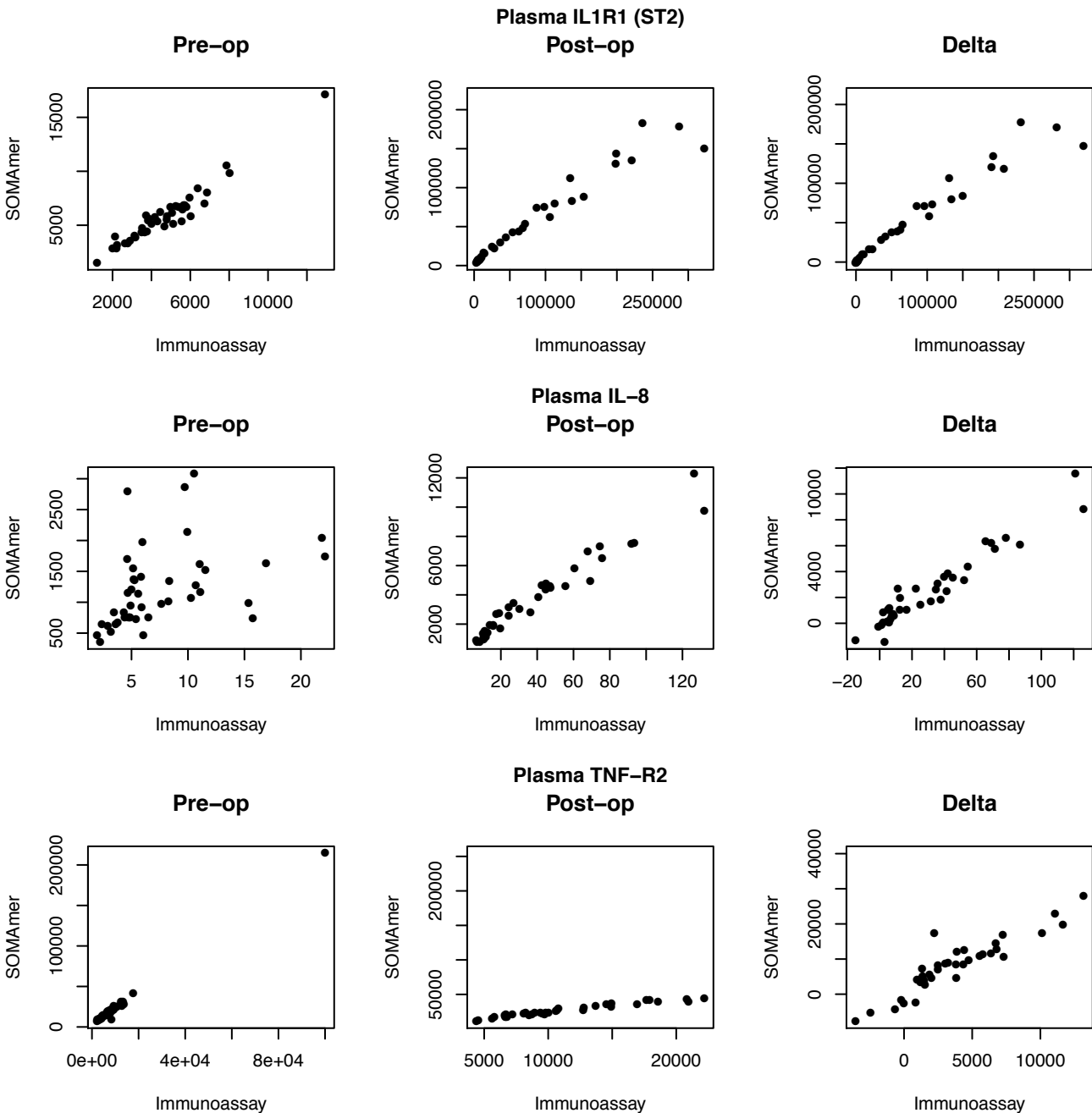


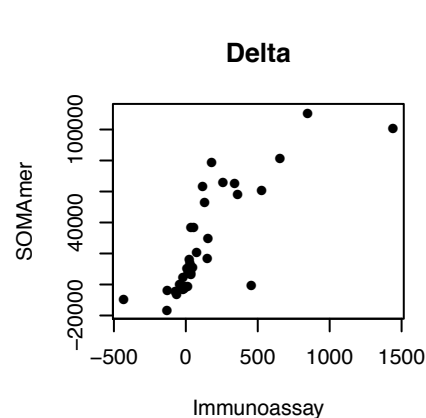
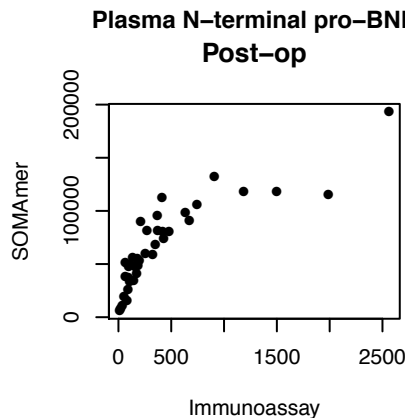
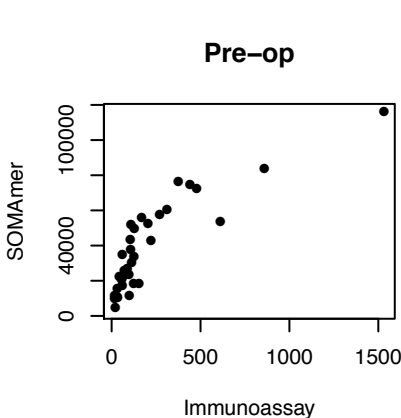
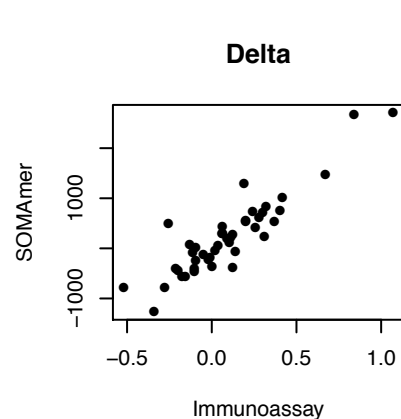
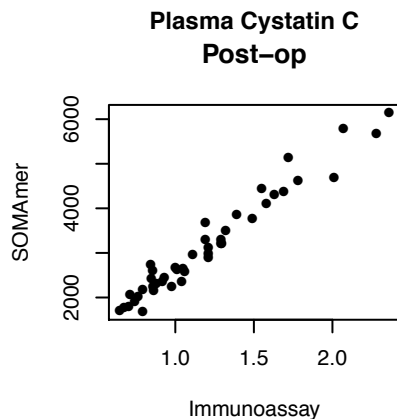
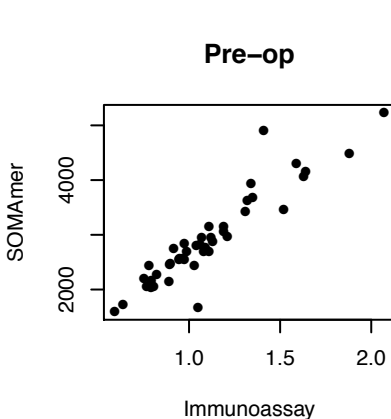
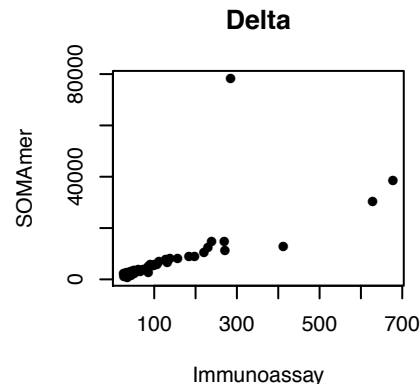
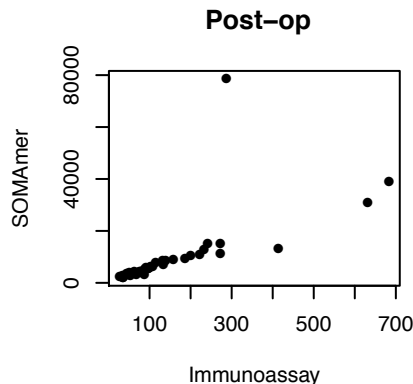
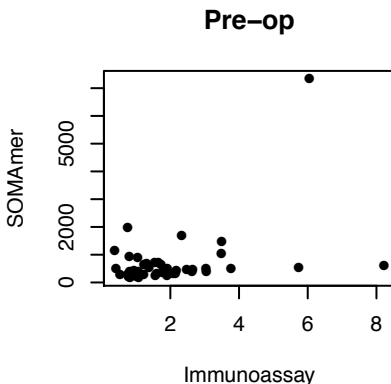
Supplemental Figure 1

Scatterplots of Preoperative, Postoperative, and Δ Pre- to Post-operative Correlations between Samples' Biomarker Levels as Measured by Immunoassay versus SOMAmer-Based Platform

Scatter plots of all plasma and urine samples' immunoassay biomarker measurements (x-axes) plotted by their respective SOMAmer-based platform biomarker measurements (y-axes), for both preoperative and postoperative timepoints, as well as for Δ pre- to post-operative values. Y-axes are in units of relative fluorescence units (RFU). X-axes units for each specific biomarker can be found in Supplemental Table 1 (for plasma samples) and Supplemental Table 2 (for urine samples). Biomarker scatterplots are presented in the order the proteins appear in Supplemental Tables 1 and 2.

