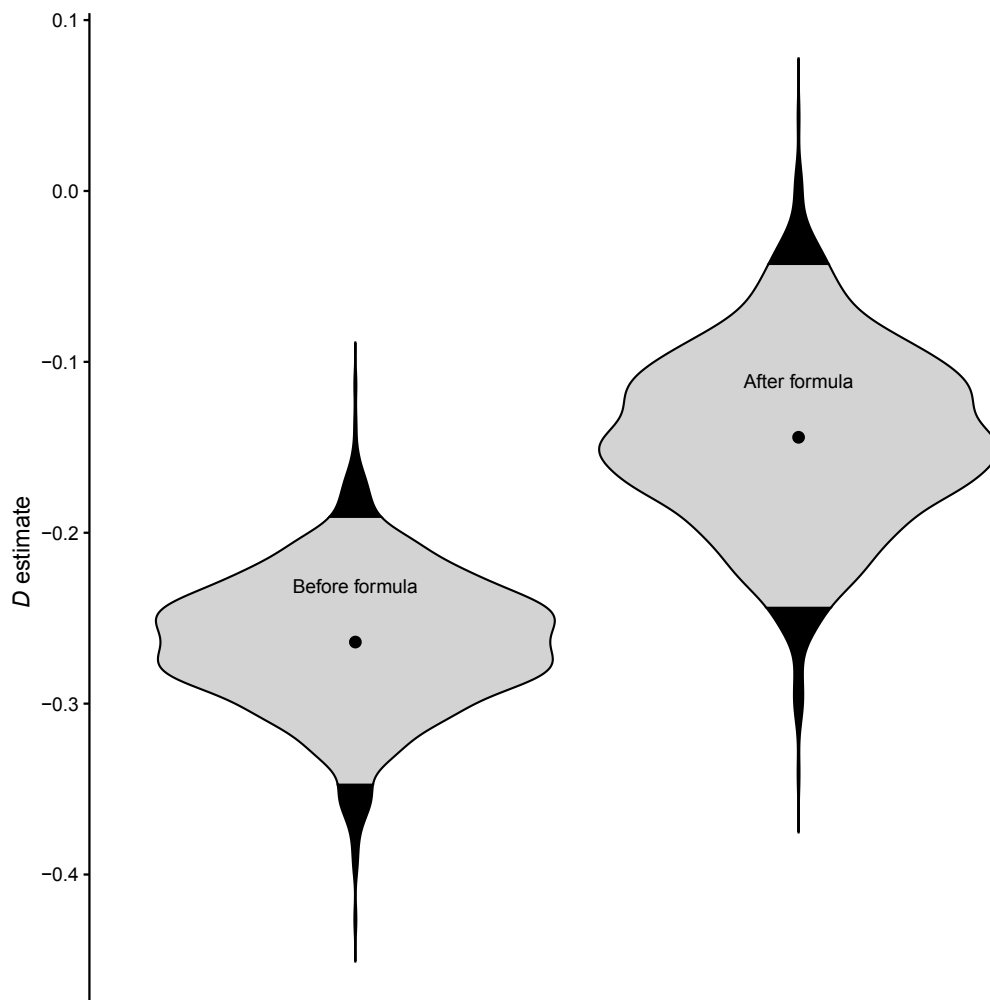


**Fig. 4**



Dispersion parameter ( $D$ ) estimates in the infant gut, pre-formula and during formula use. Formula use began on day 161, thus the first 160 days of the subject's life were analyzed separately. Community assembly was significantly underdispersed in the pre-formula dataset, but was not significantly different from the neutral model during formula use ( $P = 0.107$ ).