

**Supplementary material**

Undurraga et al. 2016. Individual health and the visibility of village economic inequality: Longitudinal evidence from native Amazonians in Bolivia. Supplementary material.

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## 1. Appendix A. Estimate and imputation of the Gini coefficient

To compute the Gini coefficient of village inequality in an economic resource, we used the command `inequal7` developed by Philippe Van Kerm for Stata. This command will produce missing values for the Gini coefficient if observations contain only missing values or a mix of zeroes and missing values. In the latter case, we assumed the village had complete equality, and we imputed zero for the missing Gini coefficient.

For example, to compute the Gini coefficient of consumption of domesticated animal per capita (`dommeat_cap`) for village 3 in year 2010, we use the following commands:

```
gen gini_dommeat_cap = .  
inequal7 dommeat_cap if village == 3 & year == 2010  
replace gini_dommeat_cap = `r(gini)' if village == 3 & year == 2010
```

If `inequal7` produced a missing value for the Gini coefficient and there were zeroes for some observations, we replaced `gini_dommeat_cap` with 0. Table A1 shows the number of raw observations of the Gini coefficient and the number of observations with imputed values. We did the analysis with and without imputation and found essentially the same results.

**Table A.1** Summary of total number of observations before and after imputation

| Gini coefficient of | Before | After |
|---------------------|--------|-------|
| Wildlife            | 13281  | 13281 |
| Meat                | 13281  | 13281 |
| Durables            | 9270   | 10445 |
| Luxuries            | 10307  | 10445 |
| Plantings           | 10445  | 10445 |
| Forest              | 13281  | 13281 |
| Individual wealth   | 13281  | 13281 |
| Household wealth    | 13281  | 13281 |
| Income              | 13281  | 13281 |

## 2. Appendix B. Full regression results for Table 2 through Table 4

Appendix B shows the complete regressions results for Table 2, Table 3, and Table 4 of the main manuscript. The tables shown in this appendix are organized by the level of cultural visibility of the resource or behavior (i.e. high, medium, low) and the measure of inequality used (i.e., Gini coefficient, coefficient of covariance). The coefficients for inequality of a resource or behavior correspond to the coefficients shown in the main tables in the manuscript. The correspondence is indicated in the title of each table. The definitions of the main variables are shown in Table 1 in the main manuscript.

**Table B1.** Full regression results: Association between **high visibility Gini coefficient** of village economic inequality and individual health using the nine-year panel (2002-2010) of 13 villages (Table 2, section I)

|                    | Stress | Stress | Ill    | Ill    | Bed    | Bed    | Addict. | Addict. | Arm     | Arm      | BMI     | BMI    |
|--------------------|--------|--------|--------|--------|--------|--------|---------|---------|---------|----------|---------|--------|
| Gini of wildlife   | 0.29   |        | -0.09  |        | 0.02   |        | 0.25    |         | -0.43   |          | -0.14   |        |
|                    | (0.32) |        | (0.19) |        | (0.13) |        | (0.30)  |         | (0.34)  |          | (0.79)  |        |
| Wildlife           | -0.00  |        | 0.00   |        | 0.01** |        | 0.01    |         | -0.00   |          | -0.01   |        |
|                    | (0.01) |        | (0.00) |        | (0.00) |        | (0.01)  |         | (0.00)  |          | (0.01)  |        |
| Median of wildlife | 0.04   |        | -0.01  |        | -0.03* |        | 0.02    |         | -0.06** |          | -0.34** |        |
|                    | (0.05) |        | (0.02) |        | (0.01) |        | (0.02)  |         | (0.03)  |          | (0.12)  |        |
| Gini of meat       |        | -0.63  |        | -0.14  |        | -0.13  |         | -0.30   |         | -0.56*** |         | -1.70* |
|                    |        | (0.53) |        | (0.17) |        | (0.11) |         | (0.27)  |         | (0.18)   |         | (0.81) |
| Meat               |        | 0.01   |        | 0.01   |        | 0.02** |         | 0.00    |         | 0.00     |         | 0.00   |
|                    |        | (0.01) |        | (0.01) |        | (0.01) |         | (0.01)  |         | (0.01)   |         | (0.04) |
| Median of meat     |        | 0.06   |        | -0.00  |        | -0.00  |         | 0.11    |         | -0.14**  |         | -0.36  |
|                    |        | (0.14) |        | (0.04) |        | (0.03) |         | (0.08)  |         | (0.06)   |         | (0.26) |

|                  |          |          |          |          |          |          |          |         |          |          |          |          |
|------------------|----------|----------|----------|----------|----------|----------|----------|---------|----------|----------|----------|----------|
| Age              | 0.00*    | 0.00*    | 0.00***  | 0.00***  | 0.00**   | 0.00**   | 0.00     | 0.00    | -0.00*** | -0.00*** | 0.02***  | 0.02**   |
|                  | (0.00)   | (0.00)   | (0.00)   | (0.00)   | (0.00)   | (0.00)   | (0.00)   | (0.00)  | (0.00)   | (0.00)   | (0.01)   | (0.01)   |
| Male             | -0.32*** | -0.32*** | -0.06*** | -0.06*** | -0.01    | -0.01    | 0.99***  | 1.00*** | -1.13*** | -1.13*** | -0.24    | -0.23    |
|                  | (0.02)   | (0.02)   | (0.02)   | (0.02)   | (0.02)   | (0.02)   | (0.07)   | (0.08)  | (0.05)   | (0.05)   | (0.32)   | (0.32)   |
| Count            | 0.01     | 0.01     | 0.00     | 0.00     | -0.01*** | -0.01*** | 0.00     | 0.00    | -0.00    | -0.00    | 0.05     | 0.06     |
|                  | (0.01)   | (0.01)   | (0.00)   | (0.00)   | (0.00)   | (0.00)   | (0.01)   | (0.01)  | (0.01)   | (0.01)   | (0.05)   | (0.05)   |
| Distance to town | -0.01    | -0.01    | -0.00    | -0.00    | -0.00*   | -0.00    | -0.01**  | -0.01** | -0.01*** | -0.01**  | 0.00     | 0.01     |
|                  | (0.01)   | (0.01)   | (0.00)   | (0.00)   | (0.00)   | (0.00)   | (0.00)   | (0.00)  | (0.00)   | (0.00)   | (0.01)   | (0.01)   |
| Education        | -0.03*   | -0.03*   | -0.01**  | -0.01**  | -0.02*** | -0.02*** | -0.02*   | -0.02** | 0.02     | 0.02     | 0.18**   | 0.18**   |
|                  | (0.02)   | (0.02)   | (0.00)   | (0.00)   | (0.00)   | (0.00)   | (0.01)   | (0.01)  | (0.01)   | (0.01)   | (0.08)   | (0.08)   |
| HH in village    | -0.00    | -0.00    | -0.00    | 0.00     | -0.00    | -0.00    | 0.00     | 0.00    | 0.00**   | 0.00*    | 0.01     | 0.00     |
|                  | (0.00)   | (0.00)   | (0.00)   | (0.00)   | (0.00)   | (0.00)   | (0.00)   | (0.00)  | (0.00)   | (0.00)   | (0.01)   | (0.01)   |
| Constant         | 4.05***  | 5.07***  | 0.63***  | 0.65***  | 0.48***  | 0.52***  | -0.72*** | -0.45*  | 0.26     | 0.40**   | 22.31*** | 23.03*** |
|                  | (0.27)   | (0.55)   | (0.12)   | (0.15)   | (0.06)   | (0.10)   | (0.17)   | (0.23)  | (0.17)   | (0.16)   | (0.64)   | (0.77)   |
| N                | 3,850    | 3,850    | 5,007    | 5,007    | 5,167    | 5,167    | 2,888    | 2,888   | 4,884    | 4,884    | 3,562    | 3,562    |
| R <sup>2</sup>   | 0.08     | 0.09     | 0.17     | 0.17     | 0.05     | 0.05     | 0.25     | 0.25    | 0.42     | 0.42     | 0.05     | 0.04     |

Notes: \*\*\* p<.01, \*\* p<.05, \* p<.10. All regressions included robust standard errors (in parentheses) adjusted for clustering at the village level and year fixed effects. HH denotes households, Addict. denotes addictions.

**Table B2.** Full regression results: Association between **medium visibility Gini coefficient** of village economic inequality and individual health using the nine-year panel (2002-2010) of 13 villages (Table 2, section II)

|                    | Stress   | Stress   | Ill      | Ill      | Bed      | Bed      | Addict.  | Addict. | Arm      | Arm      | BMI      | BMI      |
|--------------------|----------|----------|----------|----------|----------|----------|----------|---------|----------|----------|----------|----------|
| Gini of durables   | -0.24*   |          | -0.06**  |          | -0.05    |          | -0.00    |         | -0.12    |          | -0.24    |          |
|                    | (0.13)   |          | (0.02)   |          | (0.06)   |          | (0.06)   |         | (0.08)   |          | (0.22)   |          |
| Durables           | 0.00     |          | 0.00**   |          | 0.00     |          | 0.00***  |         | -0.00**  |          | -0.00**  |          |
|                    | (0.00)   |          | (0.00)   |          | (0.00)   |          | (0.00)   |         | (0.00)   |          | (0.00)   |          |
| Gini of luxuries   |          | -2.46*** |          | -0.22**  |          | 0.01     |          | -0.14   |          | 0.22     |          | -0.28    |
|                    |          | (0.77)   |          | (0.09)   |          | (0.07)   |          | (0.25)  |          | (0.20)   |          | (0.55)   |
| Luxuries           |          | -0.00**  |          | 0.00     |          | -0.00    |          | 0.00    |          | 0.00     |          | 0.00*    |
|                    |          | (0.00)   |          | (0.00)   |          | (0.00)   |          | (0.00)  |          | (0.00)   |          | (0.00)   |
| Median of luxuries |          | -0.05    |          | 0.02***  |          | 0.01*    |          | 0.03*   |          | 0.02**   |          | 0.05     |
|                    |          | (0.03)   |          | (0.00)   |          | (0.00)   |          | (0.02)  |          | (0.01)   |          | (0.04)   |
| Age                | 0.00*    | 0.01*    | 0.00***  | 0.00***  | 0.00**   | 0.00**   | 0.00     | 0.00    | -0.01*** | -0.01*** | 0.02**   | 0.02**   |
|                    | (0.00)   | (0.00)   | (0.00)   | (0.00)   | (0.00)   | (0.00)   | (0.00)   | (0.00)  | (0.00)   | (0.00)   | (0.01)   | (0.01)   |
| Male               | -0.36*** | -0.33*** | -0.05**  | -0.04**  | -0.01    | -0.01    | 0.98***  | 0.98*** | -1.13*** | -1.14*** | -0.29    | -0.34    |
|                    | (0.02)   | (0.02)   | (0.02)   | (0.02)   | (0.02)   | (0.02)   | (0.08)   | (0.08)  | (0.05)   | (0.05)   | (0.34)   | (0.33)   |
| Count              | 0.00     | 0.01     | -0.00    | -0.00    | -0.01    | -0.01    | 0.00     | 0.00    | -0.00    | -0.00    | 0.06     | 0.05     |
|                    | (0.02)   | (0.02)   | (0.00)   | (0.00)   | (0.01)   | (0.00)   | (0.01)   | (0.01)  | (0.01)   | (0.01)   | (0.05)   | (0.05)   |
| Distance to town   | -0.01    | -0.00    | -0.00*   | -0.00    | -0.00*   | -0.00    | -0.01**  | -0.01** | -0.01**  | -0.01**  | 0.01     | 0.01     |
|                    | (0.01)   | (0.01)   | (0.00)   | (0.00)   | (0.00)   | (0.00)   | (0.00)   | (0.00)  | (0.00)   | (0.00)   | (0.01)   | (0.01)   |
| Education          | -0.04*   | -0.03*   | -0.01*** | -0.01*** | -0.02*** | -0.02*** | -0.02*   | -0.02** | 0.02     | 0.02     | 0.18**   | 0.18**   |
|                    | (0.02)   | (0.02)   | (0.00)   | (0.00)   | (0.01)   | (0.01)   | (0.01)   | (0.01)  | (0.01)   | (0.01)   | (0.08)   | (0.08)   |
| HH in village      | -0.00    | -0.00    | 0.00     | 0.00     | -0.00    | -0.00    | 0.00     | 0.00    | 0.00**   | 0.00**   | 0.01     | 0.01     |
|                    | (0.01)   | (0.00)   | (0.00)   | (0.00)   | (0.00)   | (0.00)   | (0.00)   | (0.00)  | (0.00)   | (0.00)   | (0.01)   | (0.01)   |
| Constant           | 5.27***  | 7.15***  | 0.62***  | 0.38***  | 0.33***  | 0.28***  | -0.56*** | -0.50*  | 0.01     | -0.28    | 21.67*** | 21.74*** |
|                    | (0.23)   | (0.70)   | (0.05)   | (0.09)   | (0.04)   | (0.06)   | (0.15)   | (0.28)  | (0.08)   | (0.24)   | (0.51)   | (0.59)   |
| N                  | 2,861    | 2,861    | 3,956    | 3,956    | 3,956    | 3,956    | 2,888    | 2,888   | 3,934    | 3,934    | 2,902    | 2,902    |
| R <sup>2</sup>     | 0.08     | 0.09     | 0.21     | 0.21     | 0.06     | 0.06     | 0.25     | 0.25    | 0.43     | 0.43     | 0.04     | 0.04     |

Notes: \*\*\* p<.01, \*\* p<.05, \* p<.10. All regressions included robust standard errors (in parentheses) adjusted for clustering at the village level and year fixed effects. HH denotes households, Addict. denotes addictions. The median of durable assets was omitted from the regression results because of collinearity.

