**Cellulosic fiber: mechanical fibrillation-morphology-rheology relationships**

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**Fig. S1** Viscoelastic response of NFC suspensions with different concentrations for shear stress values lower and higher than the yield stress, A10-0.25 (a), A10-0.50 (d), A10-0.75 (g), A10-1.0 (j), A20-0.25 (b), A20-0.50 (e), A20-0.75 (h), A20-1.0 (k), A40-0.25 (c), A40-0.50 (f), A40-0.75 (i), A40-1.0 (l),.