## Table S2: Model summary – Depression

|  | Relative Wealth | | | Absolute Wealth | | | No Covariates | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Variable | Mean | Lower 5% CI | Upper 95%CI | Mean | Lower 95% CI | Upper 95%CI | Mean | Lower 95% CI | Upper 95%CI |
| Intercept | -0.01 | -0.26 | 0.26 | -0.00 | -0.24 | 0.28 | 0.05 | -0.13 | 0.24 |
| Gini | 0.03 | -0.19 | 0.24 | 0.04 | -0.17 | 0.23 | 0.09 | -0.09 | 0.25 |
| Community Relative Wealth a | -0.04 | -0.12 | 0.04 |  |  |  |  |  |  |
| Sample Relative Wealth b |  |  |  | -0.04 | -0.11 | 0.04 | -0.07 | -0.15 | 0.01 |
| Mean Community Wealth c | -0.02 | -0.54 | 0.50 | 0.03 | -0.55 | 0.54 |  |  |  |
| Age | 0.27 | 0.18 | 0.36 | 0.27 | 0.18 | 0.36 |  |  |  |
| Sex=male | -0.49 | -0.62 | -0.36 | -0.49 | -0.62 | -0.36 |  |  |  |
| Distance to San Borja | -0.11 | -0.30 | 0.08 | -0.11 | -0.31 | 0.07 |  |  |  |
| Community Size | -0.14 | -0.40 | 0.09 | -0.14 | -0.38 | 0.11 |  |  |  |
| sd(Community) | 0.44 | 0.29 | 0.62 | 0.44 | 0.28 | 0.62 | 0.40 | 0.24 | 0.56 |
| sd(Household) | 0.29 | 0.13 | 0.43 | 0.30 | 0.12 | 0.43 | 0.34 | 0.18 | 0.49 |
| sd(Individual) | 0.09 | 0.00 | 0.22 | 0.09 | 0.00 | 0.22 | 0.13 | 0.00 | 0.30 |
| Goodness of fit (R2) | 0.34 | 0.26 | 0.41 | 0.34 | 0.25 | 0.42 | 0.27 | 0.17 | 0.36 |
| a Z-score centered on community mean | | | | | | | | | |
| b Z-score centered on full sample | | | | | | | | | |
| c Mean full sample Z-score for the community | | | | | | | | | |

## Table S3: Model summary – Social conflicts

|  | Relative Wealth | | | Absolute Wealth | | | No Covariates | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Variable | Mean | Lower 5% CI | Upper 95%CI | Mean | Lower 95% CI | Upper 95%CI | Mean | Lower 95% CI | Upper 95%CI |
| Intercept | -0.00 | -0.24 | 0.22 | -0.00 | -0.23 | 0.23 | 0.02 | -0.15 | 0.22 |
| Gini | -0.01 | -0.17 | 0.14 | -0.01 | -0.16 | 0.17 | -0.05 | -0.22 | 0.16 |
| Community Relative Wealth a | 0.01 | -0.11 | 0.11 |  |  |  |  |  |  |
| Sample Relative Wealth b |  |  |  | 0.01 | -0.11 | 0.12 | 0.01 | -0.11 | 0.12 |
| Mean Community Wealth c | -0.02 | -0.65 | 0.55 | -0.03 | -0.61 | 0.59 |  |  |  |
| Age | 0.17 | 0.04 | 0.31 | 0.17 | 0.04 | 0.31 |  |  |  |
| Sex=male | -0.07 | -0.23 | 0.12 | -0.07 | -0.26 | 0.10 |  |  |  |
| Distance to San Borja | 0.18 | -0.01 | 0.37 | 0.18 | 0.00 | 0.38 |  |  |  |
| Community Size | 0.04 | -0.15 | 0.25 | 0.05 | -0.14 | 0.25 |  |  |  |
| sd(Community) | 0.22 | 0.01 | 0.41 | 0.23 | 0.00 | 0.42 | 0.32 | 0.14 | 0.53 |
| sd(Household) | 0.48 | 0.32 | 0.64 | 0.49 | 0.33 | 0.65 | 0.49 | 0.33 | 0.65 |
| sd(Individual) | 0.11 | 0.00 | 0.26 | 0.11 | 0.00 | 0.25 | 0.11 | 0.00 | 0.26 |
| Goodness of fit (R2) | 0.32 | 0.20 | 0.43 | 0.33 | 0.21 | 0.43 | 0.31 | 0.20 | 0.42 |
| a Z-score centered on community mean | | | | | | | | | |
| b Z-score centered on full sample | | | | | | | | | |
| c Mean full sample Z-score for the community | | | | | | | | | |