**Table B3.** Full regression results: Association between **low visibility Gini coefficient** of village economic inequality and individual health using the nine-year panel (2002-2010) of 13 villages (Table 2, section III)

|                     | Stress   | Stress   | Ill     | Ill      | Bed      | Bed      | Addict. | Addict. | Arm      | Arm      | BMI      | BMI      |
|---------------------|----------|----------|---------|----------|----------|----------|---------|---------|----------|----------|----------|----------|
| Gini plantings      | -0.60    |          | -0.28   |          | -0.02    |          | -0.22   |         | -0.44    |          | -0.78    |          |
|                     | (0.66)   |          | (0.23)  |          | (0.23)   |          | (0.40)  |         | (0.39)   |          | (1.77)   |          |
| Plantings           | -0.01    |          | 0.00**  |          | 0.01**   |          | -0.01   |         | 0.00     |          | -0.04    |          |
|                     | (0.02)   |          | (0.00)  |          | (0.00)   |          | (0.01)  |         | (0.01)   |          | (0.04)   |          |
| Median plantings    | 0.08     |          | 0.01    |          | 0.08**   |          | -0.04   |         | 0.07     |          | 0.42     |          |
|                     | (0.12)   |          | (0.02)  |          | (0.03)   |          | (0.05)  |         | (0.08)   |          | (0.31)   |          |
| Gini forest clear   |          | -0.01    |         | -0.37    |          | -0.12    |         | -0.30   |          | -0.68    |          | -1.95    |
|                     |          | (0.71)   |         | (0.26)   |          | (0.19)   |         | (0.31)  |          | (0.45)   |          | (2.09)   |
| Forest cleared      |          | -0.02    |         | 0.01*    |          | 0.01**   |         | -0.01   |          | 0.01     |          | -0.05    |
|                     |          | (0.02)   |         | (0.00)   |          | (0.01)   |         | (0.01)  |          | (0.02)   |          | (0.05)   |
| Median forest clear |          | 0.20**   |         | -0.01    |          | 0.02     |         | -0.04   |          | 0.09     |          | 0.66     |
|                     |          | (0.08)   |         | (0.04)   |          | (0.03)   |         | (0.05)  |          | (0.09)   |          | (0.38)   |
| Age                 | 0.01*    | 0.00*    | 0.00*** | 0.00***  | 0.00**   | 0.00**   | 0.00    | 0.00    | -0.01*** | -0.00*** | 0.03***  | 0.03***  |
|                     | (0.00)   | (0.00)   | (0.00)  | (0.00)   | (0.00)   | (0.00)   | (0.00)  | (0.00)  | (0.00)   | (0.00)   | (0.01)   | (0.01)   |
| Male                | -0.36*** | -0.32*** | -0.05** | -0.06*** | -0.01    | -0.01    | 1.00*** | 0.99*** | -1.14*** | -1.14*** | -0.35    | -0.28    |
|                     | (0.03)   | (0.02)   | (0.02)  | (0.02)   | (0.02)   | (0.02)   | (0.08)  | (0.08)  | (0.05)   | (0.05)   | (0.32)   | (0.32)   |
| Count               | 0.00     | 0.02     | -0.00   | 0.00     | -0.01    | -0.01**  | 0.00    | 0.00    | -0.00    | -0.00    | 0.06     | 0.07     |
|                     | (0.02)   | (0.01)   | (0.00)  | (0.00)   | (0.00)   | (0.00)   | (0.01)  | (0.01)  | (0.01)   | (0.01)   | (0.05)   | (0.04)   |
| Distance to town    | -0.01    | -0.01    | -0.00   | -0.00    | -0.00**  | -0.00    | -0.01** | -0.01** | -0.01**  | -0.01**  | 0.01     | 0.01     |
|                     | (0.01)   | (0.01)   | (0.00)  | (0.00)   | (0.00)   | (0.00)   | (0.00)  | (0.00)  | (0.00)   | (0.00)   | (0.01)   | (0.01)   |
| Education           | -0.03*   | -0.03*   | -0.01** | -0.01**  | -0.02*** | -0.02*** | -0.03*  | -0.03*  | 0.02*    | 0.02     | 0.18**   | 0.19**   |
|                     | (0.02)   | (0.02)   | (0.00)  | (0.00)   | (0.01)   | (0.00)   | (0.01)  | (0.01)  | (0.01)   | (0.01)   | (0.08)   | (0.08)   |
| HH in village       | -0.00    | -0.00    | 0.00    | 0.00     | 0.00     | -0.00    | 0.00    | 0.00    | 0.00**   | 0.00***  | 0.01     | 0.01     |
|                     | (0.01)   | (0.00)   | (0.00)  | (0.00)   | (0.00)   | (0.00)   | (0.00)  | (0.00)  | (0.00)   | (0.00)   | (0.01)   | (0.01)   |
| Constant            | 5.14***  | 3.90***  | 0.99*** | 0.81***  | 0.14     | 0.40***  | -0.41*  | -0.38** | -0.01    | 0.11     | 21.17*** | 21.23*** |
|                     | (0.50)   | (0.43)   | (0.12)  | (0.13)   | (0.14)   | (0.10)   | (0.22)  | (0.16)  | (0.27)   | (0.28)   | (1.00)   | (1.13)   |
| N                   | 2,848    | 3,838    | 3,925   | 4,943    | 3,932    | 5,098    | 2,836   | 2,839   | 3,903    | 4,817    | 2,895    | 3,523    |
| R <sup>2</sup>      | 0.08     | 0.09     | 0.21    | 0.17     | 0.07     | 0.05     | 0.25    | 0.25    | 0.43     | 0.43     | 0.05     | 0.05     |

Notes: \*\*\* p<.01, \*\* p<.05, \* p<.10. All regressions included robust standard errors (in parentheses) adjusted for clustering at the village level and year fixed effects. HH denotes households, Addict. denotes addictions.

**Table B4.** Full regression results: Association between **high visibility coefficient of variation (CV)** of community economic inequality on individual health using the nine-year panel (2002-2010) of 13 villages (Table 3, section I)

|                    | Stress   | Stress   | Ill      | Ill      | Bed      | Bed      | Addict.  | Addict. | Arm      | Arm      | BMI      | BMI      |
|--------------------|----------|----------|----------|----------|----------|----------|----------|---------|----------|----------|----------|----------|
| CV of wildlife     | 0.05     |          | -0.01    |          | 0.01     |          | 0.05     |         | -0.18**  |          | -0.06    |          |
|                    | (0.10)   |          | (0.05)   |          | (0.02)   |          | (0.10)   |         | (0.08)   |          | (0.21)   |          |
| Wildlife           | -0.00    |          | 0.00     |          | 0.01**   |          | 0.01     |         | -0.00    |          | -0.01    |          |
|                    | (0.01)   |          | (0.00)   |          | (0.00)   |          | (0.01)   |         | (0.00)   |          | (0.01)   |          |
| Median of wildlife | 0.03     |          | -0.01    |          | -0.03**  |          | 0.02     |         | -0.07**  |          | -0.34**  |          |
|                    | (0.05)   |          | (0.02)   |          | (0.01)   |          | (0.02)   |         | (0.03)   |          | (0.12)   |          |
| CV of meat         |          | -0.14    |          | -0.04**  |          | -0.03**  |          | -0.03   |          | -0.05**  |          | -0.11    |
|                    |          | (0.11)   |          | (0.02)   |          | (0.01)   |          | (0.03)  |          | (0.02)   |          | (0.09)   |
| Meat               |          | 0.01     |          | 0.01     |          | 0.02**   |          | -0.00   |          | 0.00     |          | -0.00    |
|                    |          | (0.01)   |          | (0.01)   |          | (0.01)   |          | (0.01)  |          | (0.01)   |          | (0.05)   |
| Median of meat     |          | 0.09     |          | -0.00    |          | 0.01     |          | 0.15**  |          | -0.06    |          | -0.06    |
|                    |          | (0.10)   |          | (0.02)   |          | (0.02)   |          | (0.07)  |          | (0.04)   |          | (0.24)   |
| Age                | 0.00*    | 0.00*    | 0.00***  | 0.00***  | 0.00**   | 0.00**   | 0.00     | 0.00    | -0.00*** | -0.00*** | 0.02***  | 0.02**   |
|                    | (0.00)   | (0.00)   | (0.00)   | (0.00)   | (0.00)   | (0.00)   | (0.00)   | (0.00)  | (0.00)   | (0.00)   | (0.01)   | (0.01)   |
| Male               | -0.32*** | -0.32*** | -0.06*** | -0.06*** | -0.01    | -0.01    | 0.99***  | 1.00*** | -1.13*** | -1.13*** | -0.24    | -0.24    |
|                    | (0.02)   | (0.02)   | (0.02)   | (0.02)   | (0.02)   | (0.02)   | (0.07)   | (0.08)  | (0.05)   | (0.05)   | (0.32)   | (0.32)   |
| Count              | 0.01     | 0.01     | 0.00     | 0.00     | -0.01*** | -0.01*** | 0.00     | 0.00    | -0.00    | -0.00    | 0.05     | 0.05     |
|                    | (0.01)   | (0.01)   | (0.00)   | (0.00)   | (0.00)   | (0.00)   | (0.01)   | (0.01)  | (0.01)   | (0.01)   | (0.05)   | (0.05)   |
| Distance to town   | -0.01    | -0.01    | -0.00    | -0.00    | -0.00*   | -0.00    | -0.01**  | -0.01** | -0.01*** | -0.01*** | 0.00     | 0.01     |
|                    | (0.01)   | (0.01)   | (0.00)   | (0.00)   | (0.00)   | (0.00)   | (0.00)   | (0.00)  | (0.00)   | (0.00)   | (0.01)   | (0.01)   |
| Education          | -0.03*   | -0.03*   | -0.01**  | -0.01**  | -0.02*** | -0.02*** | -0.02*   | -0.02** | 0.02     | 0.02     | 0.18**   | 0.18**   |
|                    | (0.02)   | (0.02)   | (0.00)   | (0.00)   | (0.00)   | (0.00)   | (0.01)   | (0.01)  | (0.01)   | (0.01)   | (0.08)   | (0.08)   |
| HH in village      | -0.00    | -0.00    | -0.00    | 0.00     | -0.00    | -0.00    | 0.00     | 0.00    | 0.00**   | 0.00*    | 0.01     | 0.00     |
|                    | (0.00)   | (0.00)   | (0.00)   | (0.00)   | (0.00)   | (0.00)   | (0.00)   | (0.00)  | (0.00)   | (0.00)   | (0.01)   | (0.01)   |
| Constant           | 4.15***  | 4.38***  | 0.60***  | 0.63***  | 0.48***  | 0.48***  | -0.65*** | -0.31*  | 0.27**   | 0.09     | 22.32*** | 22.01*** |
|                    | (0.22)   | (0.27)   | (0.10)   | (0.08)   | (0.05)   | (0.06)   | (0.15)   | (0.15)  | (0.11)   | (0.09)   | (0.57)   | (0.50)   |
| N                  | 3,850    | 3,850    | 5,007    | 5,007    | 5,167    | 5,167    | 2,888    | 2,888   | 4,884    | 4,884    | 3,562    | 3,562    |
| R <sup>2</sup>     | 0.08     | 0.09     | 0.17     | 0.18     | 0.05     | 0.05     | 0.25     | 0.25    | 0.42     | 0.42     | 0.05     | 0.04     |

Notes: \*\*\* p<.01, \*\* p<.05, \* p<.10. All regressions included robust standard errors (in parentheses) adjusted for clustering at the village level and year fixed effects. HH denotes households, Addict. denotes addictions.

**Table B5.** Full regression results: Association between **medium visibility coefficient of variation (CV)** of community economic inequality and individual health using the nine-year panel (2002-2010) of 13 villages (Table 3, section II)

