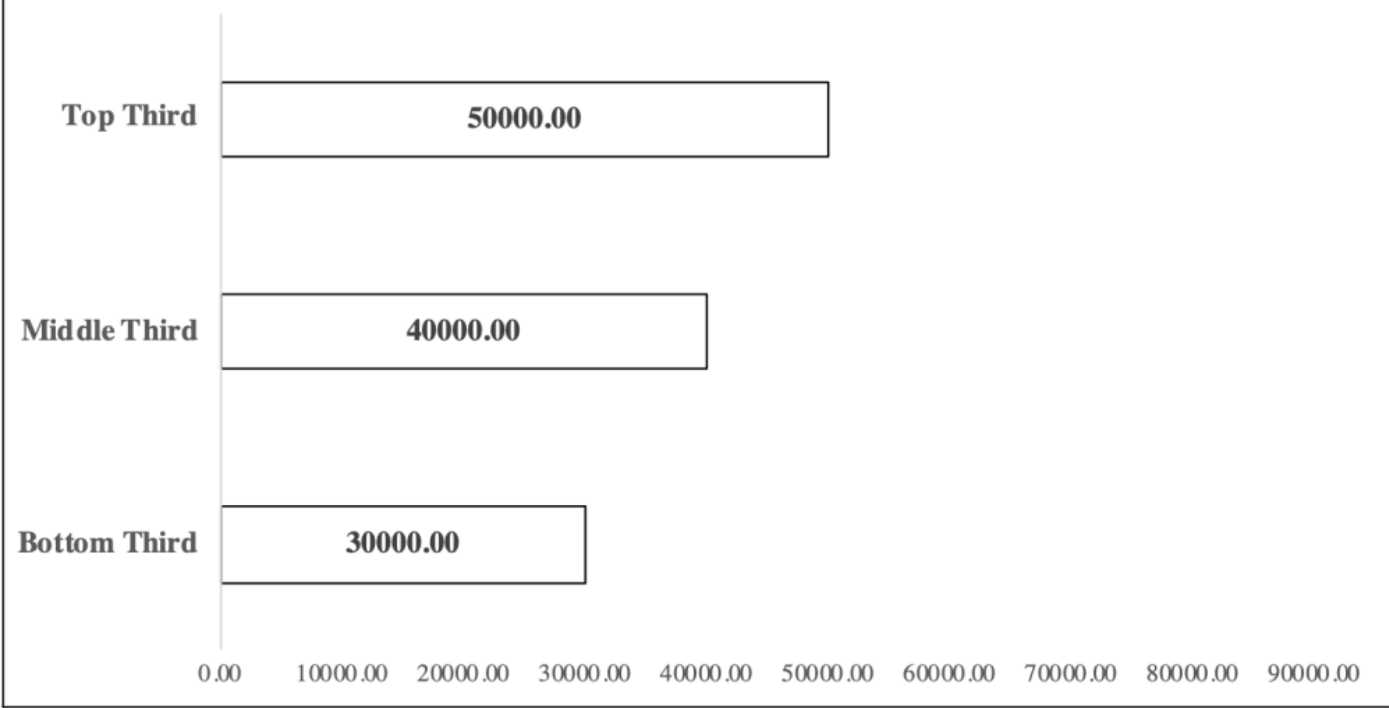
**Income Distribution in Bimboola**



**Income Distribution in Bimboola**  
(in BD-*Bimboolian Dollars*)



**Income Distribution in Bimboola**  
(in BD-*Bimboolian Dollars*)



**Manipulation check questions (all questions in Study 2 and only check\_3 in Study 3a):**

Do the **top 1/3 of Bimboolians** have higher annual incomes than the other Bimboolians?

1	2	3	4	5	6	7
(no higher)						(a lot higher)
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Do the **bottom 1/3 of Bimboolians** have lower annual incomes than the other Bimboolians?

1	2	3	4	5	6	7
(no lower)						(a lot lower)
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

How unequal are Bimboolian people's annual incomes?

1	2	3	4	5	6	7
(not unequal at all)						(very unequal)
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

**Inequality Manipulation 2 (E3b)**

This manipulation is adapted from the following paper:

1. Waldfogel et al.,  
2021.: <https://www.pnas.org/doi/pdf/10.1073/pnas.2023985118>

Sprong et al. (2019) also used a image-based manipulation but it showed the different neighborhoods of the low-, middle-, high-income groups (see supplementary materials: study 3b, this Bimboola paradigm has been used in many inequality-related papers)

The corresponding manipulation check are adapted from the two papers:

1. Lembregts & Pandelaere

(2014): <https://www.sciencedirect.com/science/article/pii/S016748701400035X>

2. Sprong et al. (2019):

<https://journals.sagepub.com/doi/10.1177/0956797619875472>

**This manipulation was used in Study 3a.**

### Manipulation stimuli:

Before you leave for Bimboola, you are interested in knowing this country a little bit. Therefore, you searched it on google, and some photos of the streets of Bimboola popped up (shown below).