## Table S4: Model summary – Fewer Labor partners

|  | Relative Wealth | | | Absolute Wealth | | | No Covariates | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Variable | Mean | Lower 5% CI | Upper 95%CI | Mean | Lower 95% CI | Upper 95%CI | Mean | Lower 95% CI | Upper 95%CI |
| Intercept | -0.03 | -0.22 | 0.18 | -0.03 | -0.24 | 0.15 | 0.03 | -0.15 | 0.19 |
| Gini | -0.09 | -0.33 | 0.13 | -0.09 | -0.33 | 0.13 | -0.06 | -0.23 | 0.13 |
| Community Relative Wealth a | -0.15 | -0.26 | -0.04 |  |  |  |  |  |  |
| Sample Relative Wealth b |  |  |  | -0.15 | -0.26 | -0.05 | -0.16 | -0.27 | -0.07 |
| Mean Community Wealth c | -0.23 | -0.80 | 0.33 | -0.09 | -0.62 | 0.53 |  |  |  |
| Age | 0.05 | -0.05 | 0.14 | 0.05 | -0.05 | 0.15 |  |  |  |
| Sex=male | -0.00 | -0.07 | 0.06 | -0.00 | -0.07 | 0.07 |  |  |  |
| Distance to San Borja | -0.05 | -0.23 | 0.16 | -0.05 | -0.24 | 0.15 |  |  |  |
| Community Size | -0.09 | -0.29 | 0.14 | -0.09 | -0.31 | 0.10 |  |  |  |
| sd(Community) | 0.15 | 0.00 | 0.36 | 0.15 | 0.00 | 0.35 | 0.12 | 0.00 | 0.29 |
| sd(Household) | 1.00 | 0.89 | 1.12 | 1.00 | 0.89 | 1.10 | 0.99 | 0.89 | 1.12 |
| sd(Individual) | 0.02 | 0.00 | 0.05 | 0.02 | 0.00 | 0.05 | 0.02 | 0.00 | 0.05 |
| Goodness of fit (R2) | 0.91 | 0.90 | 0.92 | 0.91 | 0.90 | 0.92 | 0.91 | 0.90 | 0.92 |
| a Z-score centered on community mean | | | | | | | | | |
| b Z-score centered on full sample | | | | | | | | | |
| c Mean full sample Z-score for the community | | | | | | | | | |

## Table S5: Model summary – Non-social problems

|  | Relative Wealth | | | Absolute Wealth | | | No Covariates | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Variable | Mean | Lower 5% CI | Upper 95%CI | Mean | Lower 95% CI | Upper 95%CI | Mean | Lower 95% CI | Upper 95%CI |
| Intercept | -0.09 | -0.38 | 0.17 | -0.09 | -0.35 | 0.19 | -0.03 | -0.25 | 0.19 |
| Gini | -0.14 | -0.35 | 0.07 | -0.15 | -0.35 | 0.07 | -0.19 | -0.43 | 0.01 |
| Community Relative Wealth a | -0.07 | -0.19 | 0.04 |  |  |  |  |  |  |
| Sample Relative Wealth b |  |  |  | -0.06 | -0.17 | 0.05 | -0.05 | -0.16 | 0.06 |
| Mean Community Wealth c | 0.27 | -0.41 | 1.00 | 0.34 | -0.39 | 1.07 |  |  |  |
| Age | 0.01 | -0.11 | 0.15 | 0.01 | -0.11 | 0.14 |  |  |  |
| Sex=male | -0.15 | -0.33 | 0.01 | -0.15 | -0.32 | 0.02 |  |  |  |
| Distance to San Borja | 0.06 | -0.18 | 0.29 | 0.06 | -0.18 | 0.30 |  |  |  |
| Community Size | -0.23 | -0.48 | 0.01 | -0.24 | -0.48 | 0.02 |  |  |  |
| sd(Community) | 0.37 | 0.19 | 0.61 | 0.37 | 0.17 | 0.57 | 0.41 | 0.21 | 0.60 |
| sd(Household) | 0.42 | 0.24 | 0.59 | 0.42 | 0.25 | 0.60 | 0.42 | 0.26 | 0.61 |
| sd(Individual) | 0.15 | 0.00 | 0.34 | 0.15 | 0.00 | 0.34 | 0.15 | 0.00 | 0.34 |
| Goodness of fit (R2) | 0.37 | 0.25 | 0.49 | 0.38 | 0.25 | 0.48 | 0.36 | 0.24 | 0.48 |
| a Z-score centered on community mean | | | | | | | | | |
| b Z-score centered on full sample | | | | | | | | | |
| c Mean full sample Z-score for the community | | | | | | | | | |