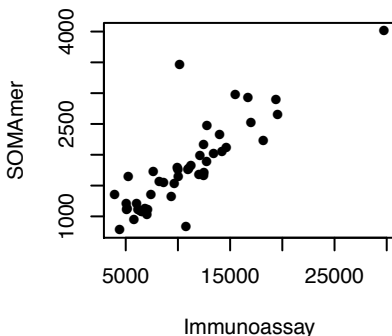


Plasma IL-6 (First SOMAmer Variation)

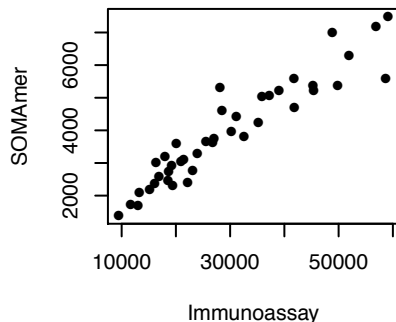


Plasma TNF-R1

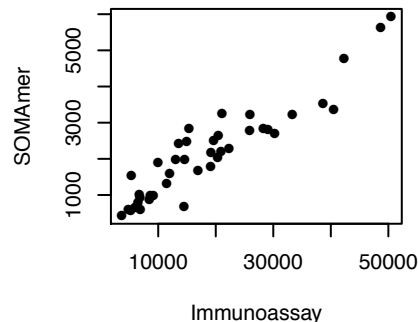
Pre-op



Post-op

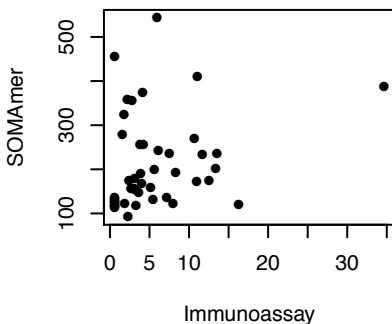


Delta

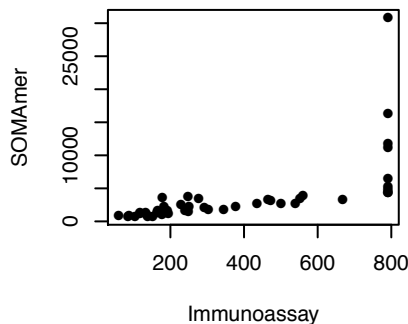


Plasma IL-6 (Second SOMAmer Variation)

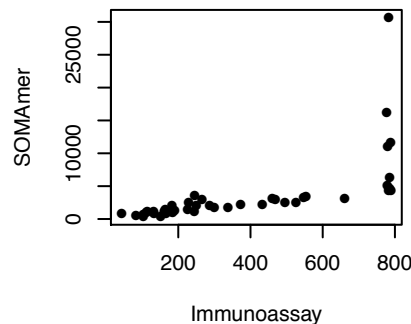
Pre-op



Post-op

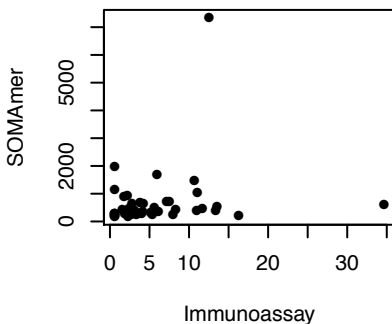


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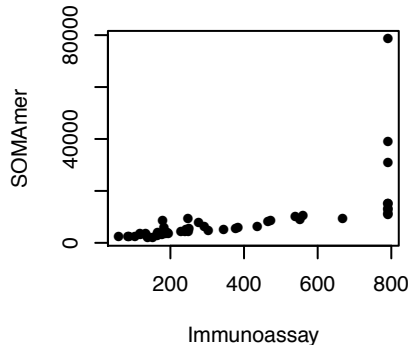


Plasma IL-6 (Third SOMAmer Variation)

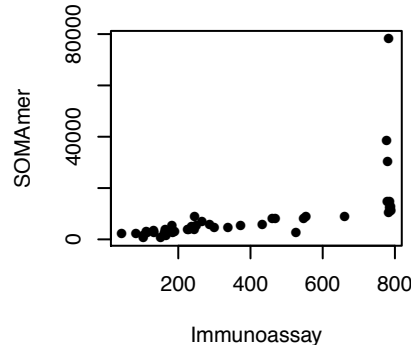
Pre-op



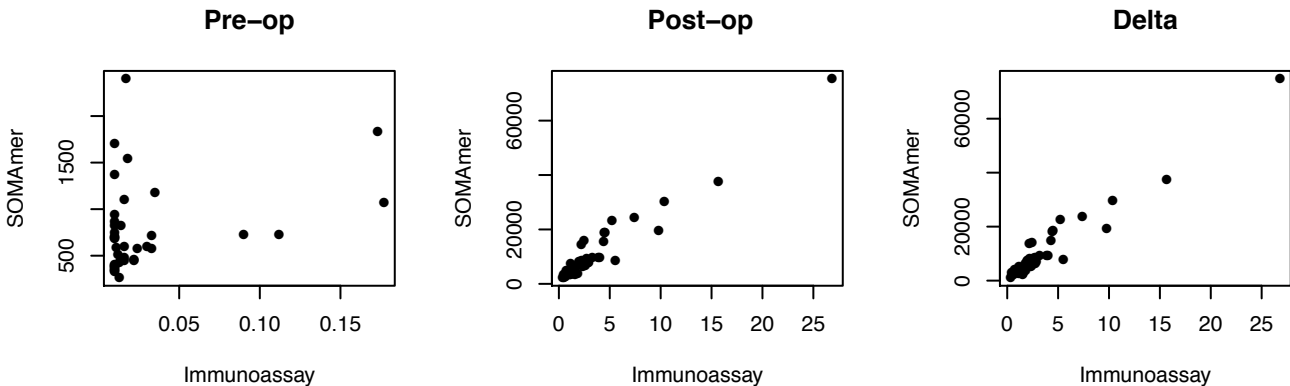
Post-op



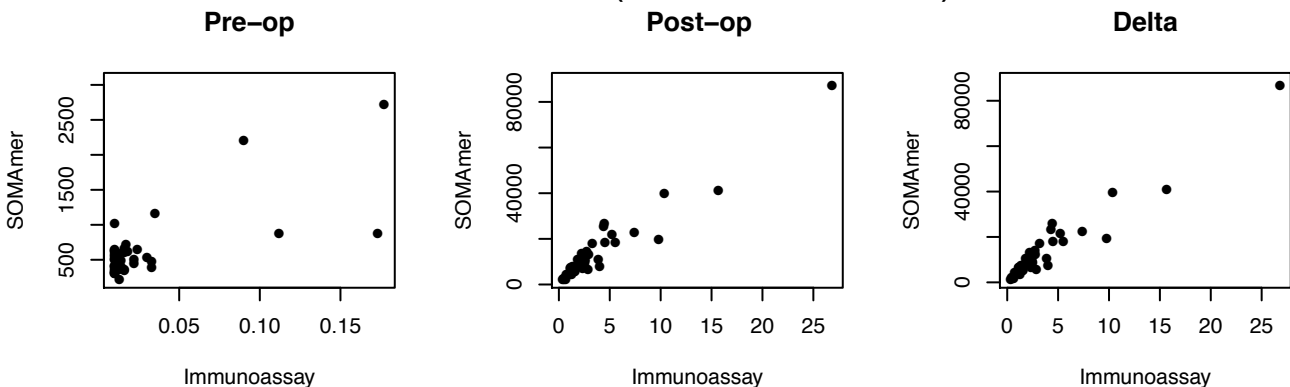
Delta



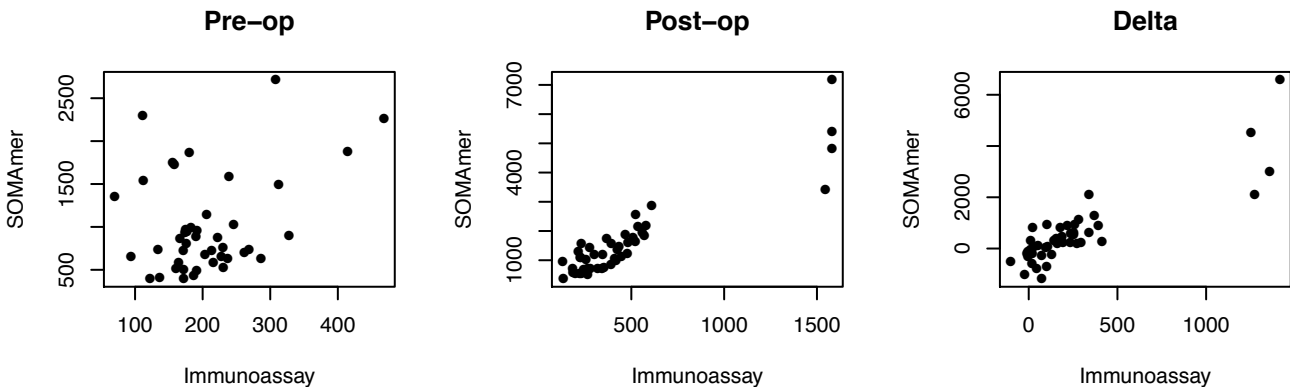
Plasma TNNI3 (First SOMAmer Variation)

