(a)
$k_{\rm lig} = k_{\rm lig}^{\rm standard}$, $k_{\rm cut} = 2 \times k_{\rm cut}^{\rm standard}$
single realization
ensemble average
$t_{\rm est}$
$t_{\rm high}$
$\hat{t}$
Mean length $\bar{L}$
(b)
$k_{\rm lig} = 2 \times k_{\rm lig}^{\rm standard}$, $k_{\rm cut} = k_{\rm cut}^{\rm standard}$
single realization
ensemble average
$t_{\rm est}$
$t_{\rm high}$
$\hat{t}$
$k_{\rm lig} = k_{\rm lig}^{\rm standard}$, $k_{\rm cut} = 2 \times k_{\rm cut}^{\rm standard}$
Mean length $\bar{L}$
(c)
$k_{\rm lig} = 2 \times k_{\rm lig}^{\rm standard}$, $k_{\rm cut} = 2 \times k_{\rm cut}^{\rm standard}$
single realization
ensemble average
$t_{\rm est}$
$t_{\rm high}$
$\hat{t}$
ensemble average for standard values
Mean length $\bar{L}$
10^9
10^{10}
10^{11}
Time t