

Additional Statistical Information:

Panel	Statistical test	P value	Confidence interval
Fig. 1f	<i>Two-tailed unpaired Student's t test</i>	P <0.0001	95% confidence interval [-37.14 to -17.81]
Fig. 2i	<i>One-tailed wilcoxon matched-pairs signed rank test</i>	P = 0.0312	96.88 % confidence interval [-134.8 to -69.49]
Fig. 2m	<i>One-tailed wilcoxon matched-pairs signed rank test</i>	P <0.0001	97.10% confidence interval [-7.952 to -4.103]
Fig. 3c	<i>Two-tailed paired Student's t test</i>	P <0.0001	95% confidence interval [-97.14 to -83.24]
Fig. 3f	<i>Two-tailed paired Student's t test</i>	P <0.0001	95% confidence interval [-93.99 to -74.28]
Fig. 3g (top)	<i>One-tailed wilcoxon matched-pairs signed rank test</i>	P <0.0001	98.08% confidence interval [-98.47 to -90.61]
Fig. 3g (bottom)	<i>One-tailed wilcoxon matched-pairs signed rank test</i>	P= 0.0078	99.22% confidence interval [-94.07 to -42.14]
Fig. 4b	<i>Two-tailed unpaired Student's t test</i>	P = 0.003	95% confidence interval [7.004 to 28.29]
Fig. 4c	<i>Two-tailed unpaired Student's t test</i>	P = 0.0023	95% confidence interval [5.465 to 18.87]
Fig. 4g	<i>Two-tailed unpaired Student's t test</i>	P = 0.0002	95% confidence interval [-42.40 to -27.79]
Fig. 4j	<i>Two-sided Mann Whitney test</i>	P = 0.0002	95.01% confidence interval [12.27 to -7.146]
Fig. 4k	<i>Two-tailed unpaired Student's t test</i>	P <0.0001	95% confidence interval [-16.53 to -7.385]
Fig. 4l	<i>Two-tailed Unpaired Student's t test</i>	P = 0.0082	95% confidence interval [-17.81 to -3.142]
Fig. 5b	<i>ANOVA summary</i>	F = 9.77 P = 0.013	
Fig. 5c	<i>Extra-sum-of-squares F test to compare non-linear regression</i>	F = 61.61 P <0.0001	