Figure S1: **Size and velocity slopes as a function of different time delays for different weights of prior size (w_s).** The dashed line denotes velocity slopes (a_v in absolute value to be matched against size slopes) and red solid lines denote size slopes (a_s) for different w_s that intersect with velocity slopes. For the sake of illustration only four intersecting curves that correspond to four different values of w_s are shown in the figure. In the real fitting the sampling of w_s was higher (see text). (insets) histograms of the intersecting size slopes (in red) and the corresponding t_{delay} both obtained after a complete iteration procedure ended. Dotted lines in the main figure connect the mean slope on size (estimated from the red histogram) and the corresponding t_{delay} estimated from the blue histogram.