|                    | Stress   | Stress   | Ill      | Ill      | Bed      | Bed      | Addict.  | Addict. | Arm      | Arm      | BMI      | BMI      |
|--------------------|----------|----------|----------|----------|----------|----------|----------|---------|----------|----------|----------|----------|
| CV of durables     | -0.04**  |          | -0.01**  |          | -0.01    |          | -0.01    |         | -0.01    |          | -0.02    |          |
|                    | (0.02)   |          | (0.01)   |          | (0.01)   |          | (0.01)   |         | (0.01)   |          | (0.03)   |          |
| Durables           | 0.00     |          | 0.00*    |          | 0.00     |          | 0.00***  |         | -0.00**  |          | -0.00**  |          |
|                    | (0.00)   |          | (0.00)   |          | (0.00)   |          | (0.00)   |         | (0.00)   |          | (0.00)   |          |
| CV of luxuries     |          | -0.17*** |          | 0.00     |          | -0.02    |          | -0.07*  |          | 0.03     |          | -0.09    |
|                    |          | (0.04)   |          | (0.01)   |          | (0.01)   |          | (0.03)  |          | (0.03)   |          | (0.11)   |
| Luxuries           |          | -0.00**  |          | 0.00     |          | -0.00    |          | 0.00    |          | 0.00     |          | 0.00*    |
|                    |          | (0.00)   |          | (0.00)   |          | (0.00)   |          | (0.00)  |          | (0.00)   |          | (0.00)   |
| Median of luxuries |          | -0.03    |          | 0.01**   |          | 0.01*    |          | 0.03    |          | 0.02**   |          | 0.05     |
|                    |          | (0.03)   |          | (0.00)   |          | (0.00)   |          | (0.02)  |          | (0.01)   |          | (0.04)   |
| Age                | 0.00     | 0.01*    | 0.00***  | 0.00***  | 0.00**   | 0.00**   | 0.00     | 0.00    | -0.01*** | -0.01*** | 0.02**   | 0.02**   |
|                    | (0.00)   | (0.00)   | (0.00)   | (0.00)   | (0.00)   | (0.00)   | (0.00)   | (0.00)  | (0.00)   | (0.00)   | (0.01)   | (0.01)   |
| Male               | -0.36*** | -0.33*** | -0.05**  | -0.04**  | -0.01    | -0.01    | 0.98***  | 0.98*** | -1.13*** | -1.14*** | -0.29    | -0.33    |
|                    | (0.02)   | (0.02)   | (0.02)   | (0.02)   | (0.02)   | (0.02)   | (0.08)   | (0.08)  | (0.05)   | (0.05)   | (0.34)   | (0.33)   |
| Count              | 0.00     | 0.01     | -0.00    | -0.00    | -0.01    | -0.01    | 0.00     | 0.00    | -0.00    | -0.00    | 0.05     | 0.06     |
|                    | (0.02)   | (0.02)   | (0.00)   | (0.00)   | (0.01)   | (0.00)   | (0.01)   | (0.01)  | (0.01)   | (0.01)   | (0.05)   | (0.05)   |
| Distance to town   | -0.01    | -0.00    | -0.00    | -0.00    | -0.00    | -0.00    | -0.01**  | -0.01** | -0.01**  | -0.01*** | 0.01     | 0.01     |
|                    | (0.01)   | (0.01)   | (0.00)   | (0.00)   | (0.00)   | (0.00)   | (0.00)   | (0.00)  | (0.00)   | (0.00)   | (0.01)   | (0.01)   |
| Education          | -0.04*   | -0.03*   | -0.01*** | -0.01*** | -0.02*** | -0.02*** | -0.02*   | -0.03** | 0.02     | 0.02     | 0.18**   | 0.17**   |
|                    | (0.02)   | (0.02)   | (0.00)   | (0.00)   | (0.01)   | (0.01)   | (0.01)   | (0.01)  | (0.01)   | (0.01)   | (0.08)   | (0.08)   |
| HH in village      | -0.00    | -0.00    | 0.00     | 0.00     | -0.00    | -0.00    | 0.00     | 0.00    | 0.00**   | 0.00**   | 0.00     | 0.01     |
|                    | (0.00)   | (0.00)   | (0.00)   | (0.00)   | (0.00)   | (0.00)   | (0.00)   | (0.00)  | (0.00)   | (0.00)   | (0.01)   | (0.01)   |
| Constant           | 5.20***  | 5.53***  | 0.61***  | 0.56***  | 0.33***  | 0.33***  | -0.53*** | -0.47** | -0.05    | -0.17    | 21.54*** | 21.74*** |
|                    | (0.20)   | (0.21)   | (0.06)   | (0.06)   | (0.04)   | (0.05)   | (0.14)   | (0.16)  | (0.09)   | (0.14)   | (0.46)   | (0.57)   |
| N                  | 2,861    | 2,861    | 3,956    | 3,956    | 3,956    | 3,956    | 2,888    | 2,888   | 3,934    | 3,934    | 2,902    | 2,902    |
| R <sup>2</sup>     | 0.08     | 0.09     | 0.21     | 0.21     | 0.06     | 0.06     | 0.25     | 0.26    | 0.43     | 0.43     | 0.04     | 0.04     |

Notes: \*\*\* p<.01, \*\* p<.05, \* p<.10. All regressions included robust standard errors (in parentheses) adjusted for clustering at the village level and year fixed effects. HH denotes households, Addict. denotes addictions. The median of durable assets was omitted from the regression results because of collinearity.



**Table B6.** Full regression results: Association between **low visibility coefficient of variation (CV)** of community economic inequality on individual health using the nine-year panel (2002-2010) of 13 villages (Table 3, section III)

|                     | Stress             | Stress             | Ill               | Ill                | Bed                | Bed                | Addict.           | Addict.           | Arm                | Arm                | BMI                | BMI                |
|---------------------|--------------------|--------------------|-------------------|--------------------|--------------------|--------------------|-------------------|-------------------|--------------------|--------------------|--------------------|--------------------|
| CV of plantings     | -0.29<br>(0.32)    |                    | -0.13<br>(0.09)   |                    | -0.03<br>(0.09)    |                    | -0.13<br>(0.15)   |                   | -0.18<br>(0.14)    |                    | -0.81<br>(0.71)    |                    |
| Plantings           | -0.01<br>(0.02)    |                    | 0.01**<br>(0.00)  |                    | 0.01**<br>(0.00)   |                    | -0.01<br>(0.01)   |                   | 0.00<br>(0.01)     |                    | -0.03<br>(0.04)    |                    |
| Median plantings    | 0.07<br>(0.12)     |                    | 0.01<br>(0.02)    |                    | 0.08**<br>(0.03)   |                    | -0.04<br>(0.05)   |                   | 0.07<br>(0.08)     |                    | 0.34<br>(0.30)     |                    |
| CV forest cleared   |                    | -0.21<br>(0.23)    |                   | -0.14*<br>(0.07)   |                    | -0.04<br>(0.07)    |                   | -0.24*<br>(0.13)  |                    | -0.28**<br>(0.09)  |                    | -1.16**<br>(0.39)  |
| Forest cleared      |                    | -0.01<br>(0.02)    |                   | 0.01*<br>(0.00)    |                    | 0.01**<br>(0.01)   |                   | -0.01<br>(0.01)   |                    | 0.01<br>(0.02)     |                    | -0.04<br>(0.05)    |
| Median forest clear |                    | 0.17*<br>(0.08)    |                   | -0.00<br>(0.03)    |                    | 0.02<br>(0.04)     |                   | -0.06<br>(0.04)   |                    | 0.10<br>(0.07)     |                    | 0.62**<br>(0.28)   |
| Age                 | 0.01*<br>(0.00)    | 0.00*<br>(0.00)    | 0.00***<br>(0.00) | 0.00***<br>(0.00)  | 0.00**<br>(0.00)   | 0.00**<br>(0.00)   | 0.00<br>(0.00)    | 0.00<br>(0.00)    | -0.01***<br>(0.00) | -0.00***<br>(0.00) | 0.03***<br>(0.01)  | 0.02***<br>(0.01)  |
| Male                | -0.36***<br>(0.02) | -0.32***<br>(0.02) | -0.05**<br>(0.02) | -0.06***<br>(0.02) | -0.01<br>(0.02)    | -0.01<br>(0.02)    | 1.00***<br>(0.08) | 0.99***<br>(0.08) | -1.14***<br>(0.05) | -1.14***<br>(0.05) | -0.35<br>(0.32)    | -0.27<br>(0.32)    |
| Count               | 0.00<br>(0.01)     | 0.02<br>(0.01)     | -0.00<br>(0.00)   | 0.00<br>(0.00)     | -0.00<br>(0.00)    | -0.01**<br>(0.00)  | 0.00<br>(0.01)    | 0.00<br>(0.01)    | -0.00<br>(0.01)    | 0.00<br>(0.01)     | 0.06<br>(0.05)     | 0.08*<br>(0.04)    |
| Distance to town    | -0.01<br>(0.01)    | -0.01<br>(0.01)    | -0.00<br>(0.00)   | -0.00<br>(0.00)    | -0.00**<br>(0.00)  | -0.00<br>(0.00)    | -0.01**<br>(0.00) | -0.01**<br>(0.00) | -0.01**<br>(0.00)  | -0.01**<br>(0.00)  | 0.01<br>(0.01)     | 0.01<br>(0.01)     |
| Education           | -0.03<br>(0.02)    | -0.03*<br>(0.02)   | -0.01**<br>(0.00) | -0.01**<br>(0.00)  | -0.02***<br>(0.01) | -0.02***<br>(0.00) | -0.03*<br>(0.01)  | -0.03*<br>(0.01)  | 0.02*<br>(0.01)    | 0.02<br>(0.01)     | 0.18**<br>(0.08)   | 0.19**<br>(0.08)   |
| HH in village       | -0.00<br>(0.01)    | -0.00<br>(0.00)    | 0.00<br>(0.00)    | 0.00<br>(0.00)     | 0.00<br>(0.00)     | -0.00<br>(0.00)    | 0.00<br>(0.00)    | 0.00<br>(0.00)    | 0.00**<br>(0.00)   | 0.00***<br>(0.00)  | 0.01<br>(0.01)     | 0.01<br>(0.01)     |
| Constant            | 5.13***<br>(0.53)  | 4.07***<br>(0.32)  | 0.99***<br>(0.10) | 0.76***<br>(0.09)  | 0.16<br>(0.12)     | 0.38***<br>(0.08)  | -0.40*<br>(0.19)  | -0.32*<br>(0.15)  | -0.04<br>(0.23)    | 0.06<br>(0.20)     | 21.52***<br>(0.95) | 21.28***<br>(0.66) |
| N                   | 2,848              | 3,838              | 3,925             | 4,943              | 3,932              | 5,098              | 2,836             | 2,839             | 3,903              | 4,817              | 2,895              | 3,523              |
| R <sup>2</sup>      | 0.08               | 0.09               | 0.21              | 0.17               | 0.07               | 0.05               | 0.25              | 0.25              | 0.43               | 0.43               | 0.05               | 0.06               |

Notes: \*\*\* p<.01, \*\* p<.05, \* p<.10. All regressions included robust standard errors (in parentheses) adjusted for clustering at the village level and year fixed effects. HH denotes households, Addict. denotes addictions.

**Table B7.** Full regression results: Association between **high visibility Gini coefficient** of village economic inequality and individual health using the two-year panel (2008-2009) of 40 villages (Table 4, section I)

|                  | Stress  | Stress   | Cardiovascular |          |           |           |            |            | Addict. | Addict. | BMI      | BMI      |
|------------------|---------|----------|----------------|----------|-----------|-----------|------------|------------|---------|---------|----------|----------|
|                  |         |          | Systolic       | Systolic | Diastolic | Diastolic | Pulse rate | Pulse rate |         |         |          |          |
| Gini of wildlife | -1.07*  |          | 6.90           |          | 1.22      |           | -4.48      |            | -0.02   |         | 0.35     |          |
|                  | (0.54)  |          | (5.91)         |          | (5.78)    |           | (5.28)     |            | (0.60)  |         | (1.14)   |          |
| Wildlife         | 0.02*   |          | 0.01           |          | 0.00      |           | -0.07      |            | 0.03**  |         | 0.05     |          |
|                  | (0.01)  |          | (0.12)         |          | (0.11)    |           | (0.09)     |            | (0.01)  |         | (0.04)   |          |
| Median wildlife  | -0.16*  |          | 1.23           |          | 0.62      |           | 0.21       |            | -0.00   |         | 0.45**   |          |
|                  | (0.10)  |          | (0.90)         |          | (0.68)    |           | (0.83)     |            | (0.12)  |         | (0.17)   |          |
| Gini of meat     |         | -0.25    |                | -5.27    |           | -2.78     |            | 1.65       |         | 0.34    |          | 0.76     |
|                  |         | (0.42)   |                | (5.89)   |           | (4.69)    |            | (3.49)     |         | (0.38)  |          | (1.04)   |
| Meat             |         | 0.04**   |                | 0.11     |           | -0.09     |            | -0.22      |         | 0.05*   |          | -0.00    |
|                  |         | (0.02)   |                | (0.29)   |           | (0.24)    |            | (0.19)     |         | (0.02)  |          | (0.06)   |
| Median of meat   |         | -0.08    |                | -3.76*   |           | -0.97     |            | 2.01***    |         | 0.35    |          | -0.35    |
|                  |         | (0.17)   |                | (2.13)   |           | (1.27)    |            | (0.69)     |         | (0.22)  |          | (0.28)   |
| Age              | 0.01*** | 0.01***  | 0.06**         | 0.07***  | 0.04*     | 0.04*     | -0.04      | -0.05*     | 0.01*** | 0.01**  | 0.14***  | 0.15***  |
|                  | (0.00)  | (0.00)   | (0.02)         | (0.02)   | (0.02)    | (0.02)    | (0.03)     | (0.03)     | (0.00)  | (0.00)  | (0.01)   | (0.01)   |
| Male             | -0.00   | -0.00    | 9.98***        | 10.09*** | 3.35***   | 3.46***   | -5.72***   | -5.64***   | 0.98*** | 0.98*** | 0.25     | 0.25     |
|                  | (0.04)  | (0.04)   | (0.72)         | (0.70)   | (0.71)    | (0.69)    | (0.72)     | (0.72)     | (0.11)  | (0.10)  | (0.17)   | (0.17)   |
| HH in village    | 0.00    | -0.00    | -0.11***       | -0.11*** | -0.01     | -0.00     | 0.07**     | 0.08**     | -0.00   | -0.00   | -0.02*** | -0.02*** |
|                  | (0.00)  | (0.00)   | (0.03)         | (0.04)   | (0.03)    | (0.03)    | (0.03)     | (0.03)     | (0.00)  | (0.00)  | (0.01)   | (0.01)   |
| Distance to town | 0.00    | 0.00     | -0.01          | -0.07    | -0.08     | -0.08     | -0.12      | -0.07      | -0.01   | 0.00    | -0.04**  | -0.04*   |
|                  | (0.01)  | (0.01)   | (0.12)         | (0.11)   | (0.10)    | (0.10)    | (0.07)     | (0.08)     | (0.01)  | (0.01)  | (0.02)   | (0.02)   |
| Education        | -0.03** | -0.03**  | -0.04          | -0.03    | 0.07      | 0.04      | -0.20      | -0.27      | -0.01   | -0.01   | 0.39***  | 0.38***  |
|                  | (0.01)  | (0.01)   | (0.18)         | (0.19)   | (0.15)    | (0.15)    | (0.15)     | (0.16)     | (0.02)  | (0.02)  | (0.04)   | (0.04)   |
| T <sub>1</sub>   | -0.29** | -0.31**  | -0.51          | -1.53    | 1.00      | 0.56      | 0.42       | 0.77       | 0.09    | 0.18    | 0.07     | 0.04     |
|                  | (0.11)  | (0.12)   | (1.31)         | (1.39)   | (1.17)    | (1.28)    | (1.03)     | (0.95)     | (0.16)  | (0.12)  | (0.22)   | (0.28)   |
| T <sub>2</sub>   | -0.29** | -0.31*** | -2.64          | -2.74    | -1.50     | -1.77     | 0.54       | -0.03      | -0.15   | -0.17   | 0.13     | -0.15    |

|                |         |         |           |           |          |          |          |          |        |          |          |          |
|----------------|---------|---------|-----------|-----------|----------|----------|----------|----------|--------|----------|----------|----------|
|                | (0.11)  | (0.11)  | (1.92)    | (1.70)    | (1.44)   | (1.37)   | (1.05)   | (0.77)   | (0.16) | (0.12)   | (0.26)   | (0.26)   |
| Constant       | 2.43*** | 1.88*** | 105.79*** | 116.53*** | 65.90*** | 69.80*** | 81.12*** | 77.03*** | -0.47  | -0.93*** | 15.81*** | 16.48*** |
|                | (0.42)  | (0.33)  | (4.24)    | (4.44)    | (3.89)   | (3.33)   | (3.86)   | (2.81)   | (0.54) | (0.29)   | (0.73)   | (0.78)   |
| N              | 972     | 972     | 906       | 906       | 906      | 906      | 906      | 906      | 956    | 956      | 1,584    | 1,584    |
| R <sup>2</sup> | 0.09    | 0.08    | 0.21      | 0.22      | 0.07     | 0.07     | 0.11     | 0.11     | 0.24   | 0.26     | 0.51     | 0.51     |

Notes: \*\*\* p<.01, \*\* p<.05, \* p<.10. All regressions included robust standard errors (in parentheses) adjusted for clustering at the village. T<sub>1</sub> denotes treatment 1, in-kind unconditional income transfers to all households in the treated village. T<sub>2</sub> denotes treatment 2, in-kind unconditional income transfers to the poorest households. HH denotes households, Addict. denotes addictions.

