

Appendix AA

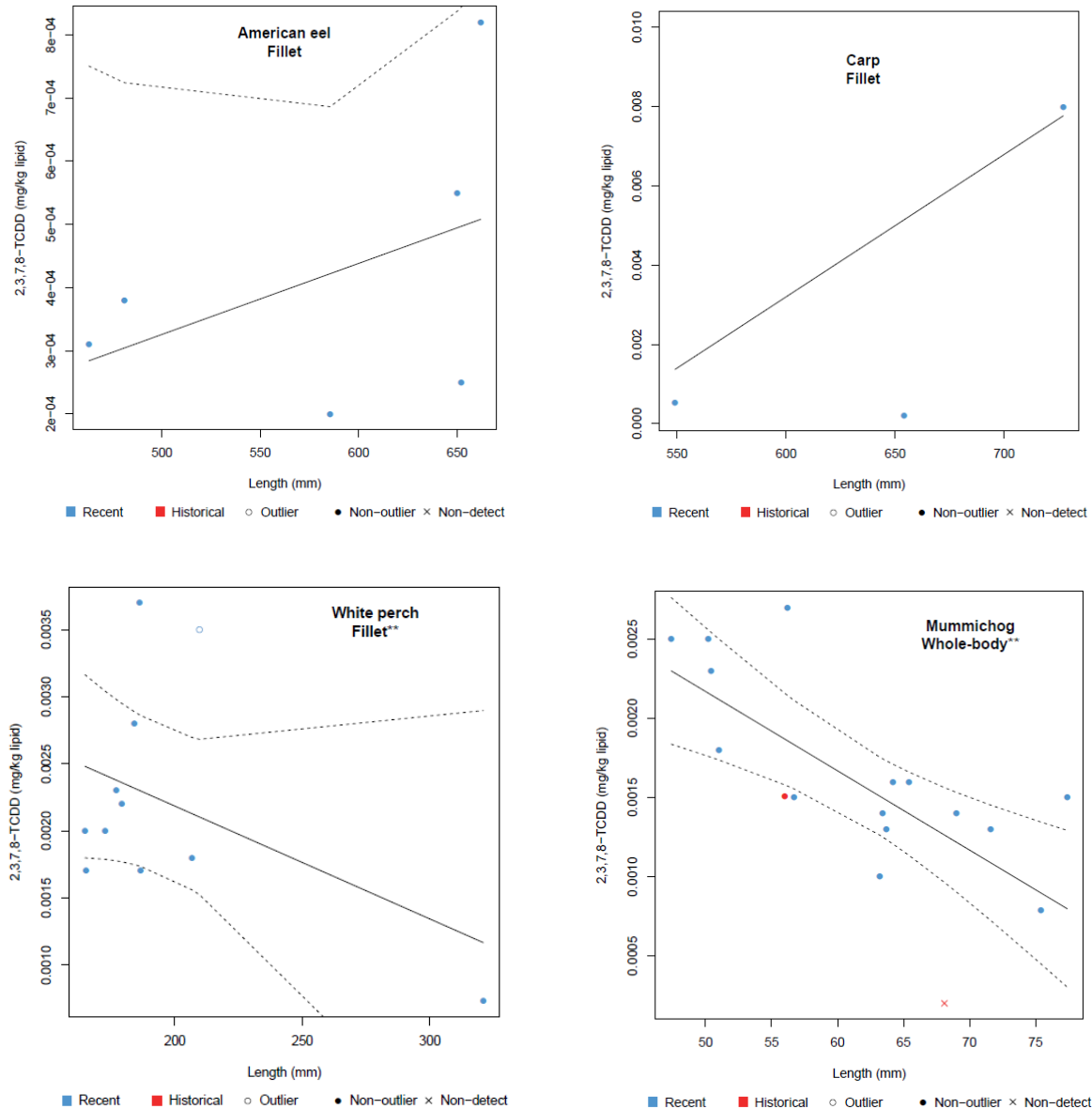
Regression Plots of Length versus Tissue Concentration for Biota