## Table S6: Model summary – Cortisol

|  | Relative Wealth | | | Absolute Wealth | | | No Covariates | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Variable | Mean | Lower 5% CI | Upper 95%CI | Mean | Lower 95% CI | Upper 95%CI | Mean | Lower 95% CI | Upper 95%CI |
| Intercept | 0.39 | 0.23 | 0.55 | 0.38 | 0.23 | 0.54 | 0.05 | -0.08 | 0.21 |
| Gini | 0.03 | -0.14 | 0.18 | 0.03 | -0.15 | 0.16 | 0.00 | -0.14 | 0.14 |
| Community Relative Wealth a | -0.02 | -0.09 | 0.04 |  |  |  |  |  |  |
| Sample Relative Wealth b |  |  |  | -0.02 | -0.09 | 0.05 | -0.03 | -0.10 | 0.04 |
| Mean Community Wealth c | 0.04 | -0.36 | 0.43 | 0.06 | -0.35 | 0.43 |  |  |  |
| Age | -0.11 | -0.18 | -0.04 | -0.11 | -0.19 | -0.05 |  |  |  |
| Sex=male | -0.76 | -0.89 | -0.63 | -0.76 | -0.89 | -0.63 |  |  |  |
| Distance to San Borja | -0.06 | -0.20 | 0.07 | -0.06 | -0.21 | 0.07 |  |  |  |
| Community Size | -0.07 | -0.23 | 0.09 | -0.07 | -0.23 | 0.10 |  |  |  |
| sd(Community) | 0.26 | 0.13 | 0.39 | 0.26 | 0.14 | 0.40 | 0.29 | 0.15 | 0.44 |
| sd(Household) | 0.28 | 0.11 | 0.41 | 0.28 | 0.13 | 0.43 | 0.15 | 0.00 | 0.30 |
| sd(Individual) | 0.19 | 0.00 | 0.36 | 0.19 | 0.00 | 0.36 | 0.51 | 0.39 | 0.63 |
| Goodness of fit (R2) | 0.35 | 0.27 | 0.43 | 0.35 | 0.27 | 0.43 | 0.34 | 0.24 | 0.43 |
| a Z-score centered on community mean | | | | | | | | | |
| b Z-score centered on full sample | | | | | | | | | |
| c Mean full sample Z-score for the community | | | | | | | | | |

## Table S7: Model summary – BMI

|  | Relative Wealth | | | Absolute Wealth | | | No Covariates | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Variable | Mean | Lower 5% CI | Upper 95%CI | Mean | Lower 95% CI | Upper 95%CI | Mean | Lower 95% CI | Upper 95%CI |
| Intercept | 0.21 | 0.09 | 0.31 | 0.21 | 0.10 | 0.32 | 0.20 | 0.12 | 0.28 |
| Gini | 0.01 | -0.06 | 0.09 | 0.01 | -0.07 | 0.09 | 0.03 | -0.04 | 0.10 |
| Community Relative Wealth a | -0.01 | -0.04 | 0.02 |  |  |  |  |  |  |
| Sample Relative Wealth b |  |  |  | -0.01 | -0.05 | 0.02 | -0.01 | -0.05 | 0.02 |
| Mean Community Wealth c | 0.06 | -0.13 | 0.26 | 0.07 | -0.14 | 0.27 |  |  |  |
| Age | 0.07 | 0.02 | 0.11 | 0.06 | 0.02 | 0.11 |  |  |  |
| Sex=male | 0.03 | -0.07 | 0.13 | 0.03 | -0.07 | 0.12 |  |  |  |
| Distance to San Borja | -0.09 | -0.18 | 0.00 | -0.09 | -0.18 | -0.00 |  |  |  |
| Community Size | 0.03 | -0.07 | 0.14 | 0.03 | -0.07 | 0.13 |  |  |  |
| sd(Community) | 0.16 | 0.06 | 0.26 | 0.16 | 0.07 | 0.27 | 0.17 | 0.07 | 0.27 |
| sd(Household) | 0.28 | 0.16 | 0.39 | 0.27 | 0.16 | 0.38 | 0.26 | 0.13 | 0.38 |
| sd(Individual) | 1.03 | 0.98 | 1.07 | 1.03 | 0.98 | 1.07 | 1.03 | 0.98 | 1.07 |
| Goodness of fit (R2) | 0.84 | 0.83 | 0.84 | 0.84 | 0.83 | 0.84 | 0.84 | 0.83 | 0.84 |
| a Z-score centered on community mean | | | | | | | | | |
| b Z-score centered on full sample | | | | | | | | | |
| c Mean full sample Z-score for the community | | | | | | | | | |