**Table B8.** Full regression results: Association between **medium visibility Gini coefficient** of village economic inequality and individual health using the two-year panel (2008-2009) of 40 villages (Table 4, section II)

|                  | Stress  |         | Cardiovascular |          |           |           |            |            | Addict. | Addict. | BMI    | BMI    |
|------------------|---------|---------|----------------|----------|-----------|-----------|------------|------------|---------|---------|--------|--------|
|                  |         |         | Systolic       | Systolic | Diastolic | Diastolic | Pulse rate | Pulse rate |         |         |        |        |
| Gini of durables | 0.02    |         | 5.37*          |          | -1.02     |           | -2.63**    |            | -0.12   |         | 1.01** |        |
|                  | (0.17)  |         | (3.02)         |          | (2.23)    |           | (1.21)     |            | (0.17)  |         | (0.47) |        |
| Durables         | -0.00   |         | 0.00           |          | 0.00      |           | -0.01***   |            | 0.00    |         | -0.00* |        |
|                  | (0.00)  |         | (0.00)         |          | (0.00)    |           | (0.00)     |            | (0.00)  |         | (0.00) |        |
| Gini of luxuries |         | -0.51   |                | 13.16    |           | 3.27      |            | 3.05       |         | -0.15   |        | 3.97*  |
|                  |         | (0.61)  |                | (10.66)  |           | (8.20)    |            | (6.25)     |         | (0.83)  |        | (2.21) |
| Luxuries         |         | 0.00*** |                | 0.00     |           | 0.00      |            | -0.01      |         | 0.00**  |        | 0.00** |
|                  |         | (0.00)  |                | (0.01)   |           | (0.00)    |            | (0.01)     |         | (0.00)  |        | (0.00) |
| Median luxuries  |         | 0.00    |                | 0.37     |           | 0.41      |            | 0.35       |         | 0.07    |        | 0.05   |
|                  |         | (0.04)  |                | (0.33)   |           | (0.29)    |            | (0.25)     |         | (0.05)  |        | (0.08) |
| Age              | 0.01*** | 0.01*** | 0.06***        | 0.06***  | 0.04*     | 0.04*     | -0.05*     | -0.05*     | 0.01*** | 0.01*** | 0.01*  | 0.01*  |
|                  | (0.00)  | (0.00)  | (0.02)         | (0.02)   | (0.02)    | (0.02)    | (0.03)     | (0.03)     | (0.00)  | (0.00)  | (0.01) | (0.01) |
| Male             | -0.00   | -0.04   | 9.79***        | 9.94***  | 3.25***   | 3.31***   | -5.34***   | -5.59***   | 0.97*** | 0.93*** | -0.13  | -0.15  |
|                  | (0.04)  | (0.04)  | (0.73)         | (0.70)   | (0.69)    | (0.60)    | (0.69)     | (0.73)     | (0.10)  | (0.09)  | (0.29) | (0.26) |
| HH in village    | -0.00   | -0.00   | -0.12***       | -0.09*** | 0.00      | 0.01      | 0.08**     | 0.07**     | -0.00   | -0.00   | 0.00   | 0.01   |
|                  | (0.00)  | (0.00)  | (0.04)         | (0.03)   | (0.03)    | (0.02)    | (0.03)     | (0.04)     | (0.00)  | (0.00)  | (0.01) | (0.01) |
| Distance to town | 0.00    | 0.01    | -0.00          | -0.04    | -0.05     | -0.04     | -0.11      | -0.10      | -0.01   | 0.00    | -0.04* | -0.06* |
|                  | (0.01)  | (0.01)  | (0.10)         | (0.13)   | (0.09)    | (0.09)    | (0.07)     | (0.08)     | (0.01)  | (0.01)  | (0.03) | (0.03) |
| Education        | -0.03** | -0.02** | 0.01           | -0.01    | 0.06      |           | -0.29*     | -0.21      | -0.01   | -0.00   | 0.03   | 0.03   |
|                  | (0.01)  | (0.01)  | (0.20)         | (0.18)   | (0.15)    |           | (0.15)     | (0.16)     | (0.02)  | (0.01)  | (0.04) | (0.04) |
| T <sub>1</sub>   | -0.28** | -0.28** | -1.26          | -0.60    | 1.23      | 0.78      | 0.84       | 0.23       | 0.11    | 0.08    | 0.42   | 0.59   |
|                  | (0.13)  | (0.12)  | (1.38)         | (1.19)   | (1.22)    | (1.09)    | (0.95)     | (0.97)     | (0.16)  | (0.14)  | (0.35) | (0.35) |
| T <sub>2</sub>   | -0.30** | -0.27** | -2.67          | -3.37**  | -1.67     | -1.87     | -0.09      | -0.14      | -0.15   | -0.13   | 0.03   | -0.20  |

|                |         |         |           |          |          |          |          |          |        |        |          |          |
|----------------|---------|---------|-----------|----------|----------|----------|----------|----------|--------|--------|----------|----------|
|                | (0.11)  | (0.10)  | (1.76)    | (1.65)   | (1.40)   | (1.33)   | (0.83)   | (0.93)   | (0.14) | (0.10) | (0.37)   | (0.36)   |
| Constant       | 1.71*** | 2.12*** | 106.94*** | 99.67*** | 67.89*** | 64.40*** | 81.13*** | 76.32*** | -0.35* | -0.45  | 22.43*** | 19.80*** |
|                | (0.15)  | (0.53)  | (3.25)    | (9.68)   | (2.17)   | (7.20)   | (1.85)   | (5.72)   | (0.21) | (0.75) | (0.61)   | (2.04)   |
| N              | 972     | 972     | 902       | 902      | 902      | 924      | 902      | 902      | 956    | 956    | 673      | 673      |
| R <sup>2</sup> | 0.07    | 0.09    | 0.22      | 0.21     | 0.07     | 0.07     | 0.11     | 0.11     | 0.23   | 0.26   | 0.03     | 0.03     |

Notes: \*\*\* p<.01, \*\* p<.05, \* p<.10. All regressions included robust standard errors (in parentheses) adjusted for clustering at the village. T<sub>1</sub> denotes treatment 1, in-kind unconditional income transfers to all households in the treated village. T<sub>2</sub> denotes treatment 2, in-kind unconditional income transfers to the poorest households. HH denotes households, Addict. denotes addictions. The median of durable assets was omitted from the regression results because of collinearity.

**Table B9.** Full regression results: Association between **low visibility Gini coefficient** of village economic inequality and individual health using the two-year panel (2008-2009) of 40 villages (Table 4, section III)

|                      | Stress             |                    | Cardiovascular     |                    |                   |                   |                    |                    | Addict.           | Addict.           | BMI                | BMI                |
|----------------------|--------------------|--------------------|--------------------|--------------------|-------------------|-------------------|--------------------|--------------------|-------------------|-------------------|--------------------|--------------------|
|                      |                    |                    | Systolic           | Systolic           | Diastolic         | Diastolic         | Pulse rate         | Pulse rate         |                   |                   |                    |                    |
| Gini plantings       | 0.50<br>(0.35)     |                    | 0.24<br>(7.18)     |                    | 2.15<br>(6.46)    |                   | 7.29<br>(5.59)     |                    | -0.83<br>(0.73)   |                   | 1.10<br>(1.46)     |                    |
| Plantings            | 0.00<br>(0.01)     |                    | 0.20*<br>(0.11)    |                    | 0.14<br>(0.11)    |                   | -0.10<br>(0.07)    |                    | 0.01<br>(0.01)    |                   | -0.01<br>(0.05)    |                    |
| Median plantings     | 0.14***<br>(0.05)  |                    | 0.05<br>(0.68)     |                    | -0.58<br>(0.54)   |                   | 0.71<br>(0.45)     |                    | 0.14*<br>(0.08)   |                   | 0.35**<br>(0.14)   |                    |
| Gini of forest clear |                    | 0.77<br>(0.68)     |                    | -2.39<br>(10.52)   |                   | -0.81<br>(10.86)  |                    | 11.53<br>(7.31)    |                   | -1.68*<br>(0.83)  |                    | 0.65<br>(1.56)     |
| Forest cleared       |                    | 0.00<br>(0.01)     |                    | 0.16<br>(0.13)     |                   | 0.07<br>(0.10)    |                    | -0.08<br>(0.09)    |                   | 0.01<br>(0.02)    |                    | 0.02<br>(0.06)     |
| Median forest clear  |                    | 0.23***<br>(0.07)  |                    | 1.23<br>(1.31)     |                   | -0.15<br>(1.09)   |                    | -0.06<br>(0.90)    |                   | 0.14<br>(0.11)    |                    | 0.48*<br>(0.24)    |
| Age                  | 0.01***<br>(0.00)  | 0.01***<br>(0.00)  | 0.05**<br>(0.02)   | 0.06**<br>(0.02)   | 0.04<br>(0.02)    | 0.04<br>(0.02)    | -0.04<br>(0.03)    | -0.05*<br>(0.03)   | 0.01***<br>(0.00) | 0.01***<br>(0.00) | 0.14***<br>(0.01)  | 0.14***<br>(0.01)  |
| Male                 | -0.02<br>(0.04)    | -0.00<br>(0.04)    | 9.99***<br>(0.73)  | 10.00***<br>(0.73) | 3.42***<br>(0.69) | 3.39***<br>(0.70) | -5.68***<br>(0.73) | -5.59***<br>(0.71) | 0.97***<br>(0.10) | 0.97***<br>(0.10) | 0.29*<br>(0.17)    | 0.29*<br>(0.17)    |
| HH in village        | -0.00<br>(0.00)    | -0.00<br>(0.00)    | -0.09***<br>(0.03) | -0.10***<br>(0.04) | -0.00<br>(0.03)   | -0.00<br>(0.04)   | 0.06<br>(0.04)     | 0.06*<br>(0.03)    | -0.01<br>(0.00)   | -0.00<br>(0.00)   | -0.02***<br>(0.01) | -0.02***<br>(0.01) |
| Distance to town     | 0.01<br>(0.01)     | 0.01<br>(0.01)     | 0.03<br>(0.12)     | 0.07<br>(0.12)     | -0.09<br>(0.10)   | -0.06<br>(0.10)   | -0.09<br>(0.09)    | -0.14*<br>(0.08)   | 0.01<br>(0.01)    | 0.00<br>(0.01)    | -0.00<br>(0.02)    | -0.00<br>(0.02)    |
| Education            | -0.02**<br>(0.01)  | -0.03***<br>(0.01) | -0.07<br>(0.18)    | -0.09<br>(0.19)    | 0.04<br>(0.15)    | 0.04<br>(0.15)    | -0.24<br>(0.16)    | -0.25<br>(0.15)    | -0.01<br>(0.02)   | -0.01<br>(0.02)   | 0.37***<br>(0.04)  | 0.37***<br>(0.04)  |
| T <sub>1</sub>       | -0.31***<br>(0.11) | -0.35***<br>(0.10) | -0.63<br>(1.38)    | -0.62<br>(1.49)    | 0.83<br>(1.25)    | 0.99<br>(1.45)    | -0.01<br>(0.97)    | -0.21<br>(1.05)    | 0.11<br>(0.14)    | 0.15<br>(0.13)    | -0.01<br>(0.28)    | -0.06<br>(0.28)    |
| T <sub>2</sub>       | -0.28***<br>(0.10) | -0.31***<br>(0.11) | -2.69<br>(2.01)    | -2.68<br>(1.99)    | -1.97<br>(1.37)   | -1.77<br>(1.42)   | -0.19<br>(0.93)    | -0.32<br>(0.88)    | -0.11<br>(0.12)   | -0.14<br>(0.14)   | -0.11<br>(0.26)    | -0.16<br>(0.25)    |

|                |         |         |           |           |          |          |          |          |        |        |          |          |
|----------------|---------|---------|-----------|-----------|----------|----------|----------|----------|--------|--------|----------|----------|
| Constant       | 1.18*** | 1.07*** | 110.22*** | 109.28*** | 67.97*** | 67.78*** | 75.42*** | 75.94*** | -0.58  | -0.15  | 15.34*** | 15.54*** |
|                | (0.21)  | (0.29)  | (3.82)    | (4.47)    | (2.72)   | (4.07)   | (2.79)   | (3.50)   | (0.35) | (0.46) | (0.71)   | (0.73)   |
| N              | 971     | 971     | 905       | 905       | 905      | 905      | 905      | 905      | 955    | 955    | 1,581    | 1,581    |
| R <sup>2</sup> | 0.10    | 0.10    | 0.21      | 0.21      | 0.07     | 0.07     | 0.11     | 0.11     | 0.25   | 0.25   | 0.51     | 0.50     |

Notes: \*\*\* p<.01, \*\* p<.05, \* p<.10. All regressions included robust standard errors (in parentheses) adjusted for clustering at the village. T<sub>1</sub> denotes treatment 1, in-kind unconditional income transfers to all households in the treated village. T<sub>2</sub> denotes treatment 2, in-kind unconditional income transfers to the poorest households. HH denotes households, Addict. denotes addictions.