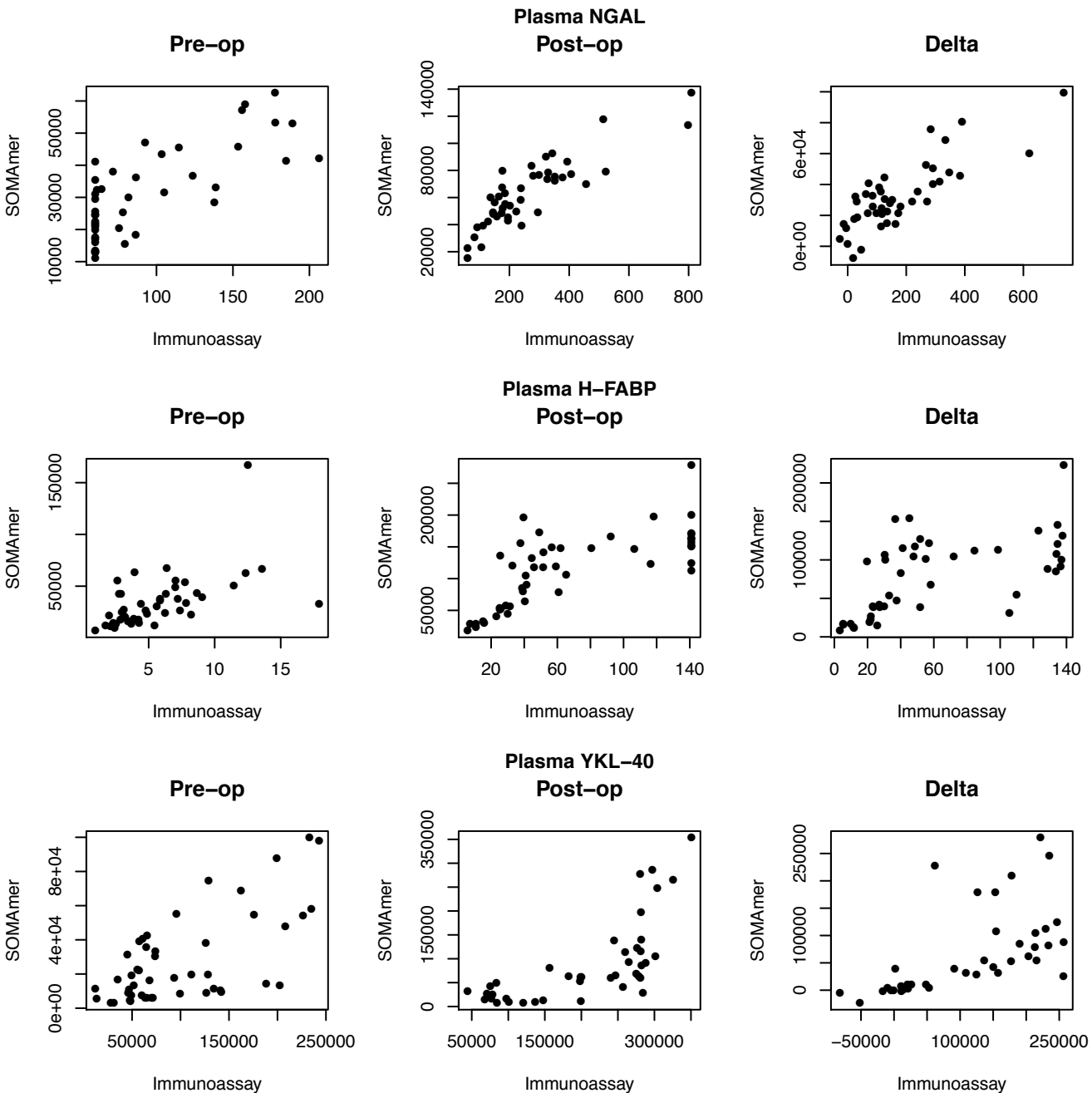


Plasma TNNI3 (Second SOMAmer Variation)

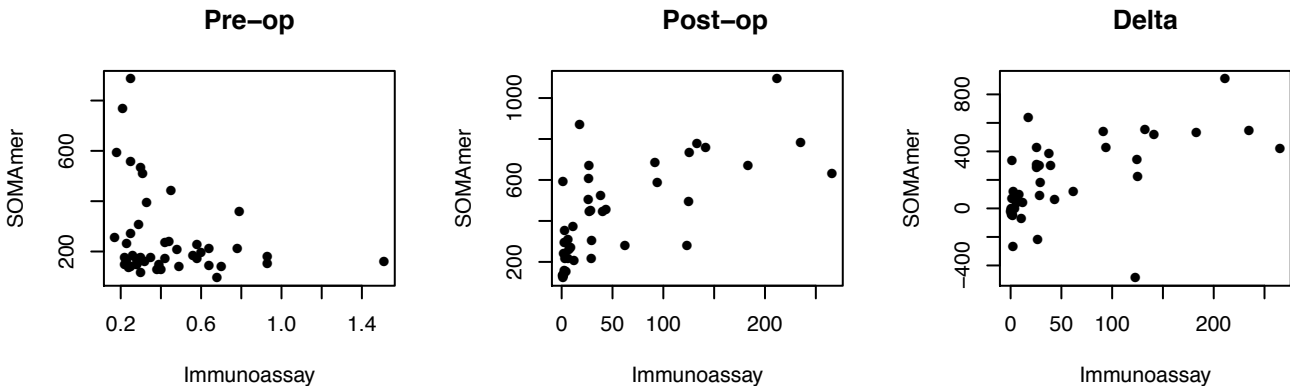


Plasma MCP-1

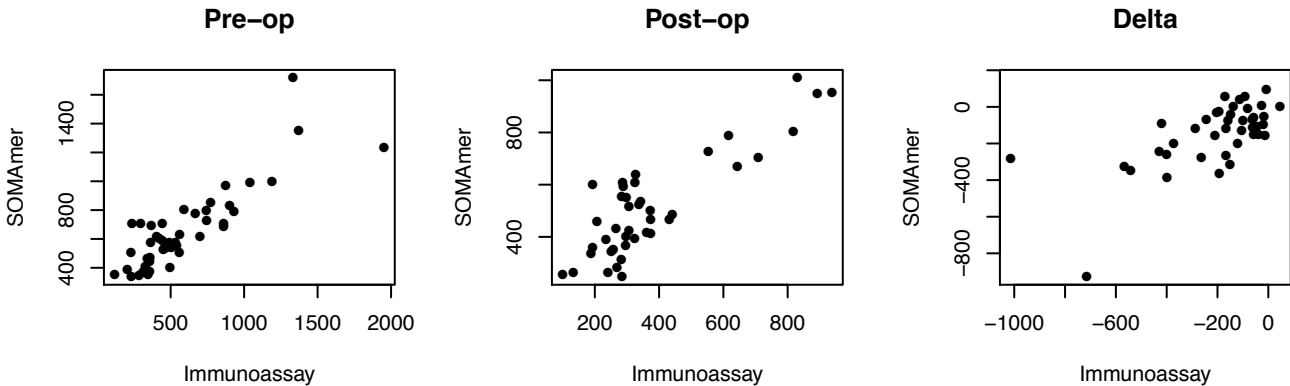




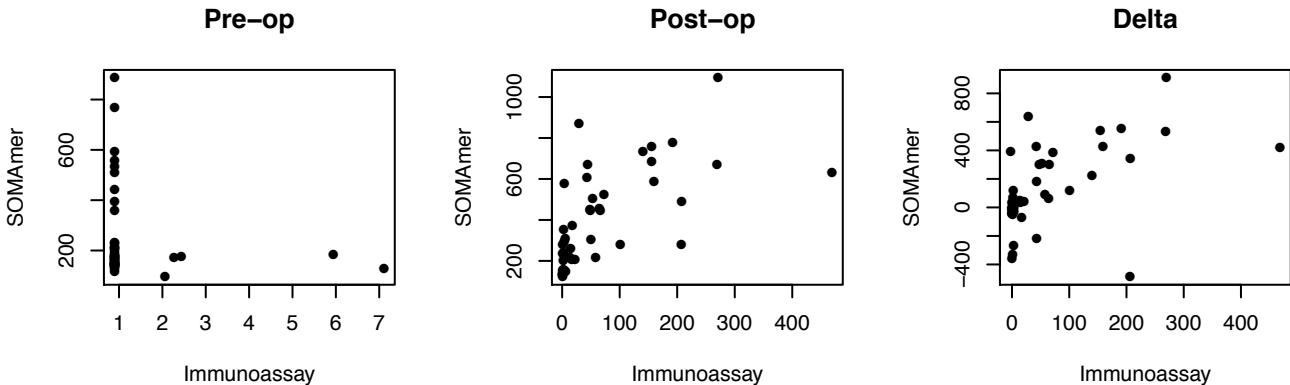
Plasma IL-10 (First SOMAmer Variation)