## Table S8: Model summary – Systolic blood pressure

|  | Relative Wealth | | | Absolute Wealth | | | No Covariates | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Variable | Mean | Lower 5% CI | Upper 95%CI | Mean | Lower 95% CI | Upper 95%CI | Mean | Lower 95% CI | Upper 95%CI |
| Intercept | -0.22 | -0.28 | -0.15 | -0.22 | -0.28 | -0.16 | -0.04 | -0.11 | 0.02 |
| Gini | 0.05 | -0.00 | 0.10 | 0.05 | 0.00 | 0.10 | 0.07 | 0.01 | 0.13 |
| Community Relative Wealth a | -0.01 | -0.05 | 0.03 |  |  |  |  |  |  |
| Sample Relative Wealth b |  |  |  | -0.01 | -0.05 | 0.03 | -0.02 | -0.06 | 0.02 |
| Mean Community Wealth c | -0.28 | -0.41 | -0.14 | -0.27 | -0.42 | -0.13 |  |  |  |
| Age | 0.29 | 0.25 | 0.33 | 0.29 | 0.25 | 0.32 |  |  |  |
| Sex=male | 0.30 | 0.23 | 0.38 | 0.30 | 0.23 | 0.37 |  |  |  |
| Distance to San Borja | 0.07 | 0.02 | 0.13 | 0.07 | 0.02 | 0.13 |  |  |  |
| Community Size | 0.11 | 0.05 | 0.16 | 0.11 | 0.05 | 0.17 |  |  |  |
| sd(Community) | 0.06 | 0.00 | 0.13 | 0.06 | 0.00 | 0.13 | 0.14 | 0.07 | 0.21 |
| sd(Household) | 0.18 | 0.06 | 0.27 | 0.17 | 0.06 | 0.28 | 0.21 | 0.10 | 0.32 |
| sd(Individual) | 0.42 | 0.36 | 0.48 | 0.42 | 0.36 | 0.48 | 0.52 | 0.46 | 0.58 |
| Goodness of fit (R2) | 0.34 | 0.30 | 0.38 | 0.34 | 0.31 | 0.38 | 0.34 | 0.30 | 0.38 |
| a Z-score centered on community mean | | | | | | | | | |
| b Z-score centered on full sample | | | | | | | | | |
| c Mean full sample Z-score for the community | | | | | | | | | |

