



## Correction: Cellulose regeneration and spinnability from ionic liquids

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Correction for 'Cellulose regeneration and spinnability from ionic liquids' by Lauri K. J. Hauru et al., *Soft Matter*, 2016, **12**, 1487–1495.

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For the spinning system, the manufacturer's software reported an incorrect extrusion flow rate  $v_e$  ( $\text{ml min}^{-1}$ ) when using the smaller cylinder. Thus, the error only affects [DBNH]OAc and [TMGH]OAc; NMMO and [emim]OAc data remains intact. The correct values for  $v_e$  may be obtained by multiplying the reported  $v_e$  with 1/0.6. As  $D_R$  is determined from  $v_e$ , it is also affected: to obtain correct  $D_R$ , multiply the reported  $D_R$  with 0.6. The extrusion velocities ( $v_e$ ) and draw ratios ( $D_R$ ) reported for [DBNH]OAc and [TMGH]OAc in the main text are modified as follows:

$v_e$ [ $\text{ml min}^{-1}$ ]		$D_R$	
Reported	Correct	Reported	Correct
0.02	0.033	1.0	0.6
0.04	0.067	2.0	1.2
		7.5	4.5
		12.5	7.5

In the section "Practical spinning", the sentence beginning "Spinnability was good. . ." should be modified as follows: "Spinnability was good for [DBNH]OAc (up to  $D_R$  4.5), but poor for [TMGH]OAc (only  $D_R$  1.2)."  
 The corrected Table 2 is as follows:

**Table 2** Highest draw ratios obtained in spinning experiments

Spinning solvent	$d_0$ [ $\mu\text{m}$ ]	$T_{\text{extr}}$ [ $^{\circ}\text{C}$ ]	$T_{\text{bath}}$ [ $^{\circ}\text{C}$ ]	$D_{R\text{max}}$	Titer [dtex]	Tenacity [ $\text{cN tex}^{-1}$ ]
[DBNH]OAc	100	70	15	<u>4.5</u>	$3.0 \pm 0.9$	$38.5 \pm 8.4$
NMMO·H <sub>2</sub> O	100	95	15	6.2	$3.7 \pm 0.7$	$31.2 \pm 6.6$
[TMGH]OAc	100	80	15	<u>1.2</u>	$15.5 \pm 0.9$	$10.9 \pm 1.1$
[emim]OAc	250	90	45	2.9	$44.4 \pm 1.7$	$13.9 \pm 1.6$

$d_0$ , spinneret diameter;  $T_{\text{extr}}$ , extrusion temperature;  $T_{\text{bath}}$ , regeneration bath temperature;  $D_{R\text{max}}$ , highest draw ratio spun.

Modified Fig. 8 and 9 are as follows:



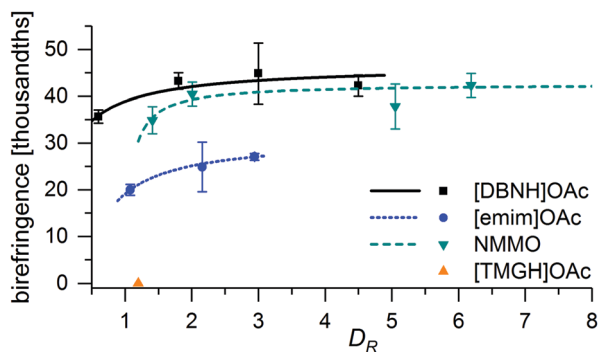


Fig. 8 Final fiber birefringence vs. draw ratio in spinning.

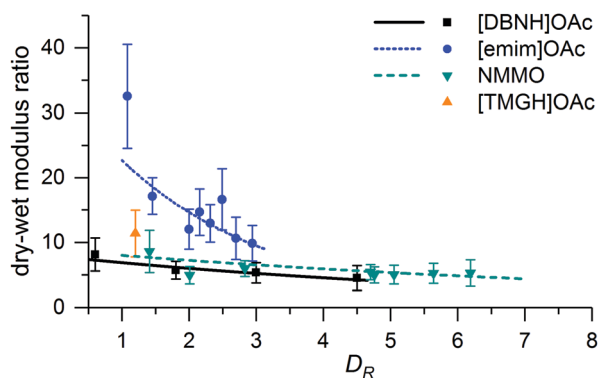


Fig. 9 Dry to wet modulus ratio of final fibers vs. draw ratio in spinning.

The conclusions remain intact. The lower draw ratio exhibited by [TMGH]OAc solutions (1.2 instead of 2.0) actually adds credence to the stated conclusions about [TMGH]OAc. For [DBNH]OAc, the lower draw ratio is not an issue, since it is known from the outset that a monofilament system is suboptimal and better results can be obtained with a multifilament system.

The Royal Society of Chemistry apologises for these errors and any consequent inconvenience to authors and readers.