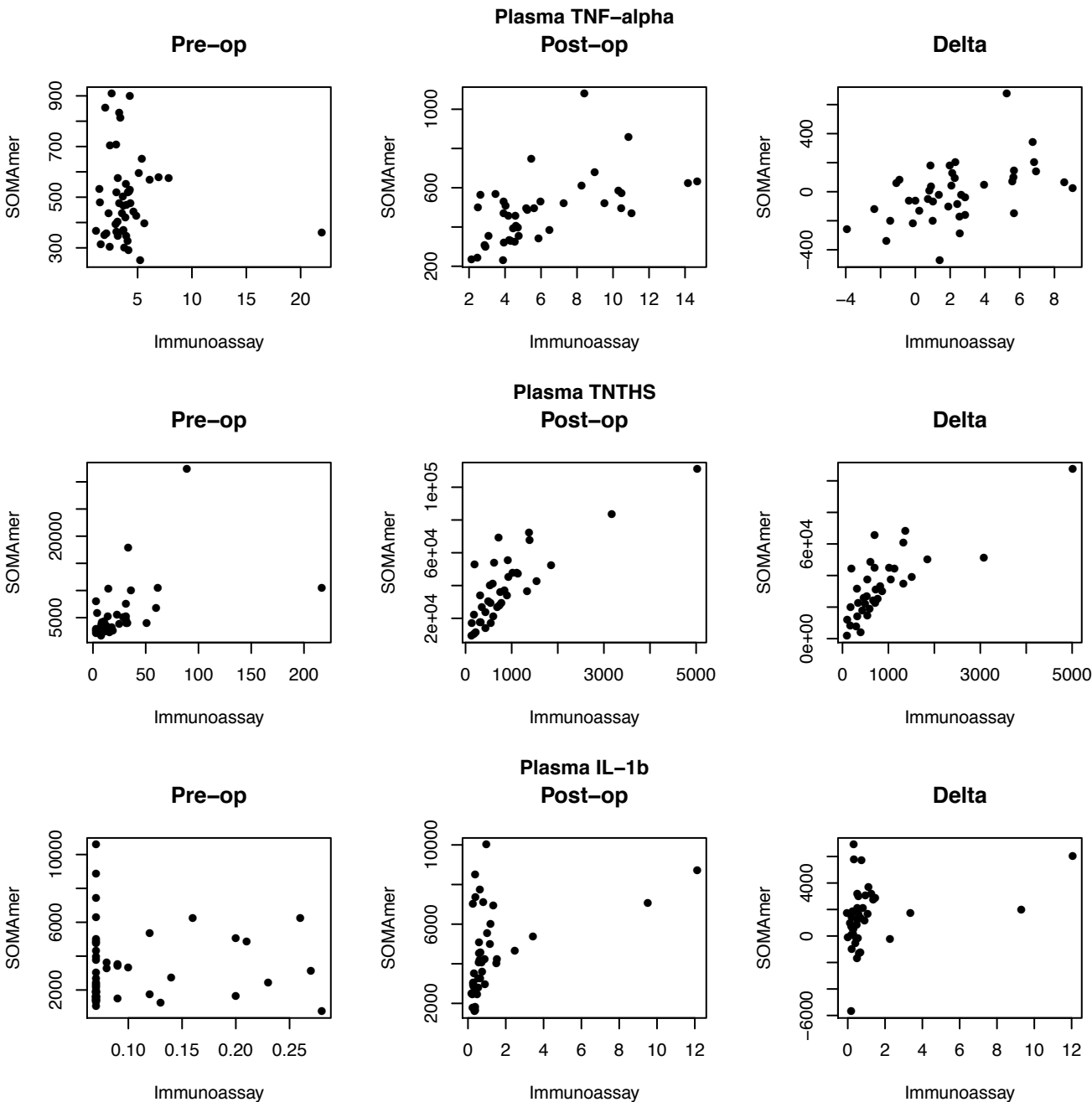


Plasma VEGF-D



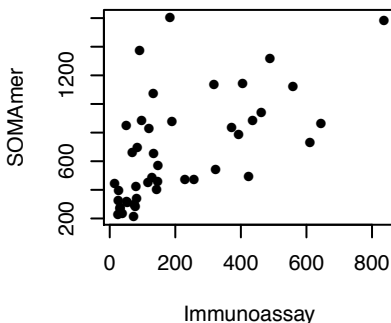
Plasma IL-10 (Second SOMAmer Variation)



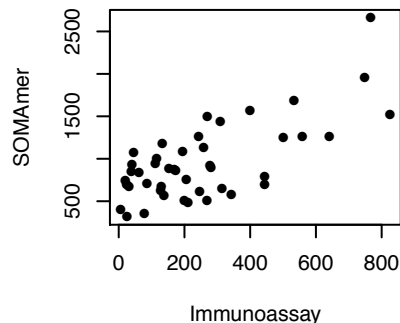


Plasma BNP-3

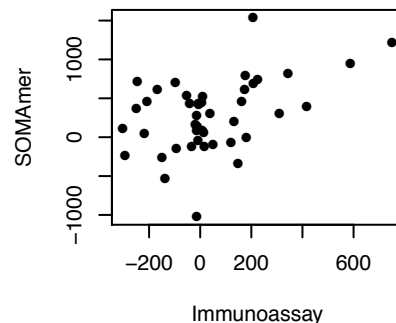
Pre-op



Post-op

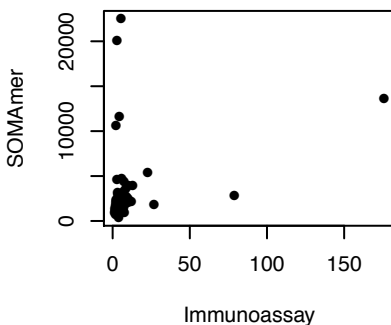


Delta

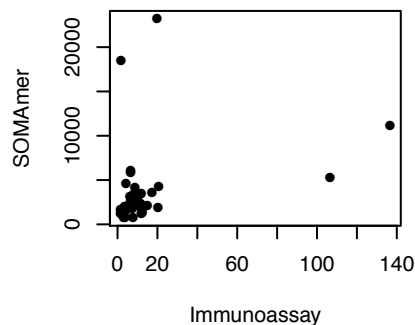


Plasma bFGF

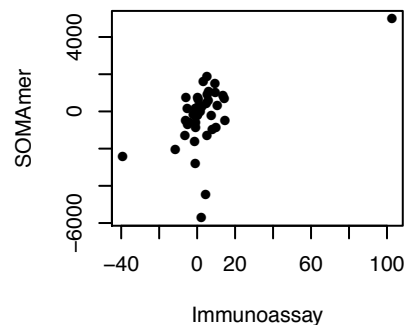
Pre-op



Post-op

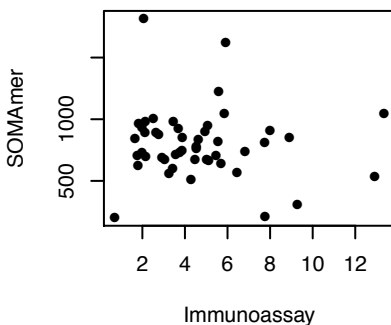


Delta

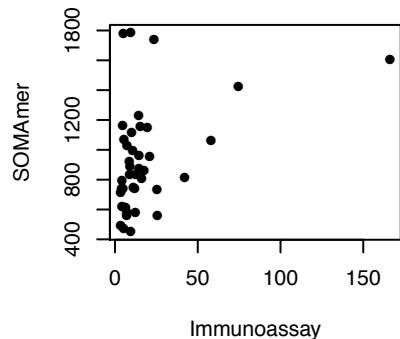


Plasma IFN γ

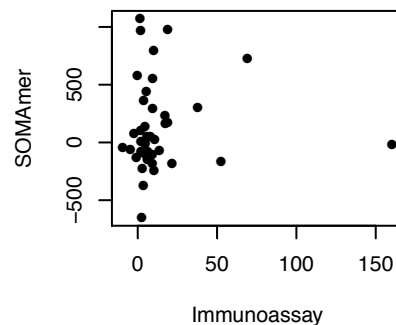
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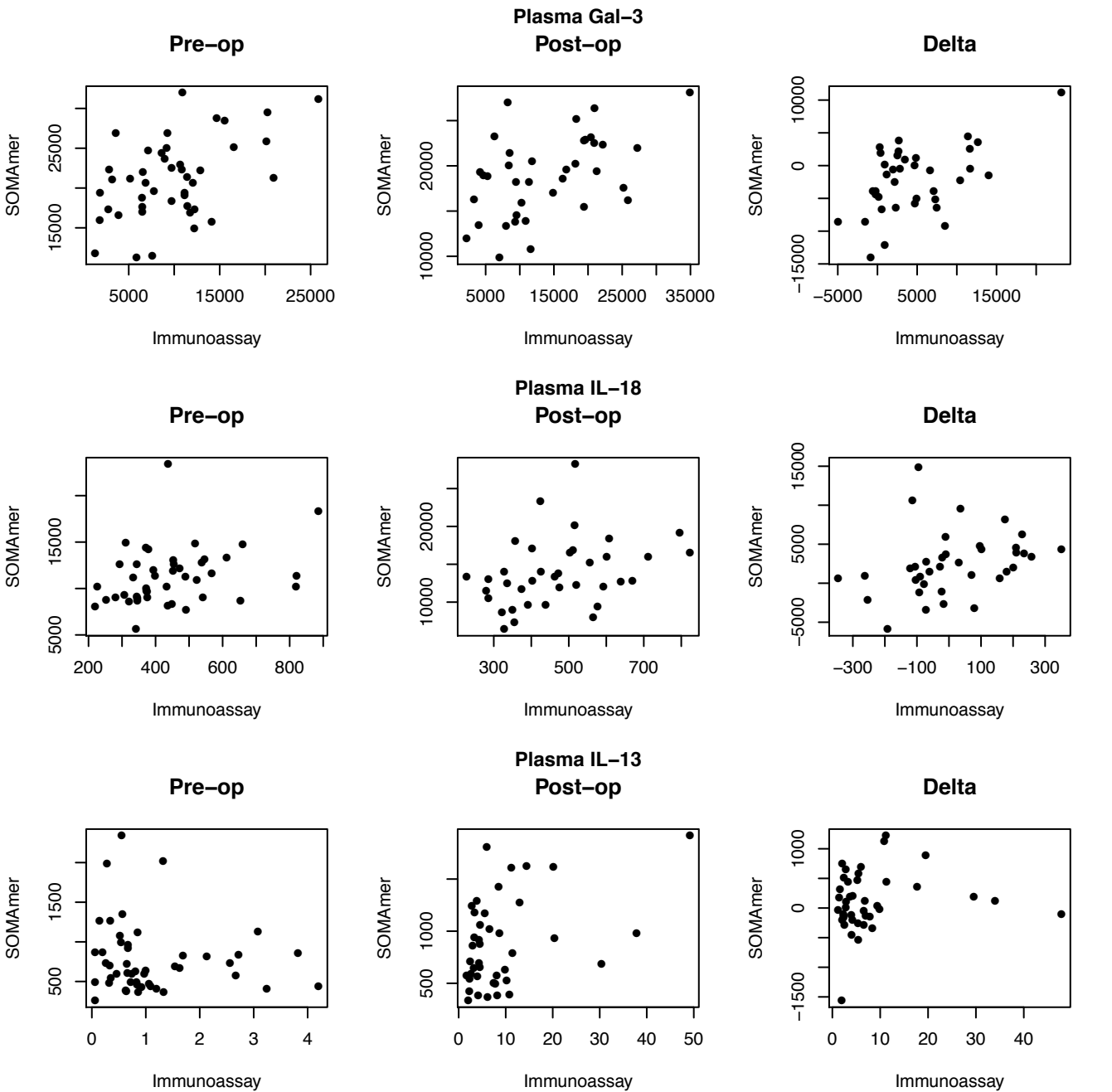


