Online Supplement

TABLE S1. Prevalence of malnutrition by region, sex and infant age. Moderate to severe malnutrition is defined as z-scores below 2 standard deviations of World Health Organization international standards for height-for-age (HAZ) (i.e. stunting), weight-for-age (WAZ) (i.e. underweight), weight-for-height (WHZ) and body mass index (BAZ) (i.e. wasting). Numbers are percentages.

	HAZ			WAZ			WHZ			BAZ			
	moderate-severe	Mild	normal	moderate-severe	mild	normal	moderate-severe	mild	normal	moderate-severe	mild	normal	
	z<-2	-2<z<-1	z>-1	z<-2	-2<z<-1	z>-1	z<-2	-2<z<-1	z>-1	z<-2	-2<z<-1	z>-1	*n*
ALL	32.4	21.0	46.6	14.7	24.8	60.5	12.6	16.8	70.6	12.2	13.9	73.9	238
Near Town	22.9	22.9	54.3	8.6	22.9	68.6	7.1	10.0	82.9	5.7	10.0	84.3	70
Forest	**44.8**	13.8	41.4	13.8	27.6	58.6	6.9	24.1	69.0	3.5	20.7	75.9	29
Mission	31.9	23.2	44.9	13.0	33.3	53.6	17.4	20.3	62.3	17.4	17.4	65.2	69
River	**37.1**	20.0	42.9	22.9	17.1	60.0	15.7	17.1	67.1	17.1	11.4	71.4	70
Females	27.9	21.6	50.5	9.9	19.8	70.3	12.6	12.6	74.8	9.0	13.5	77.5	111
Males	36.2	20.5	43.3	18.9	29.1	52.0	12.6	20.5	66.9	15.0	14.2	70.9	127
<6 mos	23.3	13.7	63.0	13.7	15.1	71.2	16.4	13.7	69.9	15.1	13.7	71.2	73
6-12 mos	26.6	21.5	51.9	13.9	22.8	63.3	7.6	16.5	76.0	10.1	13.9	76.0	79
12-18 mos	40.0	27.3	32.7	14.6	34.6	50.9	12.7	16.4	70.9	9.1	16.4	74.6	55
18-24 mos	54.8	25.8	19.4	19.4	35.5	45.2	16.1	25.8	58.1	16.1	9.7	74.2	31

Note: Height-for-age (HAZ) significant by age group (p=0.0006), Weight-for-age (WAZ) significant by sex (p=0.013), marginally by region (p=0.112), marginally by age group (p=0.104). Body mass index-for-age (BAZ) marginally significant by region (p=0.071).

TABLE S2. Cause-specific mortality rates by time period (1950-89 v. 1990-2002) and by region.

	ALL	1950-1989	1990+	Mission	Forest	River	Near Town
# live births	2089	942	1147	463	522	533	580
Cause of Death	Cause-specific mortality rate (per 1,000 live births)						
Unknown	21	15	26	30	31	13	12
Congenital	23	23	24	24	29	32	10
Gastrointestinal	20	25	15	11	25	26	16
Respiratory	37	47	30	39	31	56	24
Other infection	14	16	12	15	13	13	14
Violence / accident	10	14	7	6	21	11	2
Other (not infection)	3	4	2	2	4	2	3
Total	128	144	115	127	153	154	81

FIGURE S1. Fetal death rate by estimated gestational age for Tsimane and select populations adapted from Wood (1994). Tsimane miscarriage rates are compared as a function of corrected gestational age (time in weeks since onset of last menses minus two weeks) with several Western populations compiled by Wood (1994: Table 6.7). From 15 to 32 weeks the Tsimane miscarriage profile looks similar to those of Western populations. However, under-estimation of first trimester miscarriages is likely due to under-reporting, recall bias and problems in detection. This comparison, while provisional and inconclusive, suggests that Tsimane women may not experience greater risk of miscarriage than women in Western settings.