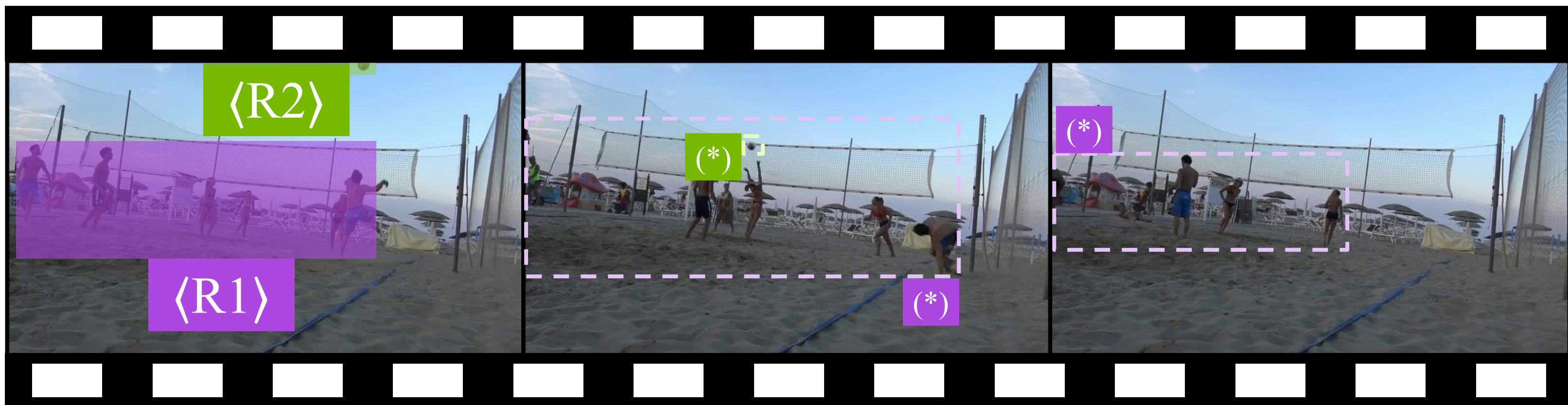




Q: At 2.0 sec, what is the instantaneous acceleration of <R1> ( $\text{m/s}^2$ )?

~~X~~ GPT:  $-0.40$       ~~X~~ Qwen:  $-0.40$       ~~X~~ NVILA:  $-0.60$       ✓ Ours:  $-0.70$



Q: How many times did <R1> hit <R2> upward?

~~X~~ GPT: 1      ~~X~~ Qwen: 0      ~~X~~ NVILA: 1      ✓ Ours: 4