FIGURE 1. The black bars display the number of multiunit, nominal-constituent sentences David would be expected to produce based on the number of multiunit, NON-nominal-constituent sentences he produced (expected), and the gray bars the number actually produced (observed), under these assumptions: 1a (top): the nominal constituent functions as a single unit and contributes one unit to the sentence length count no matter how many gestures it contains; and 1b (bottom): the nominal constituent contributes as many gestures as it contains to the sentence length count. The observed data fit the expected values better in 1a ($\chi^2(6) = 4.5$, n.s.) than 1b ($\chi^2(6) = 55.6$, $p < 0.0001$), suggesting that David's nominal constituents are functioning as a single unit in his sentences.