S_r : 0.0 % $\mu_{|\mathbf{x}_f|}$: [3.480 m, 0.589 m/s] $\sigma_{|\mathbf{x}_f|}$: [0.347 m, 0.050 m/s] $\mu_{\Delta V}$, $\sigma_{\Delta V}$: 3.337 m/s, 0.244 m/s