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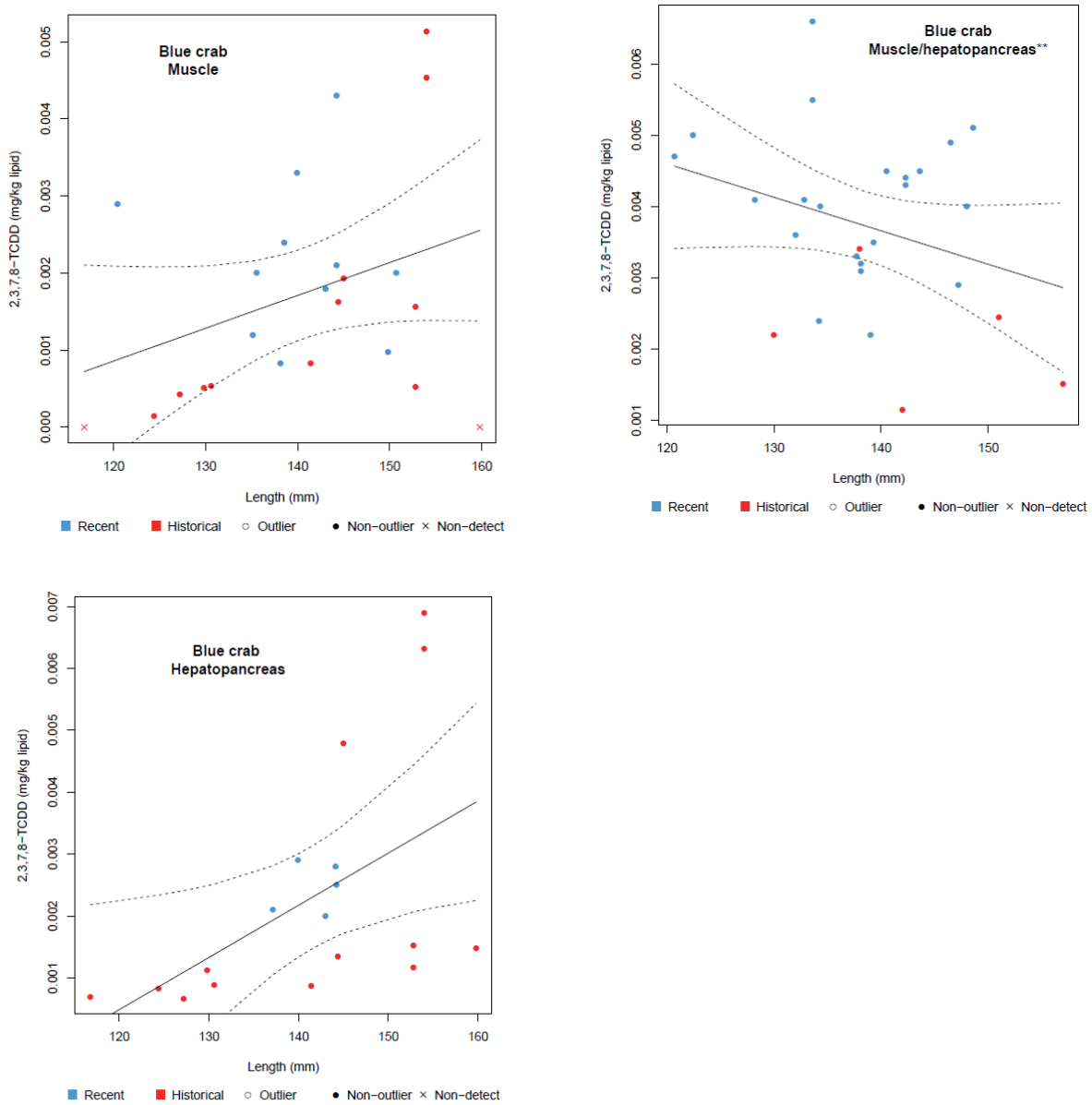
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Figure 1
American Eel, Carp, White Perch, and Mummichog Length and Lipid-Normalized 2,3,7,8-TCDD Concentrations