**Table B10.** Full regression results: Association between **high visibility coefficient of variation (CV)** of community economic inequality and individual health using the two-year panel (2008-2009) of 40 villages (Table 4, section IV)

|                  | Stress             |                    | Cardiovascular     |                    |                   |                   |                    | Addict.            | Addict.           | BMI               | BMI                |                    |
|------------------|--------------------|--------------------|--------------------|--------------------|-------------------|-------------------|--------------------|--------------------|-------------------|-------------------|--------------------|--------------------|
|                  |                    |                    | Systolic           | Systolic           | Diastolic         | Diastolic         | Pulse rate         | Pulse rate         |                   |                   |                    |                    |
| CV of wildlife   | -0.47***<br>(0.16) |                    | 3.90<br>(2.56)     |                    | 1.21<br>(1.81)    |                   | -2.68*<br>(1.51)   |                    | -0.12<br>(0.22)   |                   | 0.00<br>(0.46)     |                    |
| Wildlife         | 0.02*<br>(0.01)    |                    | -0.00<br>(0.13)    |                    | -0.01<br>(0.11)   |                   | -0.05<br>(0.09)    |                    | 0.04**<br>(0.01)  |                   | 0.05<br>(0.04)     |                    |
| Median wildlife  | -0.19**<br>(0.09)  |                    | 1.70<br>(1.03)     |                    | 0.88<br>(0.72)    |                   | -0.14<br>(0.69)    |                    | -0.04<br>(0.12)   |                   | 0.41**<br>(0.19)   |                    |
| CV of meat       |                    | -0.10<br>(0.10)    |                    | 0.45<br>(1.57)     |                   | 0.30<br>(1.62)    |                    | -0.05<br>(0.94)    |                   | 0.11*<br>(0.06)   |                    | 0.02<br>(0.17)     |
| Meat             |                    | 0.04**<br>(0.02)   |                    | 0.07<br>(0.30)     |                   | -0.11<br>(0.24)   |                    | -0.21<br>(0.19)    |                   | 0.05*<br>(0.02)   |                    | 0.00<br>(0.06)     |
| Median of meat   |                    | -0.09<br>(0.15)    |                    | -2.50<br>(2.04)    |                   | -0.27<br>(1.36)   |                    | 1.67**<br>(0.70)   |                   | 0.35*<br>(0.20)   |                    | -0.48**<br>(0.23)  |
| Age              | 0.01***<br>(0.00)  | 0.01***<br>(0.00)  | 0.06**<br>(0.02)   | 0.07***<br>(0.02)  | 0.04*<br>(0.02)   | 0.04*<br>(0.02)   | -0.04<br>(0.03)    | -0.05*<br>(0.03)   | 0.01***<br>(0.00) | 0.01**<br>(0.00)  | 0.14***<br>(0.01)  | 0.15***<br>(0.01)  |
| Male             | -0.00<br>(0.04)    | -0.00<br>(0.04)    | 9.96***<br>(0.73)  | 9.97***<br>(0.70)  | 3.34***<br>(0.71) | 3.39***<br>(0.69) | -5.71***<br>(0.72) | -5.61***<br>(0.71) | 0.98***<br>(0.11) | 0.98***<br>(0.10) | 0.25<br>(0.17)     | 0.25<br>(0.17)     |
| HH in village    | 0.00<br>(0.00)     | -0.00<br>(0.00)    | -0.11***<br>(0.03) | -0.11***<br>(0.03) | -0.01<br>(0.03)   | -0.01<br>(0.03)   | 0.08**<br>(0.03)   | 0.08**<br>(0.03)   | -0.00<br>(0.00)   | -0.00<br>(0.00)   | -0.02***<br>(0.01) | -0.02***<br>(0.01) |
| Distance to town | 0.01<br>(0.01)     | 0.00<br>(0.01)     | -0.04<br>(0.10)    | -0.06<br>(0.11)    | -0.09<br>(0.10)   | -0.08<br>(0.10)   | -0.10<br>(0.07)    | -0.07<br>(0.08)    | -0.01<br>(0.01)   | 0.00<br>(0.01)    | -0.04*<br>(0.02)   | -0.04*<br>(0.02)   |
| Education        | -0.03**<br>(0.01)  | -0.03**<br>(0.01)  | -0.04<br>(0.18)    | 0.02<br>(0.18)     | 0.07<br>(0.15)    | 0.06<br>(0.15)    | -0.19<br>(0.15)    | -0.28*<br>(0.16)   | -0.01<br>(0.02)   | -0.01<br>(0.02)   | 0.39***<br>(0.04)  | 0.38***<br>(0.04)  |
| T <sub>1</sub>   | -0.29**<br>(0.11)  | -0.33***<br>(0.12) | -0.52<br>(1.33)    | -0.68<br>(1.36)    | 0.99<br>(1.18)    | 1.05<br>(1.33)    | 0.43<br>(1.02)     | 0.55<br>(0.97)     | 0.09<br>(0.16)    | 0.20<br>(0.12)    | 0.07<br>(0.22)     | -0.04<br>(0.28)    |
| T <sub>2</sub>   | -0.25**            | -0.32***           | -2.98*             | -2.65              | -1.63             | -1.71             | 0.79               | -0.04              | -0.13             | -0.16             | 0.14               | -0.16              |



|                |         |         |           |           |          |          |          |          |        |          |          |          |
|----------------|---------|---------|-----------|-----------|----------|----------|----------|----------|--------|----------|----------|----------|
|                | (0.10)  | (0.11)  | (1.76)    | (1.73)    | (1.41)   | (1.38)   | (1.07)   | (0.73)   | (0.16) | (0.12)   | (0.25)   | (0.26)   |
| Constant       | 2.40*** | 1.88*** | 104.74*** | 111.90*** | 65.00*** | 67.23*** | 82.01*** | 78.31*** | -0.31  | -0.89*** | 16.03*** | 16.97*** |
|                | (0.31)  | (0.20)  | (4.31)    | (3.36)    | (3.14)   | (3.13)   | (2.71)   | (2.21)   | (0.49) | (0.16)   | (0.68)   | (0.46)   |
| N              | 972     | 972     | 906       | 906       | 906      | 906      | 906      | 906      | 956    | 956      | 1,584    | 1,584    |
| R <sup>2</sup> | 0.10    | 0.09    | 0.22      | 0.22      | 0.07     | 0.07     | 0.11     | 0.11     | 0.24   | 0.26     | 0.51     | 0.51     |

Notes: \*\*\* p<.01, \*\* p<.05, \* p<.10. All regressions included robust standard errors (in parentheses) adjusted for clustering at the village. T<sub>1</sub> denotes treatment 1, in-kind unconditional income transfers to all households in the treated village. T<sub>2</sub> denotes treatment 2, in-kind unconditional income transfers to the poorest households. HH denotes households, Addict. denotes addictions.

**Table B11.** Full regression results: Association between **medium visibility coefficient of variation (CV)** of community economic inequality and individual health using the two-year panel (2008-2009) of 40 villages (Table 4, section V)

|                  | Stress  |         | Cardiovascular |          |           |           |            |            | Addict. | Addict. | BMI     | BMI     |
|------------------|---------|---------|----------------|----------|-----------|-----------|------------|------------|---------|---------|---------|---------|
|                  |         |         | Systolic       | Systolic | Diastolic | Diastolic | Pulse rate | Pulse rate |         |         |         |         |
| CV of durables   | -0.03   |         | 0.98*          |          | -0.14     |           | -0.38      |            | -0.05** |         | 0.21**  |         |
|                  | (0.03)  |         | (0.50)         |          | (0.40)    |           | (0.27)     |            | (0.02)  |         | (0.09)  |         |
| Durables         | -0.00   |         | 0.00           |          | 0.00      |           | -0.01***   |            | 0.00    |         | -0.00*  |         |
|                  | (0.00)  |         | (0.00)         |          | (0.00)    |           | (0.00)     |            | (0.00)  |         | (0.00)  |         |
| CV of luxuries   |         | -0.07*  |                | 1.22*    |           | 0.31      |            | 0.04       |         | -0.01   |         | 0.37**  |
|                  |         | (0.04)  |                | (0.61)   |           | (0.47)    |            | (0.35)     |         | (0.04)  |         | (0.14)  |
| Luxuries         |         | 0.00*** |                | 0.00     |           | 0.00      |            | -0.01      |         | 0.00**  |         | 0.00**  |
|                  |         | (0.00)  |                | (0.01)   |           | (0.00)    |            | (0.01)     |         | (0.00)  |         | (0.00)  |
| Median luxuries  |         | 0.01    |                | 0.14     |           | 0.36**    |            | 0.28*      |         | 0.07    |         | -0.02   |
|                  |         | (0.04)  |                | (0.17)   |           | (0.17)    |            | (0.16)     |         | (0.05)  |         | (0.04)  |
| Age              | 0.01*** | 0.01*** | 0.06**         | 0.06**   | 0.04*     | 0.04*     | -0.05*     | -0.05*     | 0.01*** | 0.01**  | 0.01    | 0.01*   |
|                  | (0.00)  | (0.00)  | (0.02)         | (0.02)   | (0.02)    | (0.02)    | (0.03)     | (0.03)     | (0.00)  | (0.00)  | (0.01)  | (0.01)  |
| Male             | -0.00   | -0.04   | 9.97***        | 9.97***  | 3.22***   | 3.31***   | -5.42***   | -5.59***   | 0.96*** | 0.93*** | -0.09   | -0.15   |
|                  | (0.04)  | (0.04)  | (0.73)         | (0.70)   | (0.71)    | (0.60)    | (0.70)     | (0.73)     | (0.10)  | (0.09)  | (0.28)  | (0.26)  |
| HH in village    | 0.00    | -0.00   | -0.15***       | -0.09*** | 0.01      | 0.01      | 0.10**     | 0.07**     | -0.00   | -0.00   | -0.01   | 0.01    |
|                  | (0.00)  | (0.00)  | (0.05)         | (0.03)   | (0.04)    | (0.02)    | (0.04)     | (0.03)     | (0.00)  | (0.00)  | (0.01)  | (0.01)  |
| Distance to town | 0.00    | 0.01    | -0.03          | -0.07    | -0.05     | -0.05     | -0.10      | -0.09      | -0.00   | 0.00    | -0.05** | -0.07** |
|                  | (0.01)  | (0.01)  | (0.09)         | (0.12)   | (0.09)    | (0.09)    | (0.08)     | (0.08)     | (0.01)  | (0.01)  | (0.02)  | (0.03)  |
| Education        | -0.02** | -0.02** | -0.06          | -0.04    | 0.07      |           | -0.25      | -0.21      | -0.01   | -0.00   | 0.02    | 0.02    |
|                  | (0.01)  | (0.01)  | (0.20)         | (0.18)   | (0.15)    |           | (0.16)     | (0.15)     | (0.02)  | (0.01)  | (0.04)  | (0.04)  |
| T <sub>1</sub>   | -0.25** | -0.29** | -1.22          | -0.56    | 1.17      | 0.79      | 0.74       | 0.27       | 0.14    | 0.08    | 0.41    | 0.62*   |
|                  | (0.12)  | (0.12)  | (1.33)         | (1.21)   | (1.22)    | (1.11)    | (0.95)     | (0.96)     | (0.16)  | (0.14)  | (0.35)  | (0.35)  |
| T <sub>2</sub>   | -0.28** | -0.24** | -2.97*         | -3.78**  | -1.63     | -1.97     | 0.02       | 0.00       | -0.13   | -0.13   | -0.03   | -0.31   |
|                  | (0.11)  | (0.10)  | (1.68)         | (1.56)   | (1.39)    | (1.37)    | (0.82)     | (0.89)     | (0.14)  | (0.11)  | (0.35)  | (0.31)  |

|                |         |         |           |           |          |          |          |          |        |          |          |          |
|----------------|---------|---------|-----------|-----------|----------|----------|----------|----------|--------|----------|----------|----------|
| Constant       | 1.77*** | 1.86*** | 109.00*** | 107.63*** | 67.42*** | 66.35*** | 79.97*** | 78.70*** | -0.36* | -0.53*** | 22.77*** | 22.18*** |
|                | (0.15)  | (0.16)  | (2.29)    | (2.79)    | (1.76)   | (2.15)   | (1.62)   | (1.94)   | (0.20) | (0.17)   | (0.53)   | (0.66)   |
| N              | 972     | 972     | 902       | 902       | 902      | 924      | 902      | 902      | 956    | 956      | 673      | 673      |
| R <sup>2</sup> | 0.08    | 0.10    | 0.22      | 0.22      | 0.07     | 0.07     | 0.11     | 0.11     | 0.24   | 0.26     | 0.03     | 0.04     |

Notes: \*\*\* p<.01, \*\* p<.05, \* p<.10. All regressions included robust standard errors (in parentheses) adjusted for clustering at the village. T<sub>1</sub> denotes treatment 1, in-kind unconditional income transfers to all households in the treated village. T<sub>2</sub> denotes treatment 2, in-kind unconditional income transfers to the poorest households. HH denotes households, Addict. denotes addictions. The median of durable assets was omitted from the regression results because of collinearity.

