Appendix Table 1. Description of items used for Graffar index

Graffar item	Scale	n(%)
N		1412
No. people in hh 'eating from 1 pot' (%)	1: 1-3	230 (16.3)
	2: 4-6	865 (61.3)
	3: 7-9	254 (18.0)
	4: 10-12	55 (3.9)
	5: 13-15	6 (0.4)
	6: over 16	2 (0.1)
Father's presence in household (%)	1: father is present; not left hh	1197 (84.8)
	3: left hh but sends money	66 (4.7)
	4: partially left hh	38 (2.7)
	6: completely gone	111 (7.9)
Head of household's highest educational level (%)	1: university completed	12 (0.9)
	2: university not completed	9 (0.6)
	3: h.s. or technical studies completed	325 (23.0)
	4: completed 8th grade	664 (47.1)
	5: did not reach 8th grade	382 (27.1)
	6: no schooling	19 (1.3)
Property ownership (%)	1: owned	269 (19.1)
	2: home mortgage	83 (5.9)
	3: rent	243 (17.2)
	4: given to you as a gift	117 (8.3)
	5: squatters w tents or construction	7 (0.5)
	6: lving in back of main house	693 (49.1)
Type of house construction (%)	1: very large house	15 (1.1)
	2: smaller house	181 (12.8)
	3: tiny concrete house	330 (23.4)

Appendix Table 1. Description of items used for Graffar index

Graffar item	Scale	n(%)
	4: self-constructed home	398 (28.2)
	5: wooden house	94 (6.7)
	6: wooden house w/ less than three rooms	394 (27.9)
Characteristics of the kitchen (%)	1: independent kitchen in one room	931 (65.9)
	6: kitchen in a room with multiple uses	481 (34.1)
Sewage,plumbing (%)	1: inside plumbing	1402 (99.3)
	5: out house	9 (0.6)
	6: just go in woods	1 (0.1)
Water (%)	1: water from inside home faucet	949 (67.2)
	6: water from outside faucet	463 (32.8)
No. times garbage collected per week (%)	1: more than 4x/week	6 (0.4)
	2: 3 times/week	1288 (91.2)
	3: 2 times/week	117 (8.3)
	6: never	1 (0.1)
Total count of previous six goods,possessions (tv, washing machine, stereo, refrig., car) (%)	1: 13-15 (own all six goods)	77 (5.5)
	2: 10-12	311 (22.3)
	3: 7-9	302 (21.6)
	4: 4-6	277 (19.9)
	5: 1-3	374 (26.8)
	6: 0	54 (3.9)

Appendix Table 2: Nonlinear mixed effects model fit evaluation: BIC for all evaluated models

Trajectory type	Model ID	Model description	BIC[a]
	no random effects	no random effects	NA
	m2	random size (alpha0)	-19546.4
	m3	random tempo (beta0)	-17232
	m4	random velocity (beta1)	-18323
	m5	random tempo and velocity (beta0 and beta1)	-21901.5
	m5.strat	m5 + sex-spec effects	-22123.4
	m5.strat2	m5.strat + sex-spec corr structure	-22107.5
	m6	random size and tempo (alpha0 and beta0)	-21740.4
	m7	random size and velocity (alpha0 and beta1)	-21629.8
Weight	m8	random size, tempo and velocity (alpha0, beta0, and beta1)	**-22940.66**
	no random effects	no random effects	NA
	m2	random size (alpha0)	-37399.5
	m3	random tempo (beta0)	-36684.1
	m4	random velocity (beta1)	-34985.7
	m5	random tempo and velocity (beta0 and beta1)	-37820
	m5.strat	m5 + sex-spec effects	**-38000.74**
	m5.strat2	m5.strat + sex-spec corr structure	-37978.2
	m6	random size and tempo (alpha0 and beta0)	-37381.5
Height	m7	random size and velocity (alpha0 and beta1)	-37819.9
	no random effects	no random effects	NA
	m2	random size (alpha0)	-21147.2
	m3	random tempo (beta0)	-18852.1
	m4	random velocity (beta1)	-20549.9
	m5	random tempo and velocity (beta0 and beta1)	-22598
	m5.strat	m5 + sex-spec effects	-22761.2
	m5.strat2	m5.strat + sex-spec corr structure	-22751.3
	m6	random size and tempo (alpha0 and beta0)	**-22808.5**
WFL	m7	random size and velocity (alpha0 and beta1)	-22484.6

[a]Bold values indicate lowest value within a trajectory evaluation.