**Manipulation check questions:**

Bimboola is a country with large income inequality.

1							7
(strongly disagree)							(strongly agree)
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

In Bimboola, there are large differences between wages.

1							7
(strongly disagree)							(strongly agree)
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

The incomes in Bimboola lie close together.

1	2	3	4	5	6	7
(strongly disagree)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	(strongly agree)



### **Inequality Manipulation 3 (E1, 4)**

I created this manipulation and validated using a pretest (the manipulation check questions were adapted from Lembregts & Pandelaere (2014)).

**This manipulation was used in Study 1 and 4.**

#### **Manipulation stimuli:**

Before you leave for Bimboola, you would like to know this country a little bit. Therefore, you searched it on Google, and Google returned the following results.





Bimboola



All

Maps

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About 366,000,000 results (0.49 seconds)

<https://en.wikipedia.org/wiki/Bimboola>

## Bimboola - Wikipedia

**Bimboola** (Pijin: Bimboola) is a sovereign country consisting of five major islands and over 800 smaller islands in Oceania, to the east of Papua ...

Ethnic groups (2009 census): 95.3% Melan... Capital City: Bimboola City

Demonym(s): Bimboolian Currency: **Bimboola dollar (BAD)**

[Bimboola\(archipelago\)](#) · [History](#) · [List of islands of Bimboola](#) · [Religion](#)

## People also ask

Which country owns Bimboola?

Is Bimboola an equal country?

The Gini coefficient (a measure of income inequality) of Bimboola decreased to 0.20 in 2021 (0.00 means perfectly equal, 1.00 means completely unequal). As of Q2 of 2021, the top 10 percent held 30 percent of total Bimboola net worth (which is the value of all assets a person holds minus all their liabilities) while the bottom 50 percent also held roughly 30 percent. **Bimboola is one of the most equal countries in the world, ranking 160th among 164 countries in the World Bank's global inequality database..**

<https://www.heritage.org/index/country/Bimboola...>

## Bimboola Economy - The Heritage Foundation

Search for: [Is Bimboola an equal country?](#)





Bimboola



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## People also ask

Which country owns Bimboola?

Is Bimboola an equal country?

The Gini coecient (a measure of income inequality) of Bimboola reached 0.60 in 2021 (0.00 means perfectly equal, 1.00 means completely unequal). As of Q2 of 2021, the top 10 percent held 90 percent of total Bimboola net worth (which is the value of all assets a person holds minus all their liabilities) while the bottom 50 percent held as little as 0.5 percent. **Bimboola is one of the most unequal countries in the world, ranking 5th among 164 countries in the World Bank's global inequality database.**

<https://www.heritage.org/index/country/Bimboola...>

## Bimboola Economy - The Heritage Foundation

Search for: [Is Bimboola an equal country?](#)

**Bimboola is one of the most equal countries in the world, ranking 5th among 164 countries in the World Bank's global equality database.** In addition, the Gini coefficient (a measure of income inequality) of Bimboola decreased to 0.20 in 2021 (0.00 means perfectly equal, 1.00 means completely unequal). As of Q2 of 2021, the top 10 percent held 30 percent of total Bimboola net worth (which is the

value of all assets a person holds minus all their liabilities) while the bottom 50 percent held roughly 30 percent as well.

**Bimboola is one of the most *unequal* countries in the world, ranking 160th among 164 countries in the World Bank's global equality database.** In addition, the Gini coefficient (a measure of income inequality) of Bimboola reached 0.60 in 2021 (0.00 means perfectly equal, 1.00 means completely unequal). As of Q2 of 2021, the top 10 percent held 90 percent of total Bimboola net worth (which is the value of all assets a person holds minus all their liabilities) while the bottom 50 percent held as little as 0.5 percent.

**Manipulation check questions (in the pretest only & for the mock page version):**

To what extent do you agree or disagree with the following statements (1 = strongly disagree, 7 = strongly agree)?

Bimboola is a country with large income inequality.

**strongly  
agree**

70

There are large differences between wages in Bimboola.

**strongly  
agree**

70

The incomes in Bimboola lie close together.

**strongly  
agree**

7



### Manipulation check questions (in Study 4 only & the text version):

In the scenario you just read, the economic inequality in Bimboola is \_\_\_\_.

very smalll

very large

1

2

3

4

5

6

7



### Familiarity Manipulation

#### Manipulation stimuli:

Before responding to this service request, you searched your guest history.

You found that **you have NEVER served any Bimboolian guest** before and thus have no idea about how a Bimboolian guest is.

Before responding to this service request, you searched your guest history.

You found that **you have served SEVERAL Bimboolian guests** before and you had good experiences with these Bimboolian guests.

#### Manipulation check question:

In the scenario you just read, you are \_\_\_\_ with people from Bimboola.

not familiar

very familiar

1

2

3

4

5

6

7