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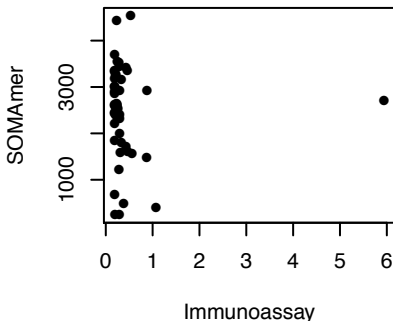


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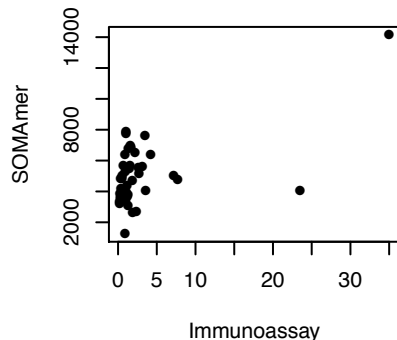




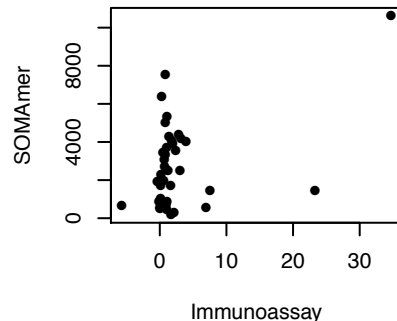
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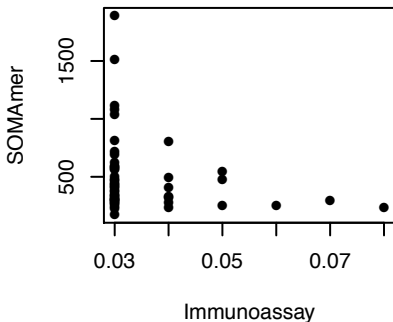
Plasma IL-2
Post-op



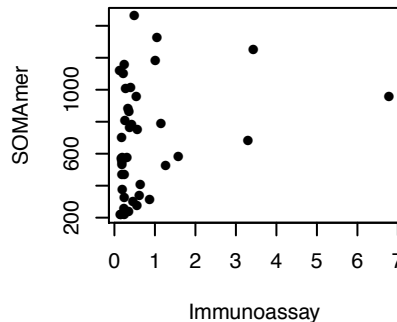
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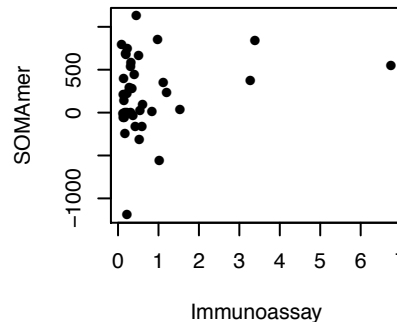
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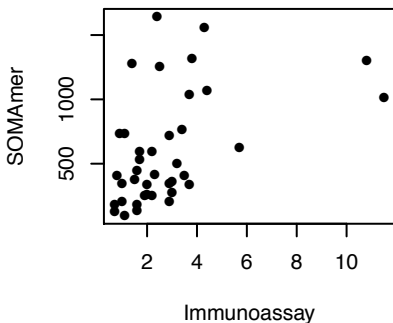
Plasma IL-4
Post-op



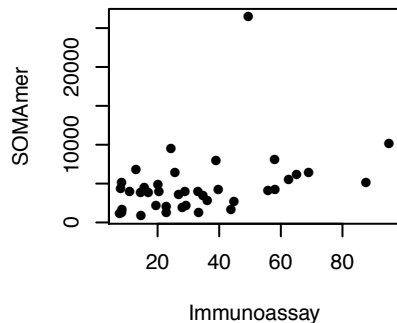
Delta



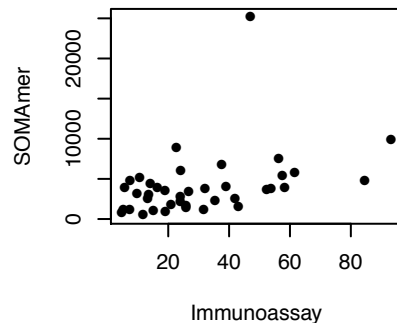
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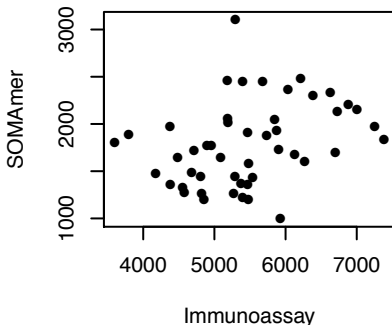
Plasma CK-MB
Post-op



Delta

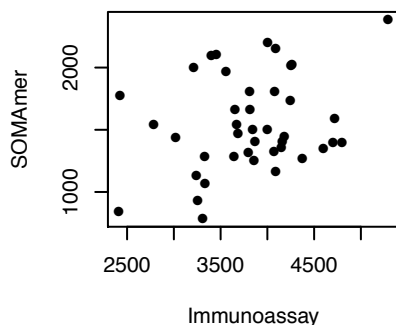


Pre-op

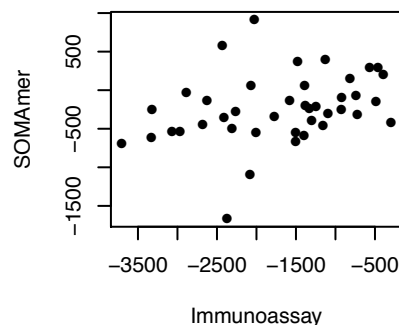


Plasma Tie 2

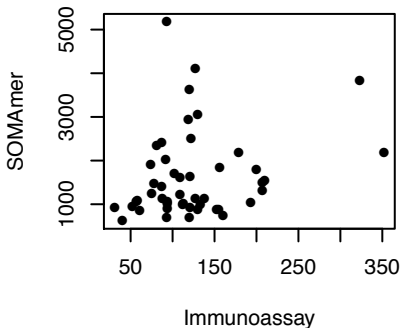
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Delta

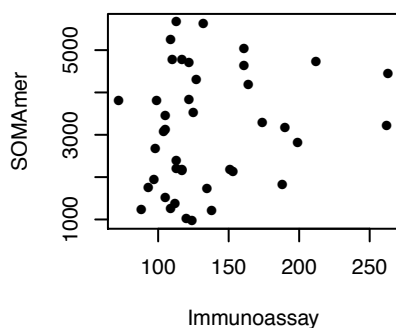


Pre-op

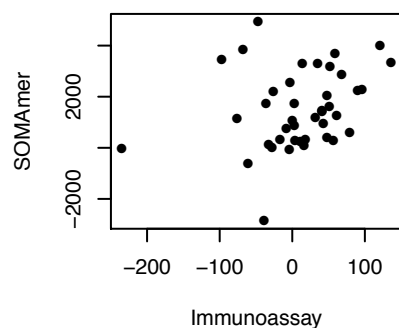


Plasma VEGFc

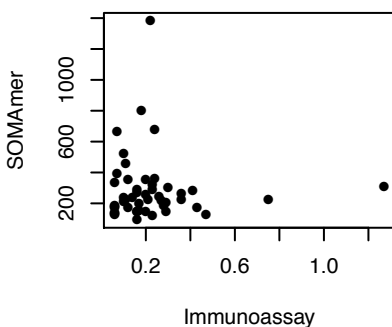
Post-op



Delta

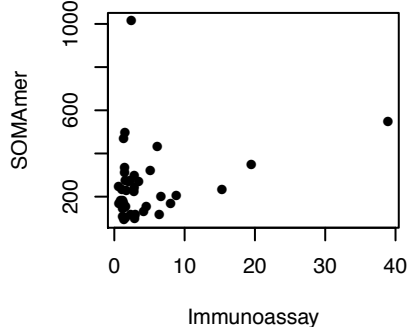


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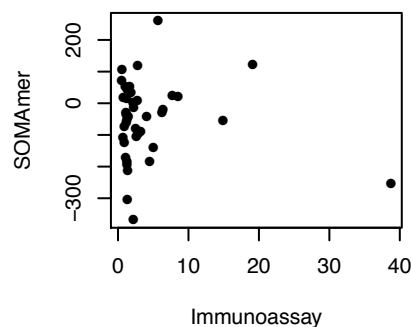