## Table S9: Model summary – Diastolic blood pressure

|  | Relative Wealth | | | Absolute Wealth | | | No Covariates | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Variable | Mean | Lower 5% CI | Upper 95%CI | Mean | Lower 95% CI | Upper 95%CI | Mean | Lower 95% CI | Upper 95%CI |
| Intercept | -0.18 | -0.28 | -0.08 | -0.18 | -0.28 | -0.09 | -0.06 | -0.14 | 0.03 |
| Gini | 0.02 | -0.04 | 0.10 | 0.02 | -0.05 | 0.09 | 0.01 | -0.05 | 0.08 |
| Community Relative Wealth a | -0.04 | -0.08 | -0.00 |  |  |  |  |  |  |
| Sample Relative Wealth b |  |  |  | -0.04 | -0.08 | -0.00 | -0.04 | -0.08 | -0.00 |
| Mean Community Wealth c | -0.21 | -0.40 | -0.03 | -0.18 | -0.38 | 0.01 |  |  |  |
| Age | 0.20 | 0.16 | 0.24 | 0.21 | 0.17 | 0.24 |  |  |  |
| Sex=male | 0.21 | 0.14 | 0.27 | 0.21 | 0.14 | 0.27 |  |  |  |
| Distance to San Borja | 0.12 | 0.04 | 0.20 | 0.12 | 0.04 | 0.20 |  |  |  |
| Community Size | 0.07 | -0.03 | 0.17 | 0.07 | -0.03 | 0.16 |  |  |  |
| sd(Community) | 0.17 | 0.11 | 0.25 | 0.17 | 0.11 | 0.25 | 0.20 | 0.14 | 0.28 |
| sd(Household) | 0.24 | 0.16 | 0.31 | 0.24 | 0.16 | 0.30 | 0.22 | 0.12 | 0.30 |
| sd(Individual) | 0.28 | 0.21 | 0.37 | 0.28 | 0.20 | 0.37 | 0.36 | 0.30 | 0.44 |
| Goodness of fit (R2) | 0.24 | 0.20 | 0.28 | 0.24 | 0.20 | 0.28 | 0.23 | 0.19 | 0.27 |
| a Z-score centered on community mean | | | | | | | | | |
| b Z-score centered on full sample | | | | | | | | | |
| c Mean full sample Z-score for the community | | | | | | | | | |

## Table S10: Model summary – Worse Self-rated health

|  | Relative Wealth | | | Absolute Wealth | | | No Covariates | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Variable | Mean | Lower 5% CI | Upper 95%CI | Mean | Lower 95% CI | Upper 95%CI | Mean | Lower 95% CI | Upper 95%CI |
| Intercept | 0.04 | -0.07 | 0.13 | 0.04 | -0.05 | 0.15 | -0.02 | -0.10 | 0.04 |
| Gini | -0.02 | -0.09 | 0.05 | -0.02 | -0.09 | 0.05 | -0.02 | -0.08 | 0.05 |
| Community Relative Wealth a | -0.02 | -0.06 | 0.02 |  |  |  |  |  |  |
| Sample Relative Wealth b |  |  |  | -0.02 | -0.07 | 0.02 | -0.02 | -0.06 | 0.02 |
| Mean Community Wealth c | -0.07 | -0.25 | 0.10 | -0.04 | -0.24 | 0.13 |  |  |  |
| Age | 0.13 | 0.08 | 0.17 | 0.13 | 0.08 | 0.18 |  |  |  |
| Sex=male | -0.26 | -0.35 | -0.18 | -0.26 | -0.34 | -0.18 |  |  |  |
| Distance to San Borja | 0.03 | -0.04 | 0.11 | 0.03 | -0.05 | 0.11 |  |  |  |
| Community Size | -0.00 | -0.09 | 0.10 | 0.00 | -0.09 | 0.09 |  |  |  |
| sd(Community) | 0.16 | 0.09 | 0.24 | 0.16 | 0.09 | 0.24 | 0.14 | 0.07 | 0.21 |
| sd(Household) | 0.07 | 0.00 | 0.16 | 0.07 | 0.00 | 0.17 | 0.08 | 0.00 | 0.16 |
| sd(Individual) | 0.36 | 0.28 | 0.44 | 0.36 | 0.27 | 0.43 | 0.39 | 0.31 | 0.46 |
| Goodness of fit (R2) | 0.18 | 0.13 | 0.23 | 0.18 | 0.13 | 0.23 | 0.17 | 0.12 | 0.22 |
| a Z-score centered on community mean | | | | | | | | | |
| b Z-score centered on full sample | | | | | | | | | |
| c Mean full sample Z-score for the community | | | | | | | | | |