**Table B12.** Full regression results: Association between **low visibility coefficient of variation (CV)** of community economic inequality and individual health using the two-year panel (2008-2009) of 40 villages (Table 4, section VI)

|                     | Stress   |          | Cardiovascular |          |           |           |            |            | Addict. | Addict. | BMI     | BMI     |
|---------------------|----------|----------|----------------|----------|-----------|-----------|------------|------------|---------|---------|---------|---------|
|                     |          |          | Systolic       | Systolic | Diastolic | Diastolic | Pulse rate | Pulse rate |         |         |         |         |
| CV of plantings     | 0.28**   |          | 0.30           |          | 1.49      |           | 1.86       |            | -0.19   |         | -0.20   |         |
|                     | (0.11)   |          | (2.60)         |          | (1.80)    |           | (1.65)     |            | (0.24)  |         | (0.39)  |         |
| Plantings           | -0.00    |          | 0.20*          |          | 0.13      |           | -0.10      |            | 0.01    |         | -0.01   |         |
|                     | (0.01)   |          | (0.10)         |          | (0.11)    |           | (0.07)     |            | (0.01)  |         | (0.05)  |         |
| Median plantings    | 0.15***  |          | 0.07           |          | -0.51     |           | 0.64       |            | 0.15*   |         | 0.30**  |         |
|                     | (0.04)   |          | (0.65)         |          | (0.55)    |           | (0.48)     |            | (0.09)  |         | (0.14)  |         |
| CV forest cleared   |          | 0.26     |                | -2.45    |           | -0.62     |            | 4.12*      |         | -0.31   |         | -0.52   |
|                     |          | (0.16)   |                | (2.93)   |           | (3.17)    |            | (2.30)     |         | (0.24)  |         | (0.50)  |
| Forest cleared      |          | 0.00     |                | 0.18     |           | 0.08      |            | -0.10      |         | 0.01    |         | 0.03    |
|                     |          | (0.01)   |                | (0.12)   |           | (0.11)    |            | (0.09)     |         | (0.02)  |         | (0.06)  |
| Median forest clear |          | 0.23***  |                | 1.10     |           | -0.17     |            | -0.17      |         | 0.17    |         | 0.41*   |
|                     |          | (0.08)   |                | (1.23)   |           | (1.04)    |            | (0.92)     |         | (0.11)  |         | (0.24)  |
| Age                 | 0.01***  | 0.01***  | 0.05**         | 0.06**   | 0.04      | 0.04      | -0.05      | -0.05*     | 0.01*** | 0.01*** | 0.14*** | 0.14*** |
|                     | (0.00)   | (0.00)   | (0.02)         | (0.02)   | (0.02)    | (0.02)    | (0.03)     | (0.03)     | (0.00)  | (0.00)  | (0.01)  | (0.01)  |
| Male                | -0.01    | -0.00    | 9.99***        | 9.96***  | 3.45***   | 3.38***   | -5.65***   | -5.56***   | 0.96*** | 0.97*** | 0.28*   | 0.27    |
|                     | (0.04)   | (0.04)   | (0.73)         | (0.74)   | (0.70)    | (0.70)    | (0.74)     | (0.72)     | (0.10)  | (0.10)  | (0.17)  | (0.17)  |
| HH in village       | -0.00    | -0.00    | -0.10***       | -0.10**  | -0.00     | 0.00      | 0.06       | 0.05       | -0.01   | -0.01   | -0.02** | -0.02** |
|                     | (0.00)   | (0.00)   | (0.03)         | (0.04)   | (0.03)    | (0.04)    | (0.04)     | (0.03)     | (0.00)  | (0.00)  | (0.01)  | (0.01)  |
| Distance to town    | 0.01     | 0.01     | 0.03           | 0.07     | -0.10     | -0.06     | -0.09      | -0.14*     | 0.01    | 0.00    | -0.00   | -0.00   |
|                     | (0.01)   | (0.01)   | (0.12)         | (0.12)   | (0.10)    | (0.10)    | (0.09)     | (0.08)     | (0.01)  | (0.01)  | (0.02)  | (0.02)  |
| Education           | -0.03**  | -0.03*** | -0.07          | -0.07    | 0.03      | 0.05      | -0.26      | -0.27*     | -0.01   | -0.01   | 0.37*** | 0.37*** |
|                     | (0.01)   | (0.01)   | (0.19)         | (0.20)   | (0.16)    | (0.16)    | (0.16)     | (0.16)     | (0.01)  | (0.02)  | (0.04)  | (0.04)  |
| T <sub>1</sub>      | -0.35*** | -0.37*** | -0.69          | -0.17    | 0.58      | 1.09      | -0.09      | -0.54      | 0.12    | 0.14    | 0.08    | 0.09    |
|                     | (0.11)   | (0.11)   | (1.42)         | (1.58)   | (1.29)    | (1.61)    | (1.11)     | (1.16)     | (0.16)  | (0.16)  | (0.30)  | (0.31)  |
| T <sub>2</sub>      | -0.30*** | -0.32*** | -2.72          | -2.52    | -2.08     | -1.73     | -0.19      | -0.41      | -0.11   | -0.14   | -0.06   | -0.10   |

|                |         |         |           |           |          |          |          |          |          |        |          |          |
|----------------|---------|---------|-----------|-----------|----------|----------|----------|----------|----------|--------|----------|----------|
|                | (0.10)  | (0.11)  | (1.98)    | (1.94)    | (1.36)   | (1.40)   | (0.90)   | (0.84)   | (0.12)   | (0.14) | (0.27)   | (0.25)   |
| Constant       | 1.18*** | 1.20*** | 110.10*** | 109.97*** | 67.77*** | 67.88*** | 76.92*** | 77.61*** | -0.77*** | -0.58* | 15.89*** | 16.11*** |
|                | (0.16)  | (0.18)  | (3.18)    | (3.23)    | (2.34)   | (2.66)   | (2.34)   | (2.65)   | (0.28)   | (0.31) | (0.52)   | (0.55)   |
| N              | 971     | 971     | 905       | 905       | 905      | 905      | 905      | 905      | 955      | 955    | 1,581    | 1,581    |
| R <sup>2</sup> | 0.10    | 0.10    | 0.21      | 0.21      | 0.08     | 0.07     | 0.11     | 0.11     | 0.25     | 0.24   | 0.51     | 0.51     |

Notes: \*\*\* p<.01, \*\* p<.05, \* p<.10. All regressions included robust standard errors (in parentheses) adjusted for clustering at the village. T<sub>1</sub> denotes treatment 1, in-kind unconditional income transfers to all households in the treated village. T<sub>2</sub> denotes treatment 2, in-kind unconditional income transfers to the poorest households. HH denotes households, Addict. denotes addictions.

### **3. Appendix C. Alternative specifications for our regression model**

For transparency, in this appendix we show several variants of the main analysis. We re-ran the regressions using village fixed-effects, using all measures of inequality simultaneously in the model, and controlling for a measure of reciprocity in recent interactions. We did not include these regressions as part of our main analysis due to limitations in the data. We provide further discussion in each of the following sections.

#### **3.1 Regressions using village fixed-effects**

In this section we present the results from our model including village fixed-effects. Because most of the inequality varies between villages, and relatively small variations occurs within villages, by adding village fixed-effects we may be removing some of the omitted variable bias, but also losing important signals in the data. This is reflected in the results shown in Table C1 and Table C2.

Table C1 shows the results from the 13 villages, measuring inequality using Gini coefficients (upper panel) and the coefficient of variation (lower panel). The results from Table 2 and Table 3 in the manuscript largely held up, except that several coefficients were no longer significant when adding village fixed-effects. The significant associations between inequality in resources with high visibility went from six to four, medium visibility decreased from nine to seven, and for resources of low visibility the significant coefficients went from four to one. All the coefficients kept their signs. Overall, Table C1 suggests that village inequality in less visible goods has a lower probability of being associated with health indicators, and village inequality is associated with improved perceived health and worse anthropometrics.

The results in Table C2 are more problematic, largely because there was not enough within village variation in several of the measures of economic resources we used. For example, we were able to measure the association between economic resources and health outcomes only for physical durable assets when using the Gini coefficient (Table C2, upper panel). The results using the coefficient of variation as our measure of inequality (Table C2, lower panel) showed largely similar results as Table 4 in our main manuscript, except that more associations were statistically significant, including diastolic pressure (with ambiguous results) and a consistent positive association between village inequality in all resources measured and BMI (also positive in the main manuscript).

**Table C1.** Association between village economic inequality, using the Gini coefficient and the coefficient of variation, and individual health indicators. Results from a nine-year panel (2002-2010) of 13 villages, with village and year fixed-effects.

| Village inequality of:                                   | Health outcomes |                 |               |                 |                |                |
|--|-----------------|-----------------|---------------|-----------------|----------------|----------------|
|  | Perceived       |                 |               | Anthropometrics |                |                |
|  | Stress          | Ill             | Bed           | Addiction       | Arm            | BMI            |
| <b>[I]. High visibility (Gini coefficient)</b>           |                 |                 |               |                 |                |                |
| <b>Wildlife</b>  | 0.48 (0.31)     | 0.01 (0.17)     | 0.04 (0.11)   | 0.51 (0.27)*    | -0.47 (0.30)   | -0.02 (0.44)   |
| N  | 3850            | 5007            | 5167          | 2888            | 4884           | 3562           |
| <b>Meat</b>  | -0.27 (0.57)    | -0.07 (0.15)    | -0.12 (0.10)  | -0.13 (0.22)    | -0.18 (0.19)   | 0.34 (0.58)    |
| N  | 3850            | 5007            | 5167          | 2888            | 4884           | 3562           |
| <b>[II]. Medium visibility (Gini coefficient)</b>        |                 |                 |               |                 |                |                |
| <b>Durables</b>  | -0.13 (0.16)    | -0.03 (0.02)*   | -0.01 (0.05)  | -0.06 (0.04)    | -0.08 (0.10)   | -0.16 (0.07)** |
| N  | 2861            | 3956            | 3956          | 2888            | 3934           | 2902           |
| <b>Luxuries</b>  | -1.97 (0.77)**  | -0.24 (0.06)*** | -0.02 (0.05)  | -0.02 (0.16)    | 0.07 (0.09)    | -0.67 (0.25)** |
| N  | 2861            | 3956            | 3956          | 2888            | 3934           | 2902           |
| <b>[III]. Low visibility (Gini coefficient)</b>          |                 |                 |               |                 |                |                |
| <b>Plantings</b>   | -0.11 (0.92)    | 0.02 (0.20)     | 0.26 (0.22)   | -0.46 (0.49)    | -0.29 (0.31)   | -0.13 (1.01)   |
| N  | 2848            | 3925            | 3932          | 2836            | 3903           | 2895           |
| <b>Forest</b>  | -0.61 (0.73)    | -0.08 (0.20)    | -0.03 (0.19)  | -0.30 (0.29)    | -0.24 (0.27)   | -0.13 (0.73)   |
| N  | 3838            | 4943            | 5098          | 2839            | 4817           | 3523           |
| <b>[IV]. High visibility (Coefficient of variation)</b>  |                 |                 |               |                 |                |                |
| <b>Wildlife</b>  | 0.04 (0.09)     | -0.02 (0.04)    | 0.02 (0.02)   | 0.17 (0.09)*    | -0.18 (0.07)** | 0.07 (0.15)    |
| N  | 3850            | 5007            | 5167          | 2888            | 4884           | 3562           |
| <b>Meat</b>  | -0.10 (0.11)    | -0.03 (0.02)*   | -0.01 (0.01)  | -0.03 (0.02)    | -0.02 (0.02)   | 0.06 (0.07)    |
| N  | 3850            | 5007            | 5167          | 2888            | 4884           | 3562           |
| <b>[V]. Medium visibility (Coefficient of variation)</b> |                 |                 |               |                 |                |                |
| <b>Durables</b>  | -0.01 (0.03)    | -0.01 (0.005)   | 0.001 (0.016) | 0.01 (0.01)     | -0.01 (0.01)   | 0.01 (0.01)    |
| N  | 2861            | 3956            | 3956          | 2888            | 3934           | 2902           |

|  |                |              |              |               |              |               |
|--|----------------|--------------|--------------|---------------|--------------|---------------|
| <b>Luxuries</b>  | -0.12 (0.05)** | 0.02 (0.02)  | -0.01 (0.01) | -0.03 (0.03)  | 0.01 (0.01)  | -0.08 (0.04)* |
| <b>N</b>   | 2861           | 3956         | 3956         | 2888          | 3934         | 2902          |
| <b>[VI]. Low visibility (Coefficient of variation)</b> |                |              |              |               |              |               |
| <b>Plantings</b>                                       | -0.20 (0.39)   | 0.00 (0.07)  | 0.09 (0.08)  | -0.16 (0.18)  | -0.07 (0.11) | -0.15 (0.31)  |
| <b>N</b>   | 2848           | 3925         | 3932         | 2836          | 3903         | 2895          |
| <b>Forest</b>  | -0.35 (0.22)   | -0.08 (0.06) | -0.02 (0.07) | -0.18 (0.10)* | -0.05 (0.05) | -0.19 (0.24)  |
|  | 3838           | 4943         | 5098         | 2839          | 4817         | 3523          |

Notes: \*\*\* p<.01, \*\* p<.05, \* p<.10. All regressions included robust standard errors (in parentheses) adjusted for clustering at the village level and the following covariates (coefficients not shown): year and village fixed-effects, individuals attributes (age, sex, education, number of annual surveys in which the subject participated, and level of the economic resource, i.e., level of wildlife, meat, durables, luxuries, plantings, and forest area cleared) and village attributes (village-to-town travel time, total number of households in village, and village median of the resource, i.e., median of wildlife, meat, durables, luxuries, plantings, and forest area cleared).



