

Supplementary Information on “Hydration, deformability, and age are skin factors in tactile friction and perception of materials”

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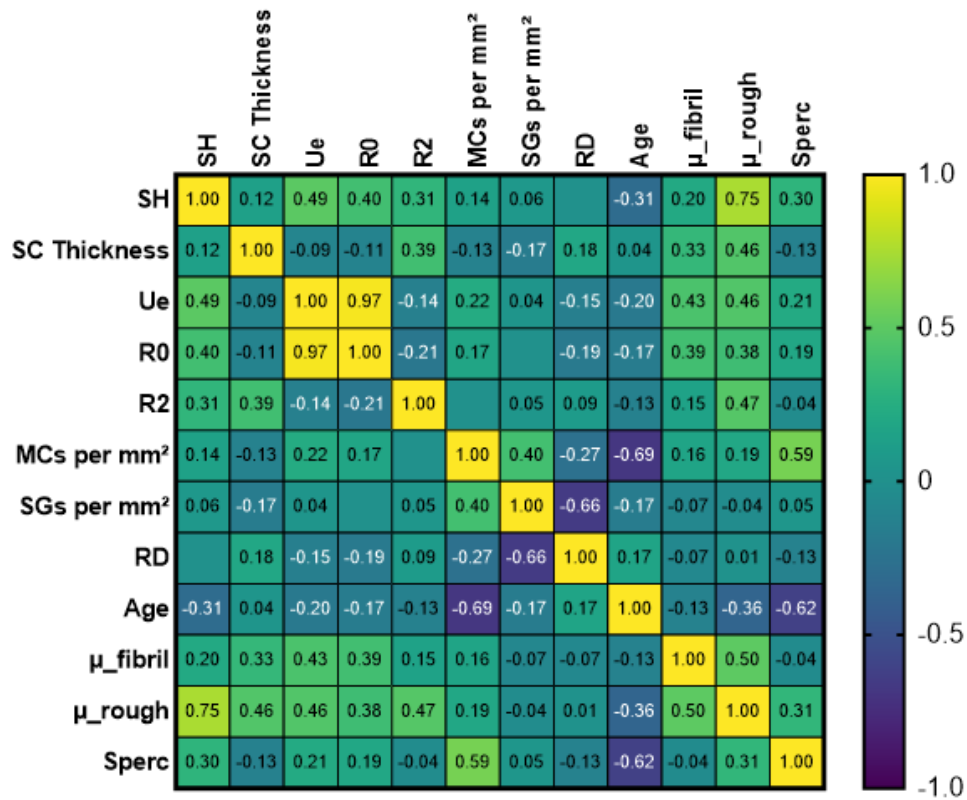
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Table S1 – Skin parameters differentiated by sex. A *p* value is provided for the probability of the Null hypothesis that there is no difference in mean value of the distributions (*t* test).

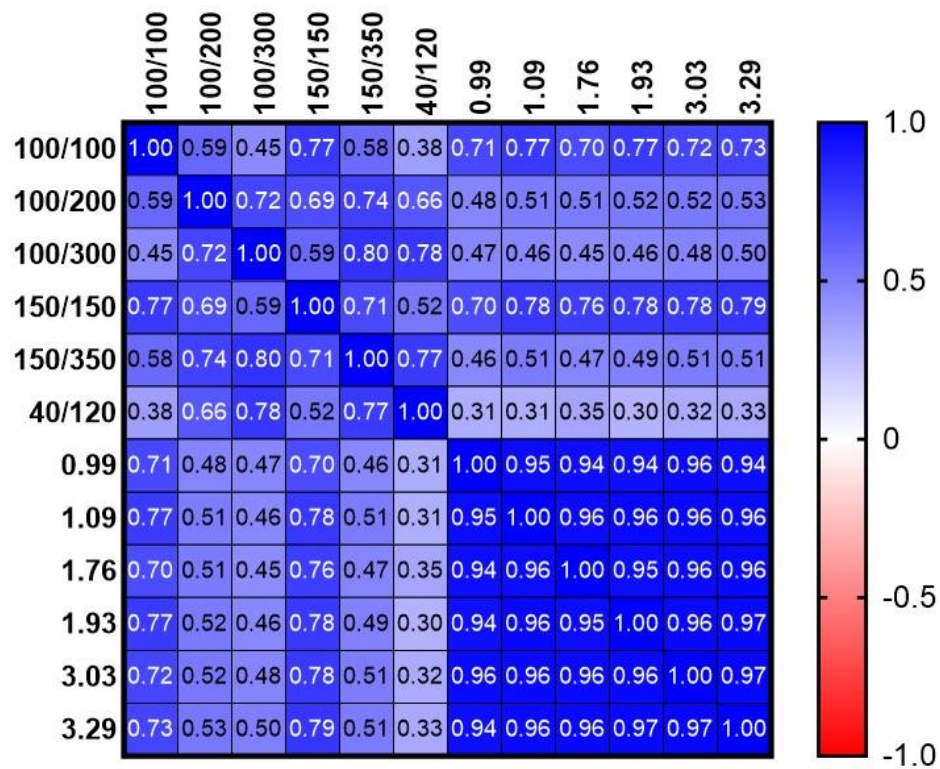
	Female	Male	<i>p</i> value
SC hydration	72 ± 15	70 ± 23	0.67
SC Thickness	255 ± 63	275 ± 70	0.21
MCs per mm²	7.6 ± 3.3	6.7 ± 2.2	0.32
SGs per mm²	5.7 ± 1.2	5.0 ± 1.2	0.034
Two-point discrimination	2.8 ± 0.7	2.8 ± 0.9	0.90
Age	34 ± 12	33 ± 9	0.62
R0	0.15 ± 0.04	0.14 ± 0.05	0.47
R2	0.74 ± 0.06	0.72 ± 0.08	0.46
Ridge distance	429 ± 28	488 ± 66	0.0006

18 **Table S2** – Correlation matrix for predictor parameters and average outcome values.



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20 **Table S3** – Correlation matrix for average coefficients of friction for micro-structured rubber samples
 21 (parametrized by diameter/height of micropillars) and for randomly rough plastic samples
 22 (parametrized by rms curvature values).



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