Source name	v_α [km/s]	v_δ [km/s]	r	s [10^5 km]	β
B 1519-273[1]	-62.4 ± 13.1	-2.5 ± 1.7	15.1 ± 3.0	11.8 ± 0.7	$86° \pm 1°$
B 1519-273	-27.11 ± 1.00	$-8.52\ (\pm 0.93)$	2.2 ± 0.5	8.2 ± 0.6	$73° \pm 8°$
B 1622-253[1]	-43.8 ± 6.1	-6.9 ± 0.3	18.0 ± 4.0	15.3 ± 1.5	$80° \pm 1°$
B 1622-253	-19.56 ± 0.94	$-10.49\ (\pm 0.93)$	3.5 ± 0.7	13.0 ± 1.0	$65° \pm 4°$

[1]The best fit of Carter et al. (2009).

Table 1: Annual modulation model parameters of two IDV sources. Velocity components of the screens are listed in Col. 2 and 3. The ratio of the anisotropy and scattering length-scale are listed in Col. 4 and 5. The orientation of the major axis of anisotropy is given in Col. 6 and it is measured North through East. In line 2 and 4, the velocity components and their errors are from the LISM kinematic calculator of Redfield.

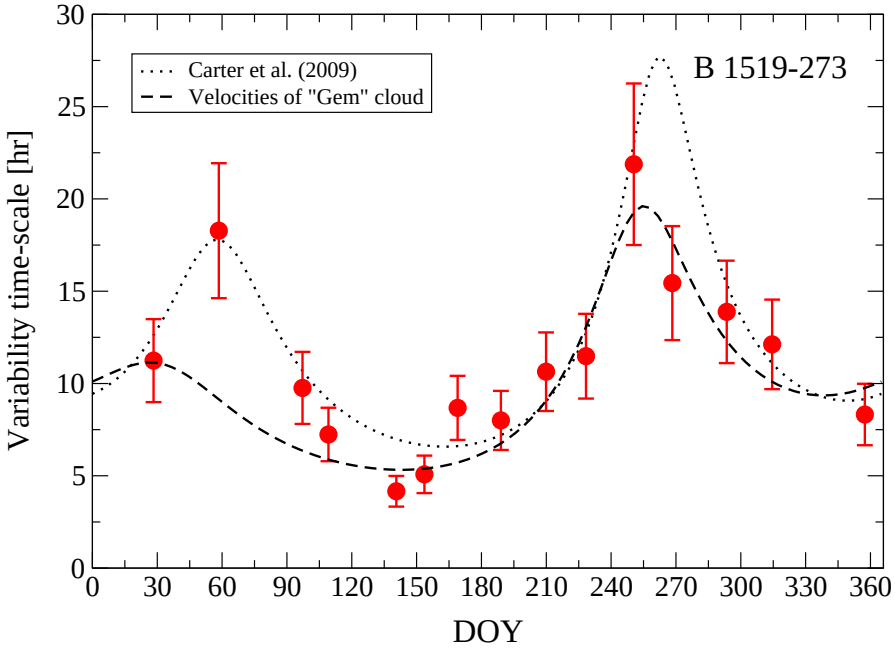

Figure 1: Changes in the IDV timescale of B1519-273 as function of day of the year (DOY). Timescale measurements, and errors are from Carter et al. Dotted line denotes fit of Carter et al. Dashed line represent our fit with the parameters of line 1 of Table 1.

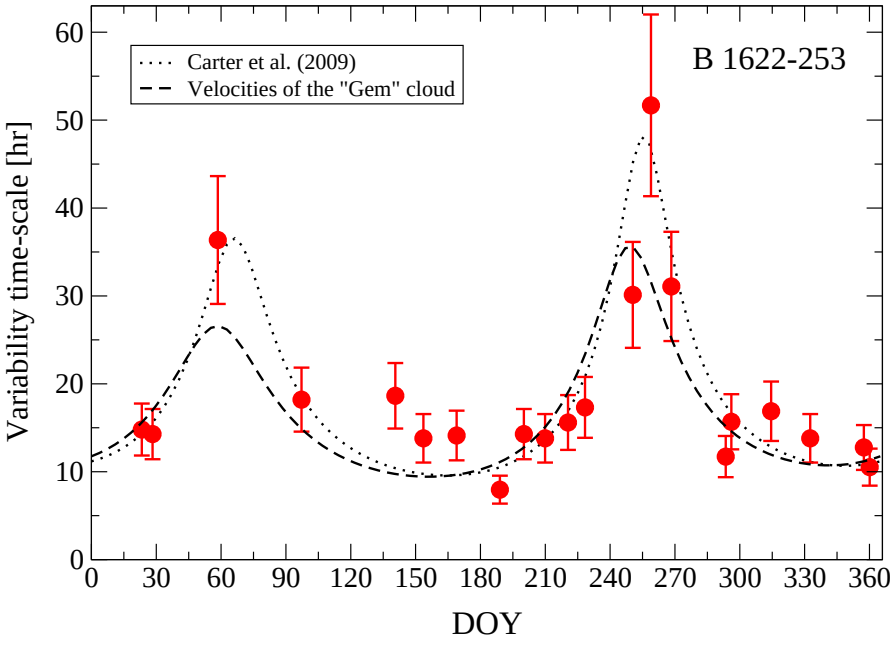

Figure 2: Same as Figure 1, but for B1622-253. Dashed line represent our fit with the parameters of line 3 of Table 1.