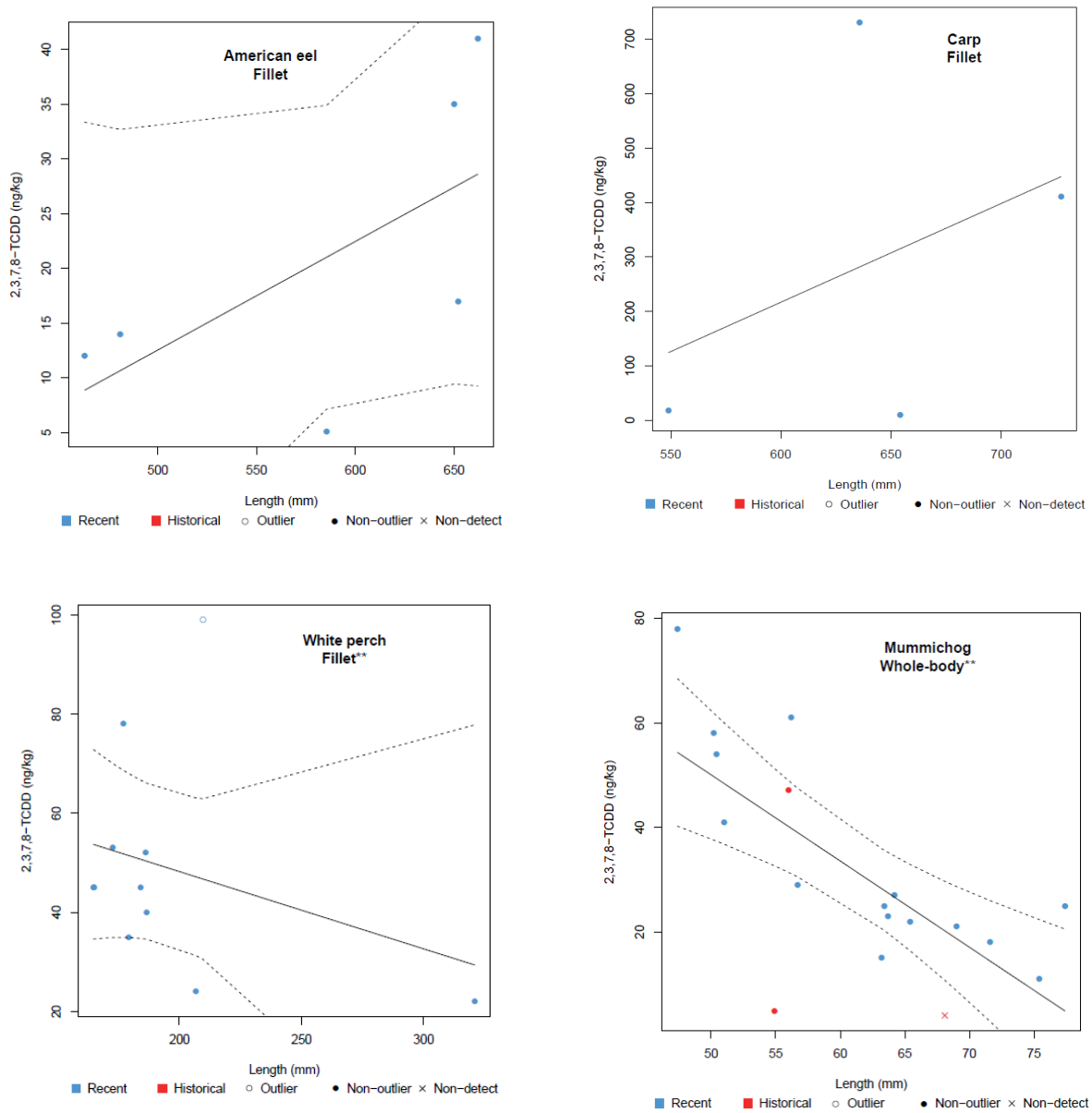
Note: Linear regression (with outliers included) and 95% confidence intervals are shown. Linear regression slope is significant for white perch and mummichog.