## Table S11: Model summary – Total morbidity

|  | Relative Wealth | | | Absolute Wealth | | | No Covariates | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Variable | Mean | Lower 5% CI | Upper 95%CI | Mean | Lower 95% CI | Upper 95%CI | Mean | Lower 95% CI | Upper 95%CI |
| Intercept | 0.10 | -0.14 | 0.35 | 0.10 | -0.13 | 0.35 | 0.06 | -0.10 | 0.27 |
| Gini | -0.06 | -0.27 | 0.15 | -0.06 | -0.28 | 0.14 | -0.11 | -0.27 | 0.08 |
| Community Relative Wealth a | -0.02 | -0.07 | 0.03 |  |  |  |  |  |  |
| Sample Relative Wealth b |  |  |  | -0.02 | -0.06 | 0.03 | -0.01 | -0.06 | 0.04 |
| Mean Community Wealth c | -0.03 | -0.60 | 0.44 | -0.00 | -0.56 | 0.49 |  |  |  |
| Age | 0.23 | 0.18 | 0.28 | 0.23 | 0.18 | 0.28 |  |  |  |
| Sex=male | -0.15 | -0.24 | -0.07 | -0.15 | -0.24 | -0.07 |  |  |  |
| Distance to San Borja | 0.13 | -0.06 | 0.32 | 0.13 | -0.07 | 0.32 |  |  |  |
| Community Size | -0.05 | -0.30 | 0.21 | -0.06 | -0.33 | 0.18 |  |  |  |
| sd(Community) | 0.49 | 0.36 | 0.66 | 0.49 | 0.35 | 0.65 | 0.50 | 0.37 | 0.65 |
| sd(Household) | 0.33 | 0.25 | 0.40 | 0.33 | 0.25 | 0.40 | 0.30 | 0.23 | 0.39 |
| sd(Individual) | 0.08 | 0.00 | 0.20 | 0.09 | 0.00 | 0.19 | 0.13 | 0.00 | 0.28 |
| Goodness of fit (R2) | 0.36 | 0.31 | 0.41 | 0.36 | 0.31 | 0.41 | 0.31 | 0.25 | 0.38 |
| a Z-score centered on community mean | | | | | | | | | |
| b Z-score centered on full sample | | | | | | | | | |
| c Mean full sample Z-score for the community | | | | | | | | | |

## Table S12: Model summary – Infections

|  | Relative Wealth | | | Absolute Wealth | | | No Covariates | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Variable | Mean | Lower 5% CI | Upper 95%CI | Mean | Lower 95% CI | Upper 95%CI | Mean | Lower 95% CI | Upper 95%CI |
| Intercept | -1.33 | -2.02 | -0.59 | -1.34 | -2.04 | -0.59 | -1.28 | -1.84 | -0.74 |
| Gini | -0.59 | -1.26 | -0.07 | -0.61 | -1.24 | -0.08 | -0.59 | -1.12 | -0.17 |
| Community Relative Wealth a | -0.04 | -0.21 | 0.13 |  |  |  |  |  |  |
| Sample Relative Wealth b |  |  |  | -0.04 | -0.21 | 0.13 | -0.03 | -0.19 | 0.13 |
| Mean Community Wealth c | 0.20 | -1.16 | 1.36 | 0.23 | -0.86 | 1.55 |  |  |  |
| Age | 0.41 | 0.23 | 0.56 | 0.41 | 0.24 | 0.57 |  |  |  |
| Sex=male | -0.42 | -0.75 | -0.12 | -0.43 | -0.69 | -0.10 |  |  |  |
| Distance to San Borja | -0.20 | -0.74 | 0.38 | -0.21 | -0.78 | 0.34 |  |  |  |
| Community Size | -0.31 | -1.02 | 0.36 | -0.29 | -1.00 | 0.49 |  |  |  |
| sd(Community) | 1.47 | 0.98 | 2.04 | 1.48 | 0.96 | 2.05 | 1.38 | 0.96 | 1.93 |
| sd(Household) | 1.03 | 0.68 | 1.40 | 1.04 | 0.68 | 1.39 | 0.87 | 0.52 | 1.25 |
| sd(Individual) | 0.22 | 0.00 | 0.53 | 0.23 | 0.00 | 0.56 | 0.21 | 0.00 | 0.51 |
| Goodness of fit (R2) | 0.32 | 0.26 | 0.38 | 0.32 | 0.26 | 0.38 | 0.28 | 0.21 | 0.34 |
| a Z-score centered on community mean | | | | | | | | | |
| b Z-score centered on full sample | | | | | | | | | |
| c Mean full sample Z-score for the community | | | | | | | | | |
| Note: Model is on the logit scale | | | | | | | | | |