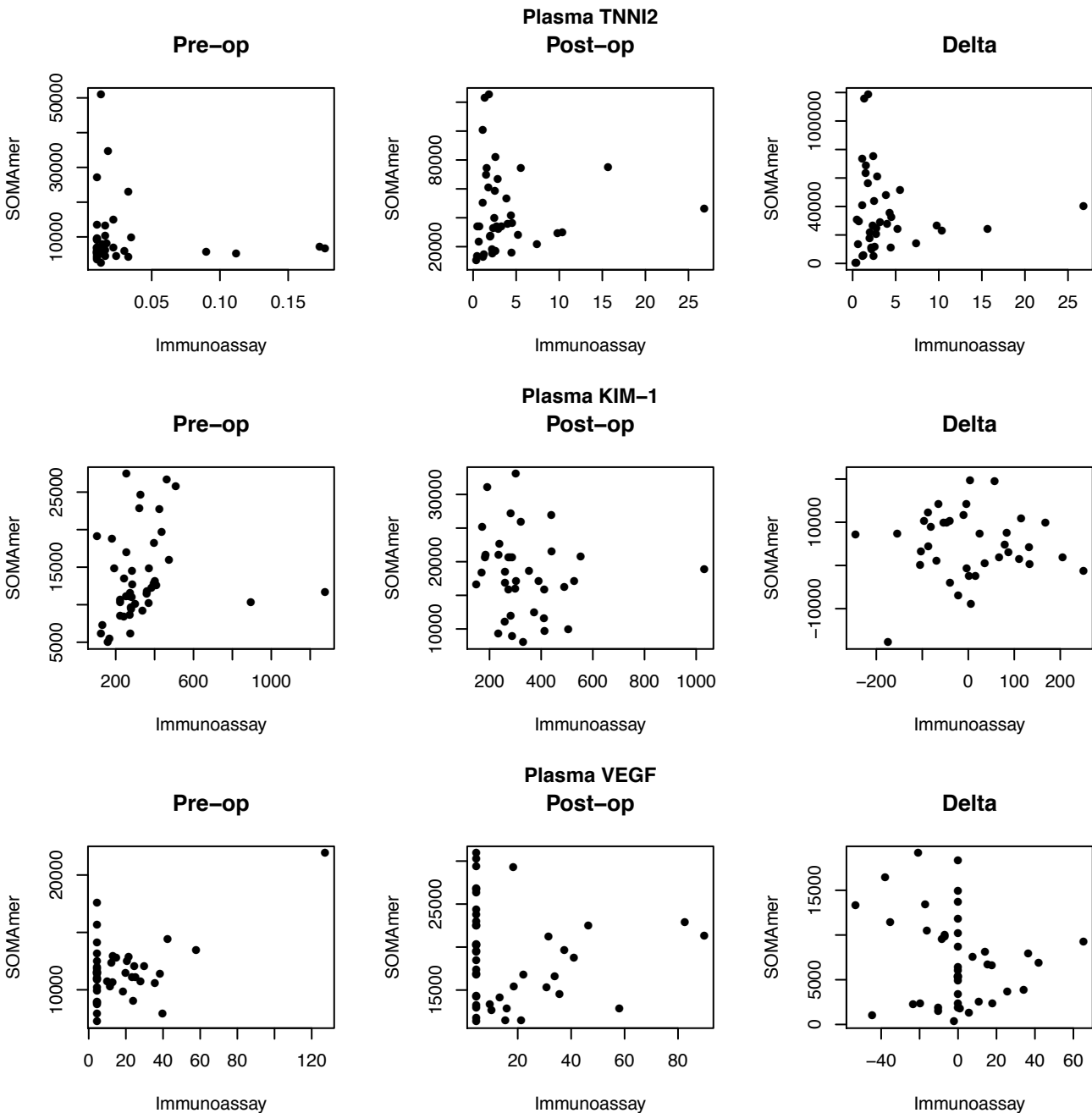
Plasma IL-12

Post-op

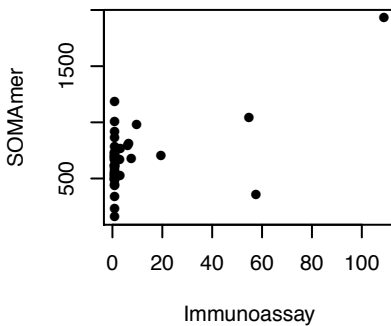


Delta

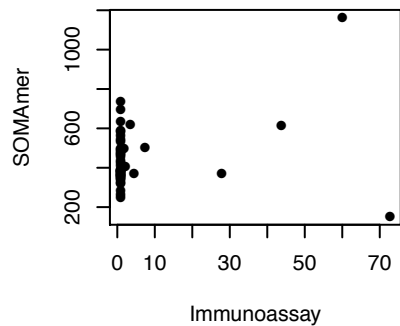




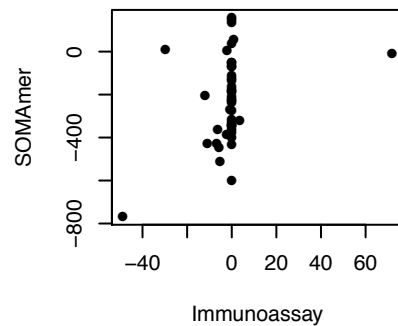
Pre-op

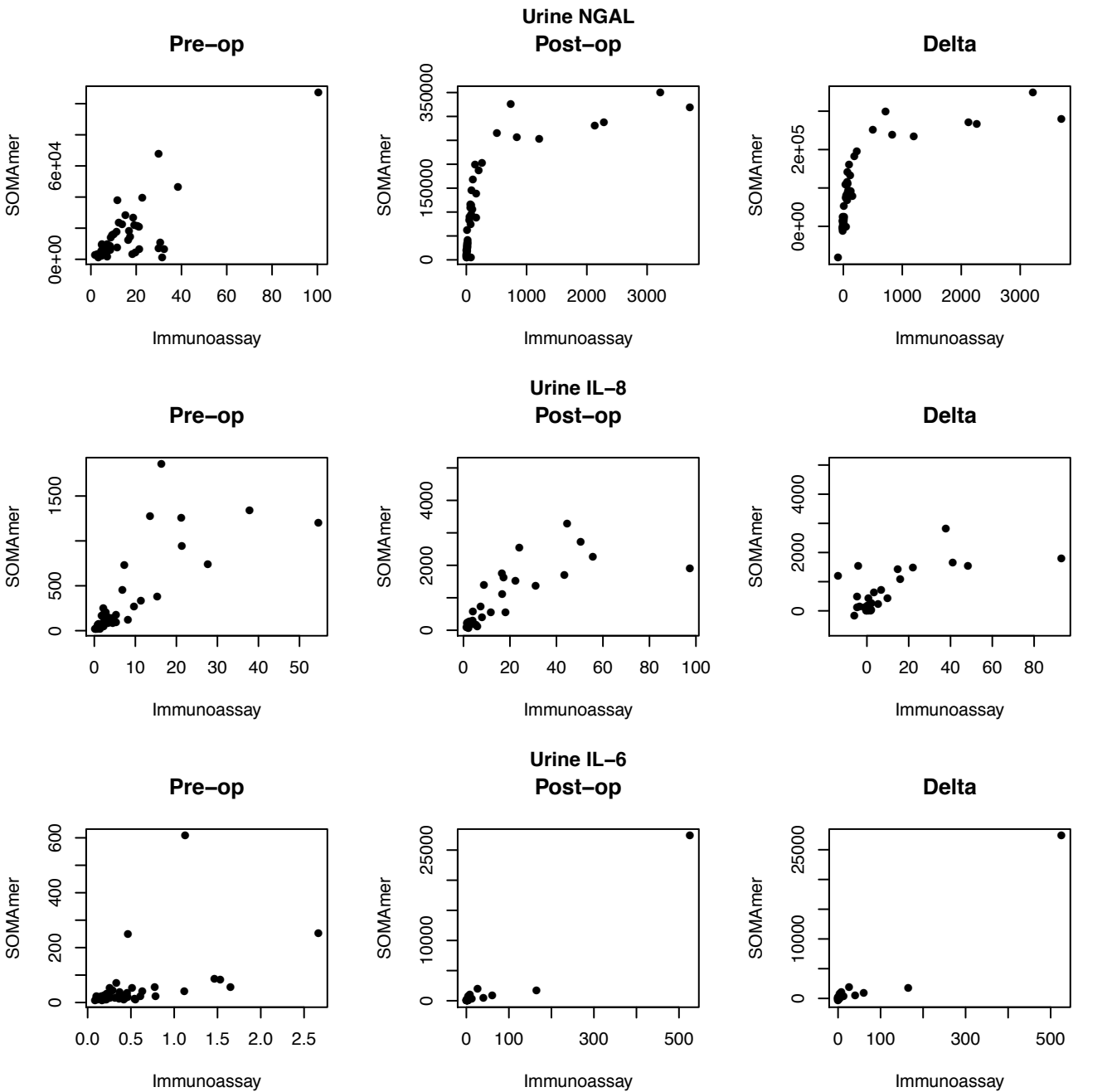


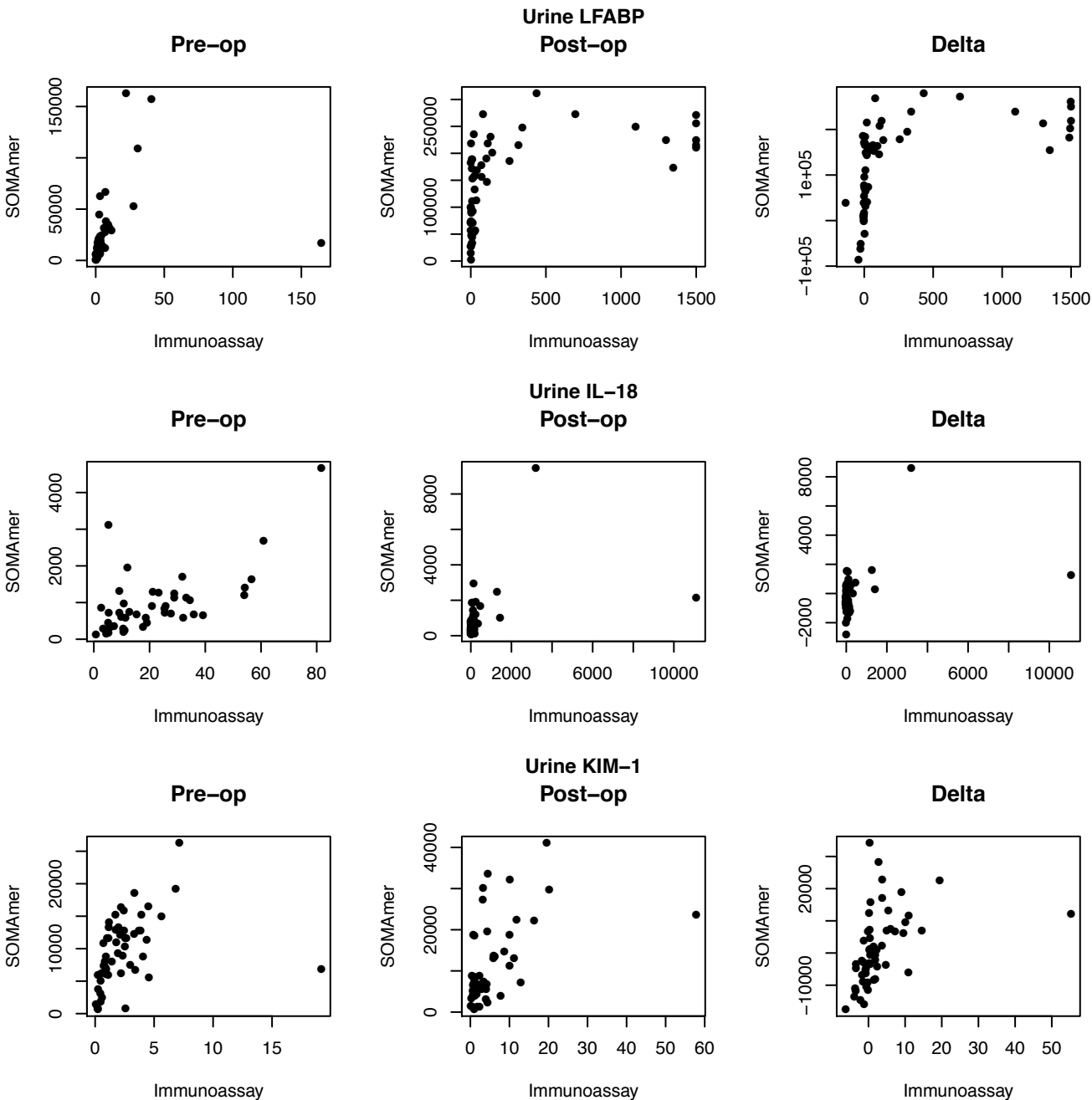
Plasma EGF
Post-op

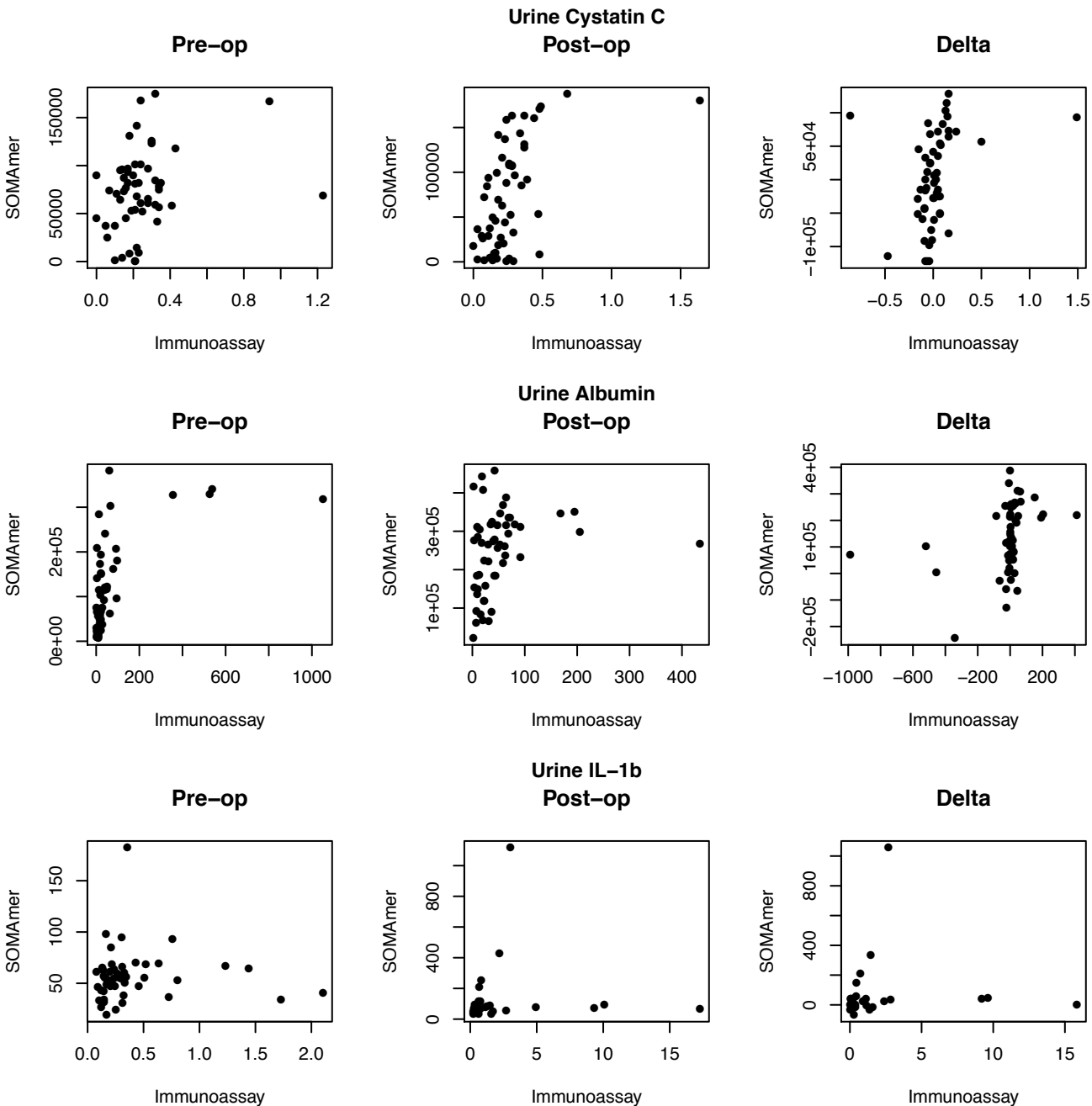


Delta

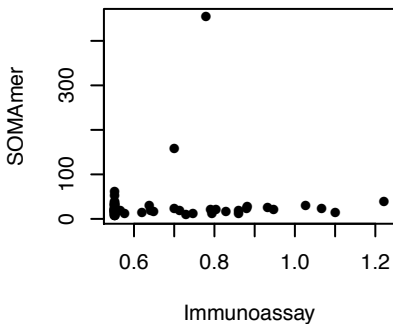




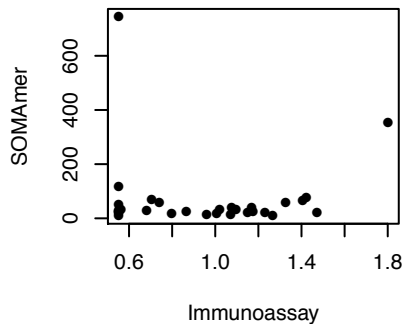




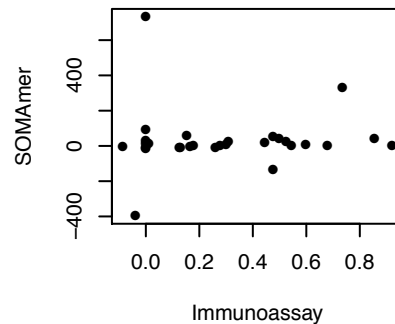
Pre-op



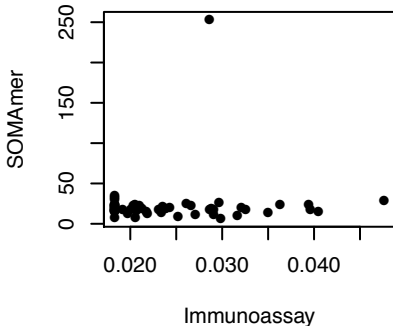
Urine IL-13
Post-op



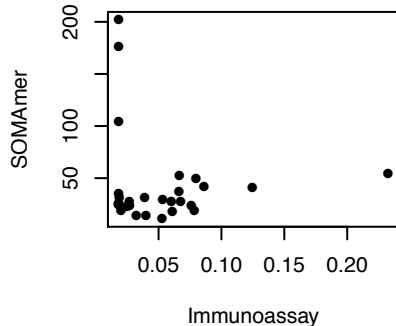
Delta



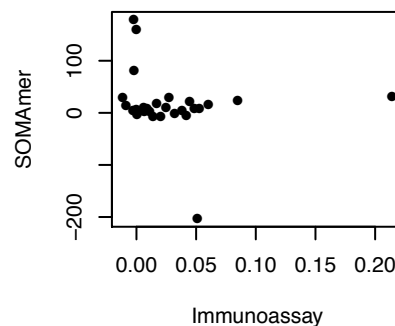