Figure 2
Blue Crab Length and Lipid-Normalized 2,3,7,8-TCDD Concentrations



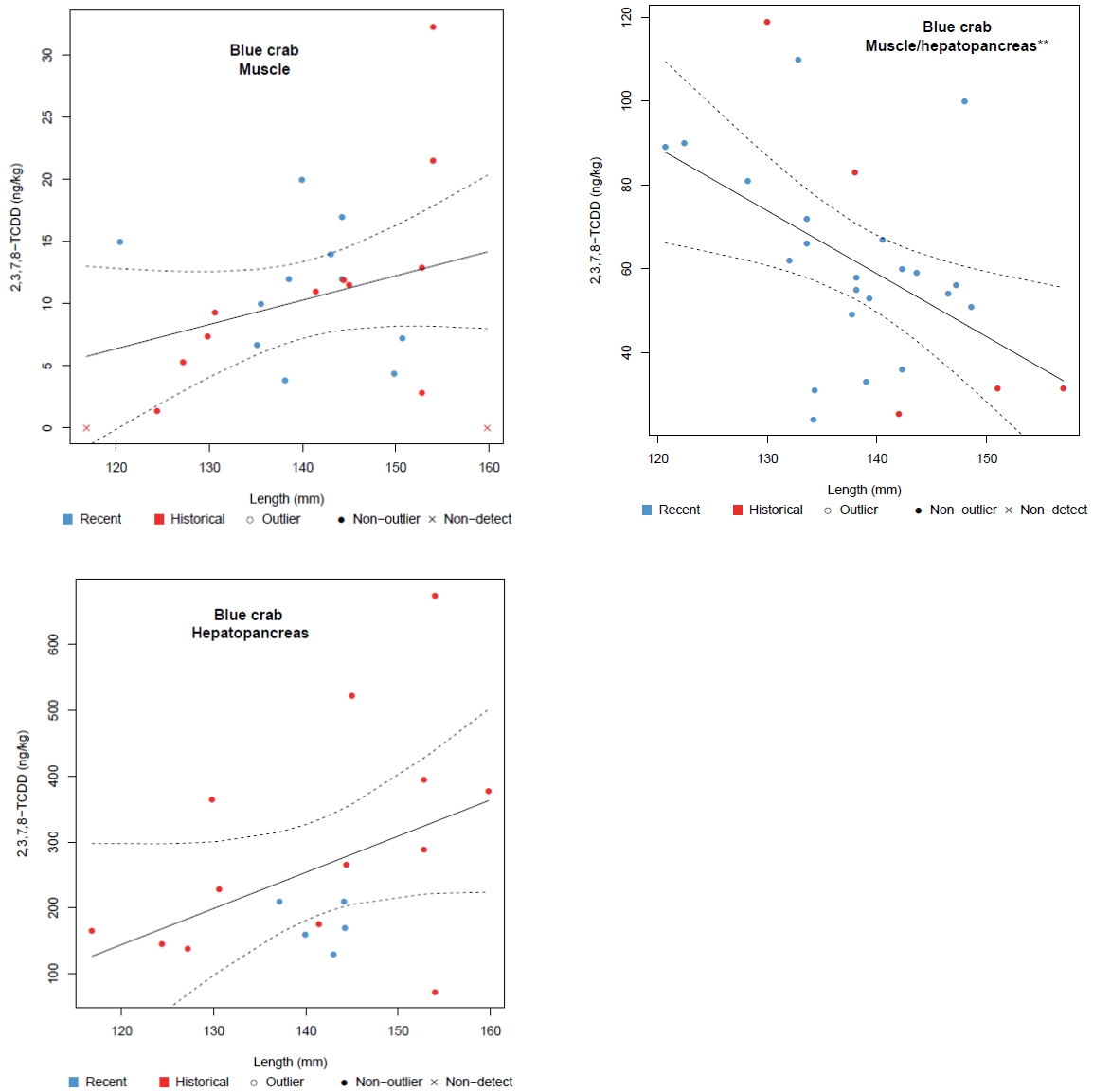
Note: Linear regression (with outliers included) and 95% confidence intervals are shown. Linear regression slope is significant for blue crab muscle/hepatopancreas.