## Table S13: Model summary – Respiratory illness

|  | Relative Wealth | | | Absolute Wealth | | | No Covariates | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Variable | Mean | Lower 5% CI | Upper 95%CI | Mean | Lower 95% CI | Upper 95%CI | Mean | Lower 95% CI | Upper 95%CI |
| Intercept | -1.66 | -2.20 | -1.04 | -1.64 | -2.22 | -1.01 | -1.68 | -2.16 | -1.21 |
| Gini | 0.36 | -0.14 | 0.83 | 0.35 | -0.16 | 0.83 | 0.22 | -0.16 | 0.62 |
| Community Relative Wealth a | -0.05 | -0.20 | 0.13 |  |  |  |  |  |  |
| Sample Relative Wealth b |  |  |  | -0.05 | -0.20 | 0.12 | -0.03 | -0.19 | 0.13 |
| Mean Community Wealth c | 0.18 | -0.87 | 1.30 | 0.21 | -0.86 | 1.26 |  |  |  |
| Age | -0.04 | -0.18 | 0.12 | -0.03 | -0.20 | 0.12 |  |  |  |
| Sex=male | -0.12 | -0.40 | 0.18 | -0.12 | -0.39 | 0.21 |  |  |  |
| Distance to San Borja | 0.24 | -0.21 | 0.70 | 0.25 | -0.21 | 0.73 |  |  |  |
| Community Size | 0.03 | -0.57 | 0.58 | 0.04 | -0.48 | 0.63 |  |  |  |
| sd(Community) | 1.07 | 0.59 | 1.54 | 1.07 | 0.56 | 1.50 | 1.01 | 0.62 | 1.50 |
| sd(Household) | 0.93 | 0.53 | 1.26 | 0.93 | 0.58 | 1.30 | 0.89 | 0.54 | 1.26 |
| sd(Individual) | 0.53 | 0.00 | 1.08 | 0.49 | 0.00 | 1.09 | 0.43 | 0.00 | 0.99 |
| Goodness of fit (R2) | 0.22 | 0.13 | 0.32 | 0.21 | 0.13 | 0.32 | 0.20 | 0.12 | 0.29 |
| a Z-score centered on community mean | | | | | | | | | |
| b Z-score centered on full sample | | | | | | | | | |
| c Mean full sample Z-score for the community | | | | | | | | | |
| Note: Model is on the logit scale | | | | | | | | | |

## Table S14: Model summary – Gastrointestinal illness

|  | Relative Wealth | | | Absolute Wealth | | | No Covariates | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Variable | Mean | Lower 5% CI | Upper 95%CI | Mean | Lower 95% CI | Upper 95%CI | Mean | Lower 95% CI | Upper 95%CI |
| Intercept | -0.60 | -0.91 | -0.27 | -0.60 | -0.92 | -0.30 | -0.65 | -0.97 | -0.34 |
| Gini | -0.11 | -0.40 | 0.20 | -0.12 | -0.43 | 0.17 | -0.24 | -0.57 | 0.04 |
| Community Relative Wealth a | -0.01 | -0.13 | 0.10 |  |  |  |  |  |  |
| Sample Relative Wealth b |  |  |  | -0.01 | -0.13 | 0.11 | 0.00 | -0.12 | 0.13 |
| Mean Community Wealth c | -0.29 | -1.03 | 0.48 | -0.30 | -1.07 | 0.44 |  |  |  |
| Age | 0.23 | 0.11 | 0.36 | 0.23 | 0.11 | 0.35 |  |  |  |
| Sex=male | -0.08 | -0.33 | 0.15 | -0.08 | -0.30 | 0.15 |  |  |  |
| Distance to San Borja | 0.62 | 0.34 | 0.91 | 0.63 | 0.33 | 0.91 |  |  |  |
| Community Size | 0.09 | -0.27 | 0.41 | 0.10 | -0.24 | 0.45 |  |  |  |
| sd(Community) | 0.58 | 0.35 | 0.85 | 0.58 | 0.36 | 0.84 | 0.79 | 0.49 | 1.08 |
| sd(Household) | 0.38 | 0.02 | 0.72 | 0.40 | 0.01 | 0.72 | 0.39 | 0.00 | 0.69 |
| sd(Individual) | 0.38 | 0.00 | 0.82 | 0.38 | 0.00 | 0.86 | 0.42 | 0.00 | 0.89 |
| Goodness of fit (R2) | 0.15 | 0.10 | 0.24 | 0.16 | 0.09 | 0.25 | 0.15 | 0.08 | 0.24 |
| a Z-score centered on community mean | | | | | | | | | |
| b Z-score centered on full sample | | | | | | | | | |
| c Mean full sample Z-score for the community | | | | | | | | | |
| Note: Model is on the logit scale | | | | | | | | | |