

S1 Table.

Table 1. Parameter values sampled for individual figures

Parameter	Units	Figure 3	Figure 4	Figure S3a,b	Figure S3c,d	Figure 7	Figure 9
L	μm	1, 3, 5, 7, 10	3	3, 5	3, 5	5	3, 5, 8
l_c	μm	0.2, 0.3, 0.5, 0.8	0.3, 0.5	0.3	0.15, 0.2, 0.3, 0.4	0.2, 0.3	0.15, 0.2, 0.3, 0.4
μ_e/μ_c		100	100	3 – 300	100	100	100
μ_e	pN	100	100	100	10 – 300	100	100
μ_c	pN	1	1	1 – 30	1	1	1
ξ	$\frac{\text{pNs}}{\mu\text{m}}$	10 – 100	5, 10, 100	1, 10, 100	10, 100	10, 100, 330	10 – 100
v	pN			10, 30, 100	10, 100	10, 100, 300	10
ϕ				0.25	0.5	0.25, 0.75	0.25
τ_r	s		$0.1 - 10^4$			$0.01 - 10^3$	$0.01 - 10^3$
σ	$\frac{\text{pNs}}{\mu\text{m}^2}$	0.02 – 1	0.003 – 0.5				