Pre-op



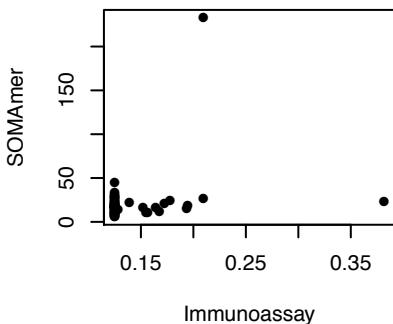
Urine IL-4
Post-op



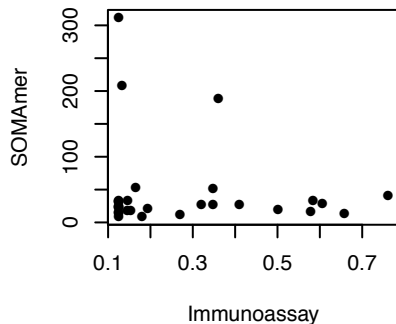
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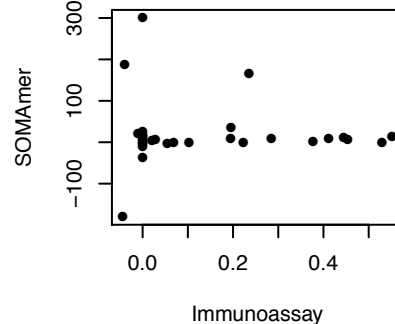
Pre-op



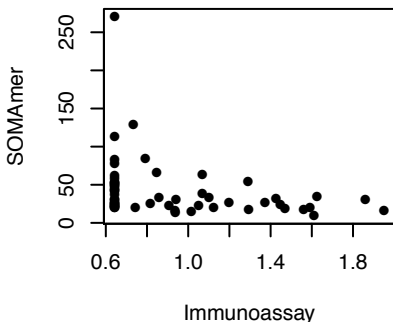
Urine TNF-alpha
Post-op



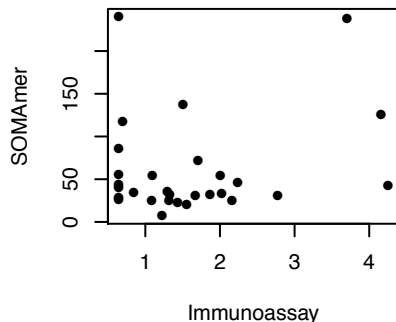
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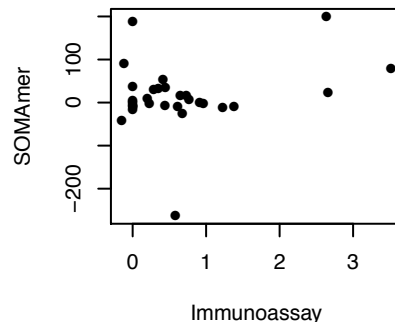
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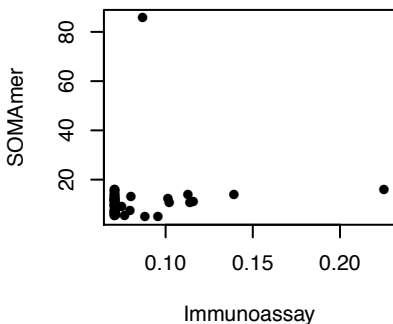
Urine IFNg
Post-op



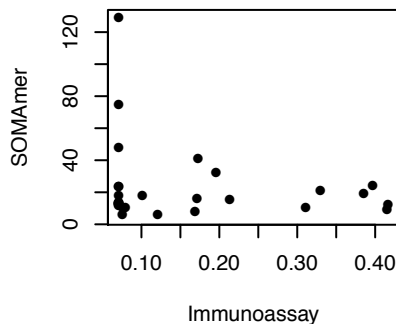
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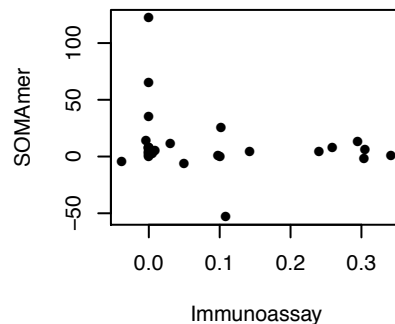