**Table C2.** Robustness analysis: Association between village economic inequality, using the Gini coefficient and the coefficient of variation, and individual health indicators. Results from a two-year panel (2008-2009) of 40 Tsimane' villages with village and year fixed-effects.

| Village inequality of                                    | Stress <sup>a</sup> | Health outcomes:                       |                 |                 |                 |                |
|--|---------------------|--|-----------------|-----------------|-----------------|----------------|
|  |                     | Cardiovascular indicators <sup>b</sup> |                 |                 | Addiction       | BMI            |
|  |                     | Systolic                               | Diastolic       | Pulse rate      |                 |                |
| <b>[I]. High visibility (Gini coefficient)</b>           |                     |  |                 |                 |                 |                |
| <b>Wildlife</b>  | -                   | -                                      | -               | -               | -               | -              |
| N  | 972                 | 906                                    | 906             | 906             | 956             | 1584           |
| <b>Meat</b>  | -                   | -                                      | -               | -               | -               | -              |
| N  | 972                 | 906                                    | 906             | 906             | 956             | 1584           |
| <b>[II]. Medium visibility (Gini coefficient)</b>        |                     |  |                 |                 |                 |                |
| <b>Durables</b>  | -0.47 (0.02)***     | 1.83 (0.40)***                         | -7.36 (.27)***  | -3.76 (0.44)*** | -0.02 (0.04)    | 1.01 (0.14)*** |
| N  | 972                 | 902                                    | 902             | 902             | 956             | 673            |
| <b>Luxuries</b>  | -                   | -                                      | -               | -               | -               | -              |
| N  | 972                 | 902                                    | 924             | 902             | 956             | 673            |
| <b>[III]. Low visibility (Gini coefficient)</b>          |                     |  |                 |                 |                 |                |
| <b>Plantings</b>   | -                   | -                                      | -               | -               | -               | -              |
| N  | 971                 | 905                                    | 905             | 905             | 955             | 1581           |
| <b>Forest</b>  | -                   | -                                      | -               | -               | -               | -              |
| N  | 971                 | 905                                    | 905             | 905             | 955             | 1581           |
| <b>[IV]. High visibility (Coefficient of variation)</b>  |                     |  |                 |                 |                 |                |
| <b>Wildlife</b>  | -0.04 (0.02)*       | 7.60 (0.53)***                         | -0.35 (0.40)    | +0.25 (0.36)    | -0.19 (0.04)*** | 0.23 (0.06)*** |
| N  | 972                 | 906                                    | 906             | 906             | 956             | 1584           |
| <b>Meat</b>  | +0.02 (0.01)***     | 0.23 (0.24)*                           | -0.54 (0.09)*** | 2.32 (0.12)***  | 0.33 (0.01)***  | 0.82 (0.03)*** |
| N  | 972                 | 906                                    | 906             | 906             | 956             | 1584           |
| <b>[V]. Medium visibility (Coefficient of variation)</b> |                     |  |                 |                 |                 |                |
| <b>Durables</b>  | -0.11 (0.005)***    | 0.44 (0.10)***                         | -1.78 (0.07)*** | 0.91 (0.11)***  | -0.01 (0.01)    | 0.24 (0.03)*** |

|  |                 |                |                |                |                 |                |
|--|-----------------|----------------|----------------|----------------|-----------------|----------------|
| <b>N</b>   | 972             | 902            | 902            | 902            | 956             | 673            |
| <b>Luxuries</b>  | -0.32 (0.01)*** | 1.64 (0.13)*** | 1.83 (0.04)*** | 0.03 (0.16)    | -0.36 (0.02)*** | 0.50 (0.04)*** |
| <b>N.</b>  | 972             | 902            | 924            | 902            | 956             | 673            |
| <b>[VI]. Low visibility (Coefficient of variation)</b> |                 |                |                |                |                 |                |
| <b>Plantings</b>                                       | 0.30 (0.02)***  | 3.10 (0.21)*** | 1.68 (0.19)*** | 2.88 (0.22)*** | 0.12 (0.03)***  | 1.01 (0.06)*** |
| <b>N</b>   | 971             | 905            | 905            | 905            | 955             | 1581           |
| <b>Forest</b>  | -               | -              | -              | -              | -               | -              |
| <b>N</b>   | 971             | 905            | 905            | 905            | 955             | 1581           |

Notes: \*\*\* p<.01, \*\* p<.05, \* p<.10. All regressions included robust standard errors (in parentheses) adjusted for clustering at the village level and the following covariates (coefficients not shown): year and village fixed-effects, individuals attributes (age, sex, education, and level of the economic resource, i.e., level of wildlife, meat, durables, luxuries, plantings, and forest area cleared) and village attributes (village-to-town travel time, total number of households in village, and village median of the resource, i.e., median of wildlife, meat, durables, luxuries, plantings, and forest area cleared), and two dummy variables, one for each of the two treatments. <sup>a</sup> We measured cardiovascular health using the average of three consecutive measures of systolic blood pressure, diastolic blood pressure, and pulse rate. <sup>b</sup> Our measure of stress for these regressions was improved by adapting Cohen et al.'s, Perceived Stress Scale (1983), based on our ethnographic work with the Tsimane'. We asked adults how often they had experience nine negative emotions in the week before the interview. Negative emotions included having problems with sleep, feeling angry, worried, sad, ashamed, envious, harried, feeling that one did not have enough time to do all one needed to do, and feeling things were not going well.

### **3.2 Regressions using all measures of inequality simultaneously in the model**

One limitation in our main analysis is that we analyzed each inequality domain in isolation. We did so to avoid multicollinearity. In this section, Table C3 and Table C4, we show the results from our main regressions when using all inequality domains simultaneously. The results from these regressions confirm our finding that less visible resources were less likely to show an association with health compared with more conspicuous resources. Inequality in resources of medium visibility showed the greatest likelihood of being significantly associated with health outcomes, followed by those of high visibility. As discussed in the main manuscript, behaviors with medium visibility were the most likely to be associated with health, probably because these resources were more likely to be individually owned and more likely to have measurement error.

**Table C3.** Association between various types of village economic inequality, using the Gini coefficient, and individual health indicators. Results from a nine-year panel (2002-2010) of 13 villages.

| Village inequality of:                | Health outcomes |                |               |                 |                |               |
|---------------------------------------|-----------------|----------------|---------------|-----------------|----------------|---------------|
|                                       | Perceived       |                |               | Anthropometrics |                |               |
|                                       | Stress          | Ill            | Bed           | Addiction       | Arm            | BMI           |
| <b>[I]. Gini coefficient</b>          |                 |                |               |                 |                |               |
| <b>Wildlife</b>                       | 1.07 (0.39)**   | -0.11 (0.19)   | -0.06 (0.16)  | -0.03 (0.34)    | -0.02 (0.23)   | -1.18 (0.91)  |
| <b>Meat</b>                           | -1.15 (0.68)    | -0.11 (0.16)   | -0.05 (0.15)  | -0.21 (0.24)    | -0.27 (0.33)   | -0.32 (0.88)  |
| <b>Durables</b>                       | -0.10 (0.11)    | -0.02 (0.03)   | -0.01 (0.05)  | -0.00 (0.07)    | -0.10 (0.11)   | -0.16 (0.31)  |
| <b>Luxuries</b>                       | -1.56 (0.47)*** | -0.26 (0.06)** | -0.03 (0.07)  | -0.06 (0.19)    | 0.25 (0.16)    | -0.35 (0.42)  |
| <b>Plantings</b>                      | -0.07 (1.56)    | -0.24 (0.24)   | 0.46 (0.38)   | 0.06 (0.75)     | -0.24 (0.75)   | 2.39 (2.49)   |
| <b>Forest</b>                         | 0.19 (1.76)     | -0.18 (0.36)   | -0.56 (0.41)  | -0.46 (0.57)    | -0.24 (0.76)   | -2.69 (2.34)  |
| <b>N</b>                              | 2847            | 3893           | 3893          | 2836            | 3878           | 2873          |
| <b>[II]. Coefficient of variation</b> |                 |                |               |                 |                |               |
| <b>Wildlife</b>                       | 0.31 (0.15)*    | -0.05 (0.07)   | -0.05 (0.04)  | -0.02 (0.11)    | -0.18 (0.07)** | 0.07 (0.15)   |
| <b>Meat</b>                           | -0.23 (0.16)    | -0.04 (0.02)*  | -0.02 (0.02)  | -0.04 (0.02)*   | -0.02 (0.02)   | 0.06 (0.07)   |
| <b>Durables</b>                       | -0.01 (0.02)    | -0.01 (0.01)   | -0.003 (0.01) | -0.00 (0.01)    | -0.01 (0.01)   | 0.01 (0.01)   |
| <b>Luxuries</b>                       | -0.09 (0.03)**  | 0.002 (0.01)   | -0.02 (0.01)  | -0.05 (0.03)    | 0.01 (0.01)    | -0.08 (0.04)* |
| <b>Plantings</b>                      | 0.28 (0.42)     | -0.05 (0.07)   | 0.10 (0.13)   | -0.01 (0.22)    | -0.07 (0.11)   | -0.15 (0.31)  |
| <b>Forest</b>                         | -0.58 (0.48)    | -0.09 (0.13)   | -0.09 (0.15)  | -0.12 (0.15)    | -0.05 (0.05)   | -0.19 (0.24)  |
| <b>N</b>                              | 2847            | 3893           | 3893          | 2836            | 4817           | 3523          |

Notes: \*\*\* p<.01, \*\* p<.05, \* p<.10. All regressions included robust standard errors (in parentheses) adjusted for clustering at the village level and the following covariates (coefficients not shown): year fixed-effects, individuals attributes (age, sex, education, number of annual surveys in which the subject participated, and level of the economic resource, i.e., level of wildlife, meat, durables, luxuries, plantings, and forest area cleared) and village attributes (village-to-town travel time, total number of households in village, and village median of the resource, i.e., median of wildlife, meat, durables, luxuries, plantings, and forest area cleared).

**Table C4.** Association between village economic inequality, using the Gini coefficient and the coefficient of variation, and individual health indicators. Results from a two-year panel (2008-2009) of 40 Tsimane' villages.

| Village inequality of                 | Health outcomes:    |  |               |              |                |                |
|---------------------------------------|---------------------|--|---------------|--------------|----------------|----------------|
|                                       | Stress <sup>a</sup> | Cardiovascular indicators <sup>b</sup> |               |              | Addiction      | BMI            |
|                                       |                     | Systolic                               | Diastolic     | Pulse rate   |                |                |
| <b>[I]. Gini coefficient</b>          |                     |  |               |              |                |                |
| Wildlife                              | -0.91 (0.63)        | 6.23 (7.32)                            | 12.62 (6.94)* | -2.09 (4.80) | 1.20 (0.61)*   | -1.94 (1.92)   |
| Meat                                  | -0.22 (0.48)        | -2.27 (8.06)                           | -2.70 (6.01)  | -5.38 (4.56) | 0.10 (0.53)    | -1.64 (1.93)   |
| Durables                              | -0.06 (0.19)        | 3.34 (2.98)                            | -3.42 (2.30)  | -1.99 (1.79) | -0.36 (0.17)** | 0.88 (0.73)    |
| Luxuries                              | -0.95 (0.68)        | 11.89 (10.82)                          | -6.77 (9.45)  | -0.45 (5.55) | -1.51 (0.79)*  | 5.22 (2.79)*   |
| Plantings                             | -0.12 (0.67)        | -5.77 (12.54)                          | -3.46 (8.88)  | 4.64 (6.65)  | -0.71 (0.90)   | -1.08 (2.78)   |
| Forest                                | 1.42 (0.95)         | -0.63 (18.19)                          | 1.83 (14.51)  | 8.34 (10.99) | -0.13 (1.13)   | 0.43 (4.47)    |
| N                                     | 971                 | 901                                    | 901           | 901          | 955            | 673            |
| <b>[IV]. Coefficient of variation</b> |                     |  |               |              |                |                |
| Wildlife                              | -0.45 (0.17)***     | 0.50 (2.67)                            | 2.95 (2.29)   | -2.63 (1.83) | 0.18 (0.28)    | -0.97 (0.63)   |
| Meat                                  | -0.04 (0.11)        | 1.77 (1.83)                            | -0.30 (2.02)  | -0.10 (1.13) | 0.09 (0.10)    | -0.14 (0.28)   |
| Durables                              | -0.02 (0.03)        | 0.94 (0.35)**                          | -0.30 (0.41)  | -0.10 (0.29) | -0.02 (0.03)   | 0.19 (0.11)*   |
| Luxuries                              | -0.04 (0.03)        | 0.91 (0.51)*                           | -0.09 (0.48)  | 0.30 (0.34)  | -0.08 (0.05)   | 0.43 (0.14)*** |
| Plantings                             | 0.34 (0.24)         | 2.78 (4.10)                            | 2.15 (3.44)   | -1.01 (2.30) | -0.52 (-0.28)* | 0.17 (0.87)    |
| Forest                                | -0.01 (0.30)        | -4.03 (5.31)                           | -2.22 (5.45)  | 6.04 (3.04)* | 0.56 (0.40)    | -0.67 (1.20)   |
| N                                     | 971                 | 901                                    | 901           | 901          | 955            | 673            |

**Notes:** \*\*\* p<.01, \*\* p<.05, \* p<.10. All regressions included robust standard errors (in parentheses) adjusted for clustering at the village level and the following covariates (coefficients not shown): year and village fixed-effects, individuals attributes (age, sex, education, and level of the economic resource, i.e., level of wildlife, meat, durables, luxuries, plantings, and forest area cleared) and village attributes (village-to-town travel time, total number of households in village, and village median of the resource, i.e., median of wildlife, meat, durables, luxuries, plantings, and forest area cleared), and two dummy variables, one for each of the two treatments. <sup>a</sup> We measured cardiovascular health using the average of three consecutive measures of systolic blood pressure, diastolic blood pressure, and pulse rate. <sup>b</sup> Our measure of stress for these regressions was improved by adapting Cohen et al.'s, Perceived Stress Scale (1983), based on our ethnographic work with the Tsimane'. We asked adults how often they had experience nine negative emotions in the week before the interview. Negative emotions included having problems with sleep, feeling angry, worried, sad, ashamed, envious, harried, feeling that one did not have enough time to do all one needed to do, and feeling things were not going well.

