Erratum

Erratum to: Viscoelastic Properties of the Rat Brain in the Sagittal Plane: Effects of Anatomical Structure and Age

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This erratum is to correct for a constant term (κ , to correct for finite sample thickness) that was not applied to the fits presented in Figs. 4 and 5, which subsequently affects the magnitude of the fit moduli in Tables 1 and 2. This correction factor was the same for

all regions tested ($\kappa = 1.162$) except for the brain stem ($\kappa = 1.370$). Its application changes the magnitude of the data by the same factor, so the relative values and the shapes of the curves remain the same. As such, the discussion and conclusions presented in the original submission remain identical.

The corrected versions of Figs. 4 and 5 and Tables 1 and 2 are presented here. Figures 2 and 3 were correct as presented in the original manuscript.

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FIGURE 4. (a) Regional relaxation functions for adult rat brain. (b) Statistically significant differences between regional relaxation functions ($*p < 0.05$).

FIGURE 5. Regional relaxation functions for juvenile rat brain. (b) Statistically significant differences between regional relaxation functions (* $p < 0.05$).

TABLE 1. Regional relaxation function parameters for adult rat brain.

	G_{∞} (Pa)	G_1 (Pa)	τ_1 (s)	G_2 (Pa)	τ_2 (s)	G_3 (Pa)	τ_3 (s)	R^2
Alveus	169 $\pm$ 23	1560 $\pm$ 100	0.017 $\pm$ 0.0018	448 $\pm$ 38	0.253 $\pm$ 0.0619	386 $\pm$ 26	5.68 $\pm$ 1.21	0.995
Brainstem	134 $\pm$ 8	969 $\pm$ 50	0.0168 $\pm$ 0.0015	319 $\pm$ 20	0.239 $\pm$ 0.0435	174 $\pm$ 16	4.33 $\pm$ 0.92	0.988
Cerebellum gray matter	125 $\pm$ 22	763 $\pm$ 82	0.0167 $\pm$ 0.0026	245 $\pm$ 27	0.349 $\pm$ 0.117	211 $\pm$ 24	6.2 $\pm$ 2.28	0.992
Cerebellum white matter	125 $\pm$ 11	831 $\pm$ 80	0.0151 $\pm$ 0.0026	307 $\pm$ 37	0.176 $\pm$ 0.0461	237 $\pm$ 17	4.54 $\pm$ 0.88	0.995
Corpus callosum	177 $\pm$ 18	1637 $\pm$ 104	0.0161 $\pm$ 0.0018	513 $\pm$ 43	0.211 $\pm$ 0.0463	408 $\pm$ 26	4.82 $\pm$ 0.84	0.996
Dentate gyrus	584 $\pm$ 16	2083 $\pm$ 111	0.025 $\pm$ 0.0021	998 $\pm$ 29	1.33 $\pm$ 0.118			0.993
Hippocampus CA1	592 $\pm$ 50	911 $\pm$ 79	0.265 $\pm$ 0.067	2701 $\pm$ 203	0.0175 $\pm$ 0.0022	670 $\pm$ 57	5.79 $\pm$ 1.55	0.998
Hippocampus CA3	535 $\pm$ 29	2790 $\pm$ 201	0.0137 $\pm$ 0.0016	941 $\pm$ 64	0.195 $\pm$ 0.0351	665 $\pm$ 38	5.06 $\pm$ 0.86	0.998
Inner cortex	459 $\pm$ 43	687 $\pm$ 54	0.293 $\pm$ 0.0703	1727 $\pm$ 148	0.0177 $\pm$ 0.0024	508 $\pm$ 42	6.34 $\pm$ 1.79	0.997
Middle cortex	511 $\pm$ 9	1489 $\pm$ 41	0.0335 $\pm$ 0.0019	837 $\pm$ 18	1.75 $\pm$ 0.101			0.995
Outer cortex	448 $\pm$ 36	1501 $\pm$ 131	0.0195 $\pm$ 0.0031	620 $\pm$ 64	0.261 $\pm$ 0.076	518 $\pm$ 43	5.56 $\pm$ 1.41	0.997
Thalamus	353 $\pm$ 13	1621 $\pm$ 79	0.0168 $\pm$ 0.0014	615 $\pm$ 35	0.218 $\pm$ 0.033	464 $\pm$ 23	4.32 $\pm$ 0.52	0.997

Values are presented $\pm 95\%$ confidence interval.

TABLE 2. Regional relaxation function parameters for juvenile rat brain.

	G_{∞} (Pa)	G_1 (Pa)	τ_1 (s)	G_2 (Pa)	τ_2 (s)	G_3 (Pa)	τ_3 (s)	R^2
Alveus	295 ± 19	1071 ± 94	0.0169 ± 0.0023	408 ± 34	0.278 ± 0.0704	347 ± 28	5.09 ± 1.12	0.997
Brainstem	223 ± 11	800 ± 48	0.0191 ± 0.0018	293 ± 23	0.363 ± 0.0797	171 ± 22	4.77 ± 1.43	0.995
Cerebellum gray matter	136 ± 13	648 ± 96	0.0132 ± 0.0031	287 ± 29	0.188 ± 0.0467	266 ± 16	5.25 ± 0.95	0.993
Cerebellum white matter	128 ± 12	515 ± 38	0.0239 ± 0.0036	217 ± 25	0.311 ± 0.102	240 ± 20	5.06 ± 1.08	0.988
Corpus callosum	219 ± 23	965 ± 112	0.017 ± 0.0033	285 ± 45	0.237 ± 0.105	280 ± 30	5.37 ± 1.71	0.994
Dentate gyrus	265 ± 30	1255 ± 124	0.0177 ± 0.0028	431 ± 48	0.272 ± 0.0894	387 ± 35	5.75 ± 1.65	0.996
Hippocampus CA1	340 ± 43	1319 ± 172	0.0179 ± 0.0038	456 ± 68	0.275 ± 0.121	366 ± 51	5.75 ± 2.47	0.998
Hippocampus CA3	266 ± 28	1115 ± 112	0.0162 ± 0.0025	396 ± 36	0.28 ± 0.0772	332 ± 28	6.32 ± 1.81	0.997
Cortex	408 ± 21	1358 ± 106	0.0171 ± 0.0022	565 ± 42	0.248 ± 0.0534	443 ± 30	5.12 ± 0.99	0.993
Thalamus	265 ± 16	1070 ± 69	0.0163 ± 0.0016	390 ± 23	0.266 ± 0.0468	317 ± 17	6.1 ± 1.09	0.997

Values are presented ±95% confidence interval.