Figure 3
American Eel, Carp, White Perch, and Mummichog Length and 2,3,7,8-TCDD Concentrations



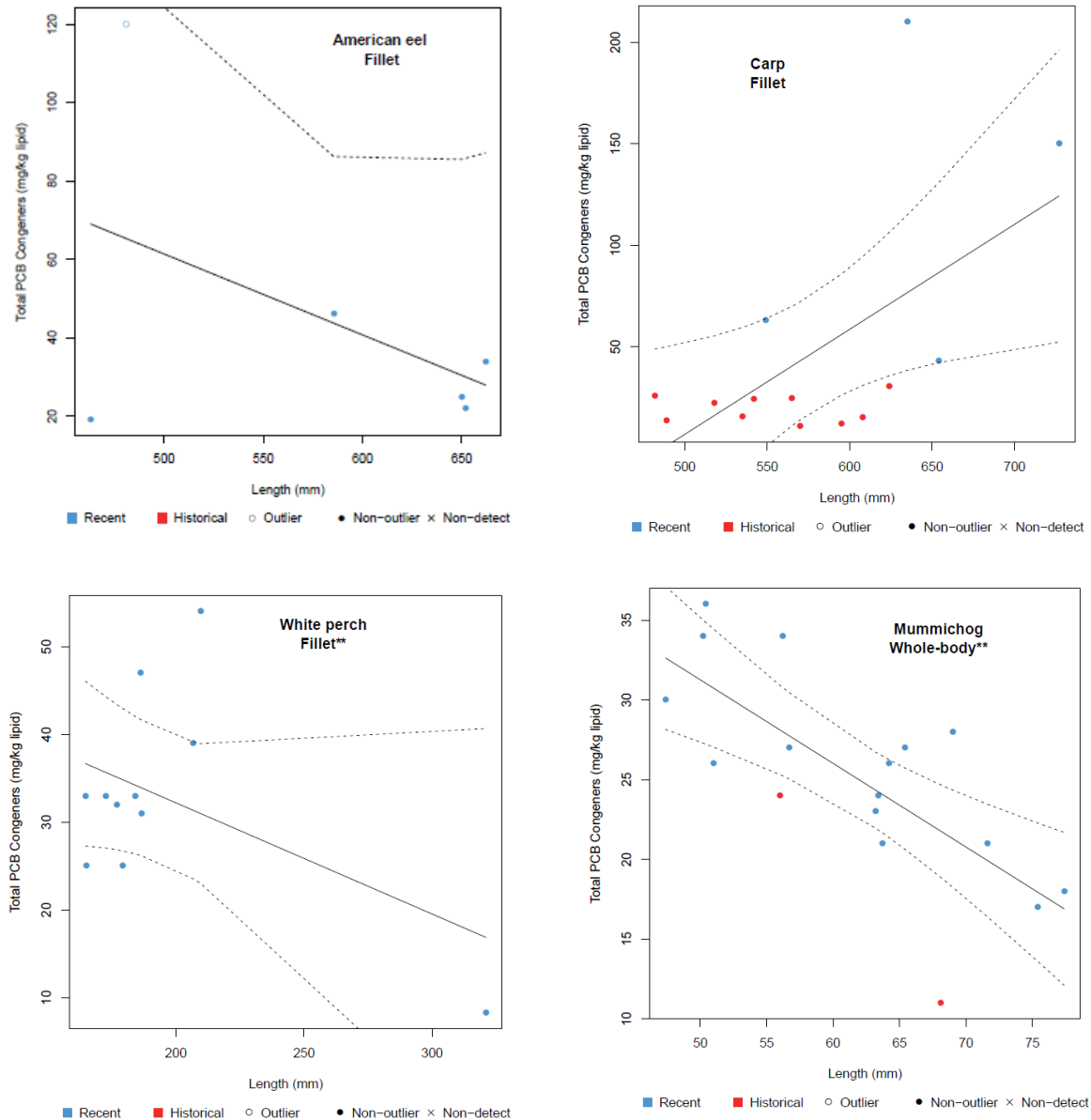
Note: Linear regression (with outliers included) and 95% confidence intervals are shown. Linear regression slope is significant for white perch and mummichog.