### 3.3 Regressions controlling for reciprocity

One of the potential explanations for our regression results is that reciprocity norms may be partially affecting our results. Various studies have confirmed that social comparisons matter, even in a relatively egalitarian society (Gurven et al., 2015; Saidi et al., 2013; Undurraga et al., 2016; Von Rueden et al., 2014). In Table C5 and Table C6 we show the results from our regressions, controlling for a measure of reciprocity. We asked the Tsimane' how many gifts they had received during the seven days before the interview and also how many gifts they had given away during the seven days before the interview. Using these data, we generated a dummy variable that indicated whether the person had recently given or received a gift from other Tsimane'. This indicator variable was not available for years 2002, 2003, and 2004 of the 13 village panel. We re-ran all our main regressions, including the robustness analysis, controlling for reciprocity using giving or receiving gifts as a proxy.

The results in Table C5, upper panel, and in Table C6, upper and lower panels, are largely the same as the results in Table 2 in the main manuscript, suggesting that reciprocity does not seem to mediate the relation between inequality and health outcomes. Interestingly, when using the coefficient of variation as our measure of inequality for the long panel (Table C5, lower panel) seven significant associations between resource inequality and health outcomes are no longer statistically significant, which hints at the idea that reciprocity may mediate some of the effects. A recent study by Gurven et al. (2015) suggests that economic inequality among the Tsimane' is positively associated with giving intensity and sharing, but the relation varied by village size and market exposure.

**Table C5.** Association between village economic inequality, using the Gini coefficient and the coefficient of variation, and individual health indicators. Results from a nine-year panel (2002-2010) of 13 villages, controlling for reciprocity.

| Village inequality of:                                   | Health outcomes |                |                 |                 |                |                |
|--|-----------------|----------------|-----------------|-----------------|----------------|----------------|
|  | Perceived       |                |                 | Anthropometrics |                |                |
|  | Stress          | Ill            | Bed             | Addiction       | Arm            | BMI            |
| <b>[I]. High visibility (Gini coefficient)</b>           |                 |                |                 |                 |                |                |
| <b>Wildlife</b>  | 1.45* (0.58)    | -0.13 (0.25)   | 0.22 (0.19)     | 0.27 (0.30)     | -0.14 (0.34)   | -0.70 (0.84)   |
| N  | 2313            | 3402           | 3042            | 2888            | 3402           | 2521           |
| <b>Meat</b>  | -0.71 (0.83)    | -0.21 (0.22)   | -0.07 (0.13)    | -0.30 (0.27)    | -0.60 (0.23)** | -1.71 (0.72)** |
| N  | 2313            | 3402           | 3042            | 2888            | 3402           | 2521           |
| <b>[II]. Medium visibility (Gini coefficient)</b>        |                 |                |                 |                 |                |                |
| <b>Durables</b>  | -0.25 (0.12)*   | -0.06 (0.02)** | -0.05 (0.06)    | -0.003 (0.06)   | -0.11 (0.08)   | -0.25 (0.24)   |
| N  | 2313            | 3402           | 3402            | 2888            | 3402           | 2521           |
| <b>Luxuries</b>  | -2.81 (0.89)*** | -0.24 (0.09)** | 0.01 (0.08)     | -0.14 (0.25)    | 0.15 (0.18)    | -0.05 (0.62)   |
| N  | 2313            | 3402           | 3402            | 2888            | 3402           | 2521           |
| <b>[III]. Low visibility (Gini coefficient)</b>          |                 |                |                 |                 |                |                |
| <b>Plantings</b>   | -0.87 (0.85)    | -0.27 (0.32)   | -0.09 (0.25)    | -0.23 (0.40)    | -0.74 (0.37)*  | -1.48 (2.18)   |
| N  | 2309            | 3349           | 3349            | 2836            | 3351           | 2493           |
| <b>Forest</b>  | 0.15 (0.89)     | -0.51 (0.35)   | -0.45 (0.28)    | -0.30 (0.31)    | -0.39 (0.44)   | -1.96 (2.28)   |
| N  | 2312            | 3352           | 3352            | 2839            | 3354           | 2495           |
| <b>[IV]. High visibility (Coefficient of variation)</b>  |                 |                |                 |                 |                |                |
| <b>Wildlife</b>  | 0.49 (0.19)**   | -0.07 (0.09)   | 0.04 (0.05)     | 0.06 (0.11)     | -0.11 (0.10)   | -0.31 (0.32)   |
| N  | 2313            | 3402           | 3402            | 2888            | 3402           | 2521           |
| <b>Meat</b>  | -0.17 (0.21)    | -0.05 (0.02)** | -0.01 (0.01)    | -0.03 (0.03)    | -0.04 (0.03)   | -0.09 (0.09)   |
| N  | 2313            | 3402           | 3402            | 2888            | 3402           | 2521           |
| <b>[V]. Medium visibility (Coefficient of variation)</b> |                 |                |                 |                 |                |                |
| <b>Durables</b>  | -0.01 (0.03)    | -0.05 (0.02)** | -0.01 (0.004)** | -0.01 (0.01)    | -0.01 (0.01)   | -0.01 (0.01)   |

|  |                |                 |              |               |                 |              |
|--|----------------|-----------------|--------------|---------------|-----------------|--------------|
| <b>N</b>   | 2861           | 2313            | 3402         | 3402          | 2888            | 3402         |
| <b>Luxuries</b>  | -0.12 (0.05)** | -0.24 (0.06)*** | 0.01 (0.02)  | -0.02 (0.01)  | -0.07 (0.03)*   | 0.01 (0.03)  |
| <b>N</b>   | 2861           | 2313            | 3402         | 3402          | 2888            | 3402         |
| <b>[VI]. Low visibility (Coefficient of variation)</b> |                |                 |              |               |                 |              |
| <b>Plantings</b>                                       | -0.44 (0.43)   | -0.10 (0.12)    | -0.06 (0.11) | -0.13 (0.15)  | -0.36 (0.10)*** | -0.99 (0.87) |
| <b>N</b>   | 2309           | 3349            | 3349         | 2836          | 3351            | 2493         |
| <b>Forest</b>  | -0.73 (0.37)*  | -0.18 (0.16)    | -0.22 (0.14) | -0.24 (0.13)* | -0.21 (0.12)    | -0.94 (0.64) |
|  | 2312           | 3352            | 3352         | 2839          | 3354            | 2493         |

Notes: \*\*\* p<.01, \*\* p<.05, \* p<.10. All regressions included robust standard errors (in parentheses) adjusted for clustering at the village level and the following covariates (coefficients not shown): year fixed-effects, individuals attributes (age, sex, education, number of annual surveys in which the subject participated, and level of the economic resource, i.e., level of wildlife, meat, durables, luxuries, plantings, and forest area cleared) and village attributes (village-to-town travel time, total number of households in village, and village median of the resource, i.e., median of wildlife, meat, durables, luxuries, plantings, and forest area cleared).



**Table C6.** Association between village economic inequality, using the Gini coefficient and the coefficient of variation, and individual health indicators. Results from a two-year panel (2008-2009) of 40 Tsimane' villages, controlling for reciprocity.

| Village inequality of                                    | Stress <sup>a</sup> | Health outcomes:                       |               |                |                | Addiction     | BMI |
|--|---------------------|--|---------------|----------------|----------------|---------------|-----|
|  |                     | Cardiovascular indicators <sup>b</sup> |               |                |                |               |     |
|  |                     | Systolic                               | Diastolic     | Pulse rate     |                |               |     |
| <b>[I]. High visibility (Gini coefficient)</b>           |                     |  |               |                |                |               |     |
| <b>Wildlife</b>  | -1.01 (0.54)*       | 6.78 (6.04)                            | 1.18 (5.78)   | -4.53 (5.33)   | -0.01 (0.59)   | 0.11 (1.59)   |     |
| <b>N</b>   | 972                 | 902                                    | 902           | 902            | 956            | 673           |     |
| <b>Meat</b>  | -0.21 (0.43)        | -5.51 (5.80)                           | -2.93 (4.61)  | 1.61 (3.52)    | 0.36 (0.38)    | -1.28 (1.63)  |     |
| <b>N</b>   | 972                 | 902                                    | 902           | 902            | 956            | 673           |     |
| <b>[II]. Medium visibility (Gini coefficient)</b>        |                     |  |               |                |                |               |     |
| <b>Durables</b>  | -0.01 (0.16)        | 5.35 (3.00)*                           | -1.08 (2.19)  | -2.65 (1.24)** | -0.13 (0.17)   | 0.93 (0.48)*  |     |
| <b>N</b>   | 972                 | 902                                    | 902           | 902            | 956            | 673           |     |
| <b>Luxuries</b>  | -0.60 (0.61)        | 13.03 (10.72)                          | 3.19 (8.19)   | 3.13 (6.29)    | -0.15 (0.83)   | 3.72 (2.14)*  |     |
| <b>N</b>   | 972                 | 902                                    | 924           | 902            | 956            | 673           |     |
| <b>[III]. Low visibility (Gini coefficient)</b>          |                     |  |               |                |                |               |     |
| <b>Plantings</b>   | 0.52 (0.35)         | 0.46 (7.14)                            | 2.49 (6.41)   | 7.38 (5.64)    | -0.82 (0.73)   | 1.06 (2.39)   |     |
| <b>N</b>   | 971                 | 901                                    | 901           | 901            | 955            | 673           |     |
| <b>Forest</b>  | 0.77 (0.68)         | -2.39 (10.42)                          | -0.75 (10.81) | 11.62 (7.34)   | -1.69 (0.83)** | 1.68 (3.03)   |     |
| <b>N</b>   | 971                 | 901                                    | 901           | 901            | 955            | 673           |     |
| <b>[IV]. High visibility (Coefficient of variation)</b>  |                     |  |               |                |                |               |     |
| <b>Wildlife</b>  | -0.45 (0.16)***     | 3.88 (2.58)                            | 1.21 (1.80)   | -2.71 (1.52)*  | -0.12 (0.22)   | 0.13 (0.75)   |     |
| <b>N</b>   | 972                 | 902                                    | 902           | 902            | 956            | 673           |     |
| <b>Meat</b>  | -0.09 (0.10)        | 0.39 (1.56)                            | 0.28 (1.61)   | -0.04 (0.94)   | 0.11 (0.06)    | -0.40 (0.23)* |     |
| <b>N</b>   | 972                 | 902                                    | 902           | 902            | 956            | 673           |     |
| <b>[V]. Medium visibility (Coefficient of variation)</b> |                     |  |               |                |                |               |     |
| <b>Durables</b>  | -0.03 (0.03)        | 0.98 (0.50)*                           | -0.14 (0.40)  | -0.38 (0.28)   | -0.05 (0.03)** | 0.21 (0.09)** |     |

|  |               |              |              |              |              |               |
|--|---------------|--------------|--------------|--------------|--------------|---------------|
| <b>N</b>   | 972           | 902          | 902          | 902          | 956          | 673           |
| <b>Luxuries</b>  | -0.07 (0.04)* | 1.21 (0.62)* | 0.30 (0.48)  | 0.05 (0.36)  | -0.02 (0.04) | 0.35 (0.14)** |
| <b>N.</b>  | 972           | 902          | 924          | 902          | 956          | 673           |
| <b>[VI]. Low visibility (Coefficient of variation)</b> |               |              |              |              |              |               |
| <b>Plantings</b>                                       | 0.29 (0.11)** | 0.35 (2.60)  | 1.65 (1.78)  | 1.97 (1.69)  | -0.18 (0.24) | -0.15 (0.69)  |
| <b>N</b>   | 971           | 901          | 901          | 901          | 955          | 673           |
| <b>Forest</b>  | 0.29 (0.17)*  | -2.48 (2.90) | -0.50 (3.16) | 4.35 (2.32)* | -0.30 (0.24) | -0.27 (0.94)  |
| <b>N</b>   | 971           | 901          | 901          | 901          | 955          | 673           |

Notes: \*\*\* p<.01, \*\* p<.05, \* p<.10. All regressions included robust standard errors (in parentheses) adjusted for clustering at the village level and the following covariates (coefficients not shown): year and village fixed-effects, individuals attributes (age, sex, education, and level of the economic resource, i.e., level of wildlife, meat, durables, luxuries, plantings, and forest area cleared) and village attributes (village-to-town travel time, total number of households in village, and village median of the resource, i.e., median of wildlife, meat, durables, luxuries, plantings, and forest area cleared), and two dummy variables, one for each of the two treatments. <sup>a</sup> We measured cardiovascular health using the average of three consecutive measures of systolic blood pressure, diastolic blood pressure, and pulse rate. <sup>b</sup> Our measure of stress for these regressions was improved by adapting Cohen et al.'s, Perceived Stress Scale (1983), based on our ethnographic work with the Tsimane'. We asked adults how often they had experience nine negative emotions in the week before the interview. Negative emotions included having problems with sleep, feeling angry, worried, sad, ashamed, envious, harried, feeling that one did not have enough time to do all one needed to do, and feeling things were not going well.

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