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Supporting Information

Thermodynamics of linear and star polymers at fluid interfaces

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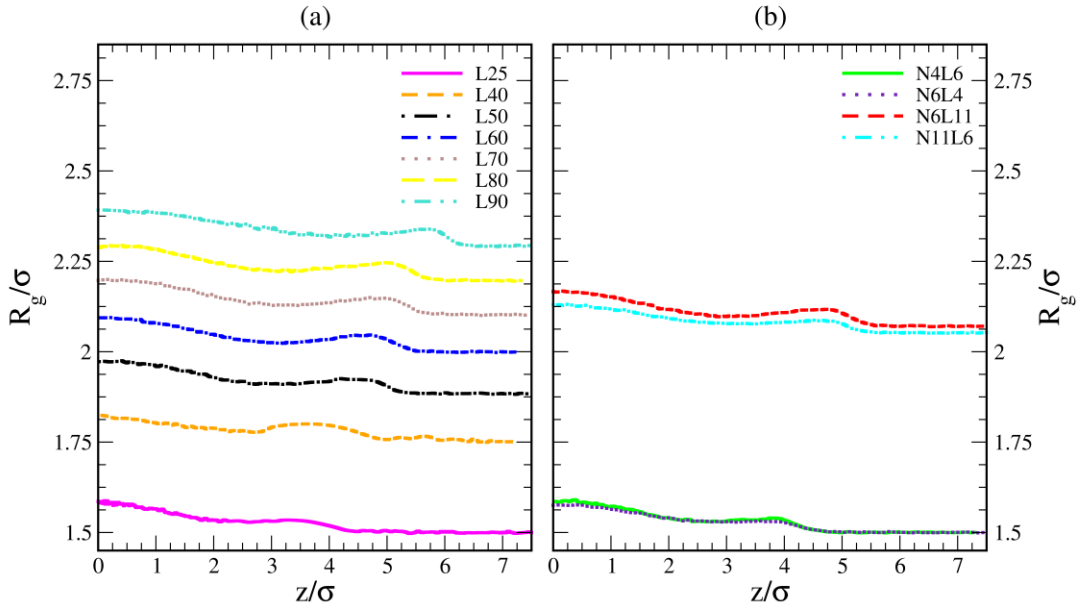

Figure 1S. Radius of gyration profiles for linear and star polymers (for the label the reader is referred to Table 1 in the main text) in the poor solvent.

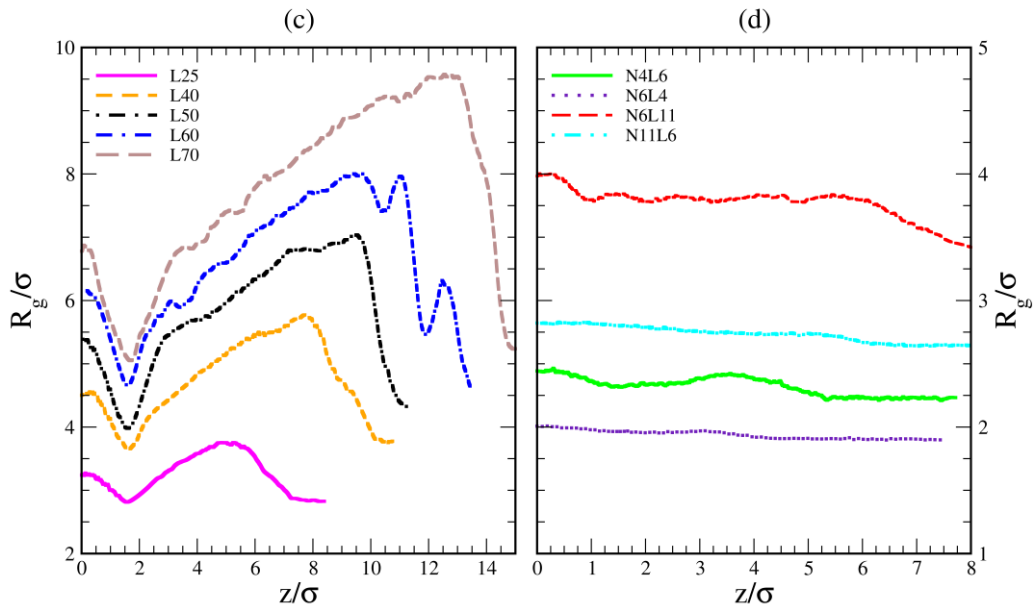

Figure 2S. **.** Radius of gyration profiles for linear and star polymers (for the label the reader is referred to Table 1 in the main text) in the good solvent.

Table 1S. Radius of gyrations (R_g) calculated for all the linear polymer models in bulk solutions of both the poor and good solvent as a function of their molecular weight (i.e. number of monomers, N_m)

Model	$\mathbf{N_m}$	$\mathbf{R_g/\sigma}$ **poor solvent**	$\mathbf{R_g/\sigma}$ **good solvent**
L25	25	1.50	2.85
L40	40	1.75	3.75
L50	50	1.89	4.07
L60	60	2.00	4.58
L70	70	2.10	5.18
L80	80	2.20	
L90	90	2.30	