Figure 4
Blue Crab Length and 2,3,7,8-TCDD Concentrations



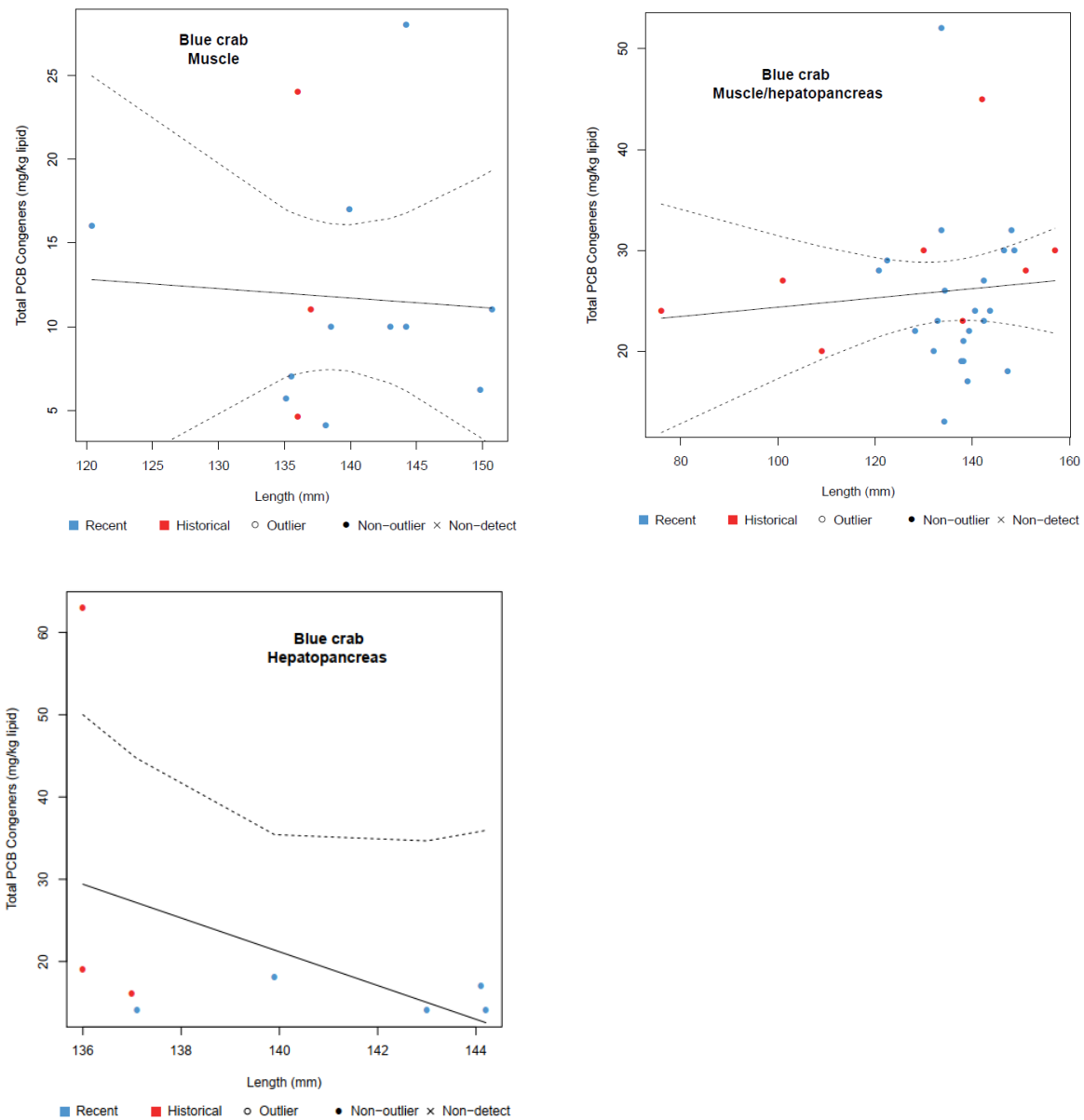
Note: Linear regression (with outliers included) and 95% confidence intervals are shown. Linear regression slope is significant for blue crab muscle/hepatopancreas.

