

**Appendix 1.** Supply and demand functions.

Equation A1.1. Supply function of labor for hunting.

$$L_h = \left[ \frac{\beta \Psi (P_h - \theta K - C_h)}{\omega} \right]^{1/1-\beta}$$

Equation A1.2. Supply function of labor for fishing.

$$L_y = \left[ \frac{\delta \sigma (P_y - C_y)}{\omega} \right]^{1/1-\delta}$$

Equation A1.3. Demand function for bushmeat.

$$\gamma H = \frac{\alpha_h}{P_h - \theta K} [H(P_h - \theta K - C_h) + Y(P_y - C_y) + \omega L_{off}]$$

Equation A1.4. Demand function for fish.

$$\varphi Y = \frac{\alpha_y}{P_y} [H(P_h - \theta K - C_h) + Y(P_y - C_y) + \omega L_{off}]$$