Pre-op



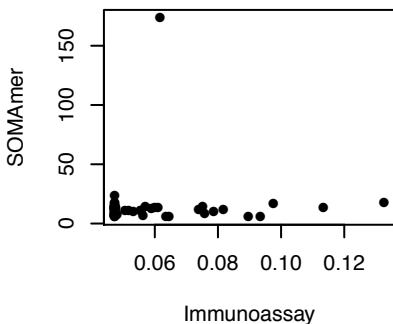
Urine IL-12
Post-op



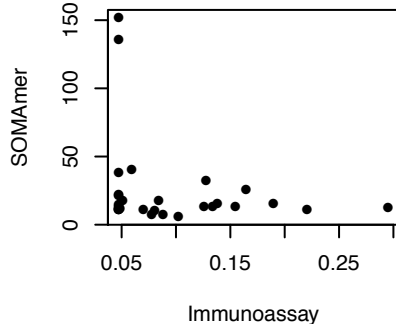
Delta



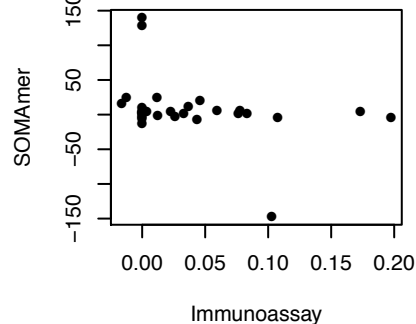
Pre-op

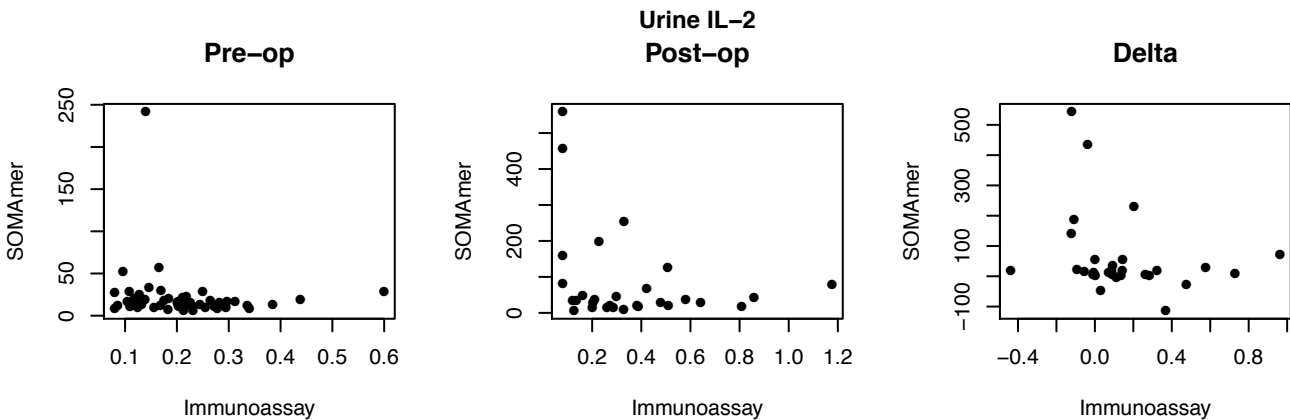


Urine IL-10
Post-op



Delta





Supplemental Figure 2

Boxplots of Preoperative and Postoperative Spearman Correlations for Plasma and Urine Based on Time Between Immunoassay and SOMAmer Measurement

Time was defined as the number of months between the immunoassay and SOMAmer measurements. Negative time values indicate biomarkers that were measured by an immunoassay after the SOMAmer measurements were completed.