Figure 5
American Eel, Carp, White Perch, and Mummichog Length and Lipid-Normalized Total PCB Concentrations



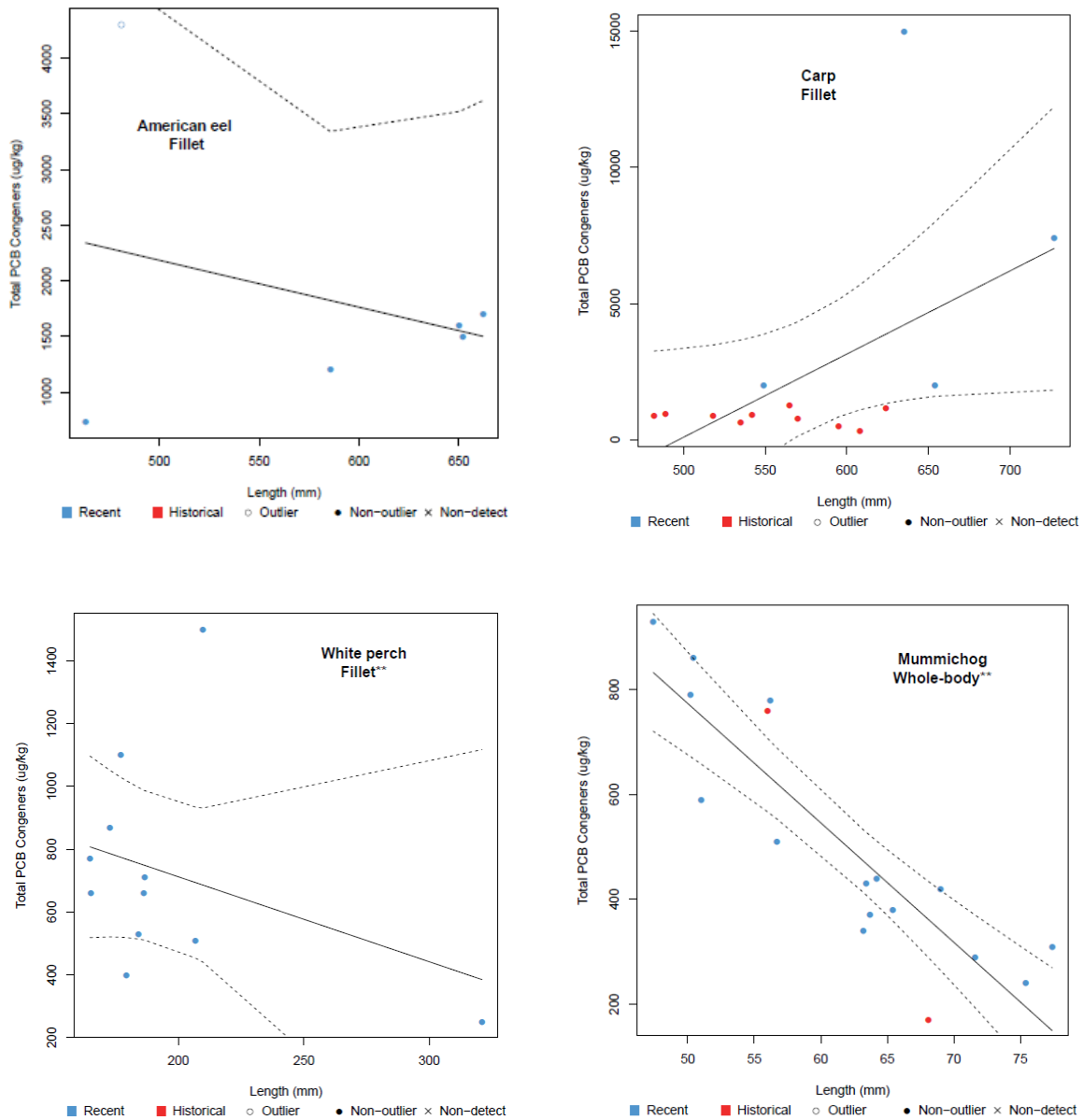
Note: Linear regression (with outliers included) and 95% confidence intervals are shown. Linear regression slope is significant for white perch and mummichog.

Figure 6
Blue Crab Length and Lipid-Normalized Total PCB Concentrations



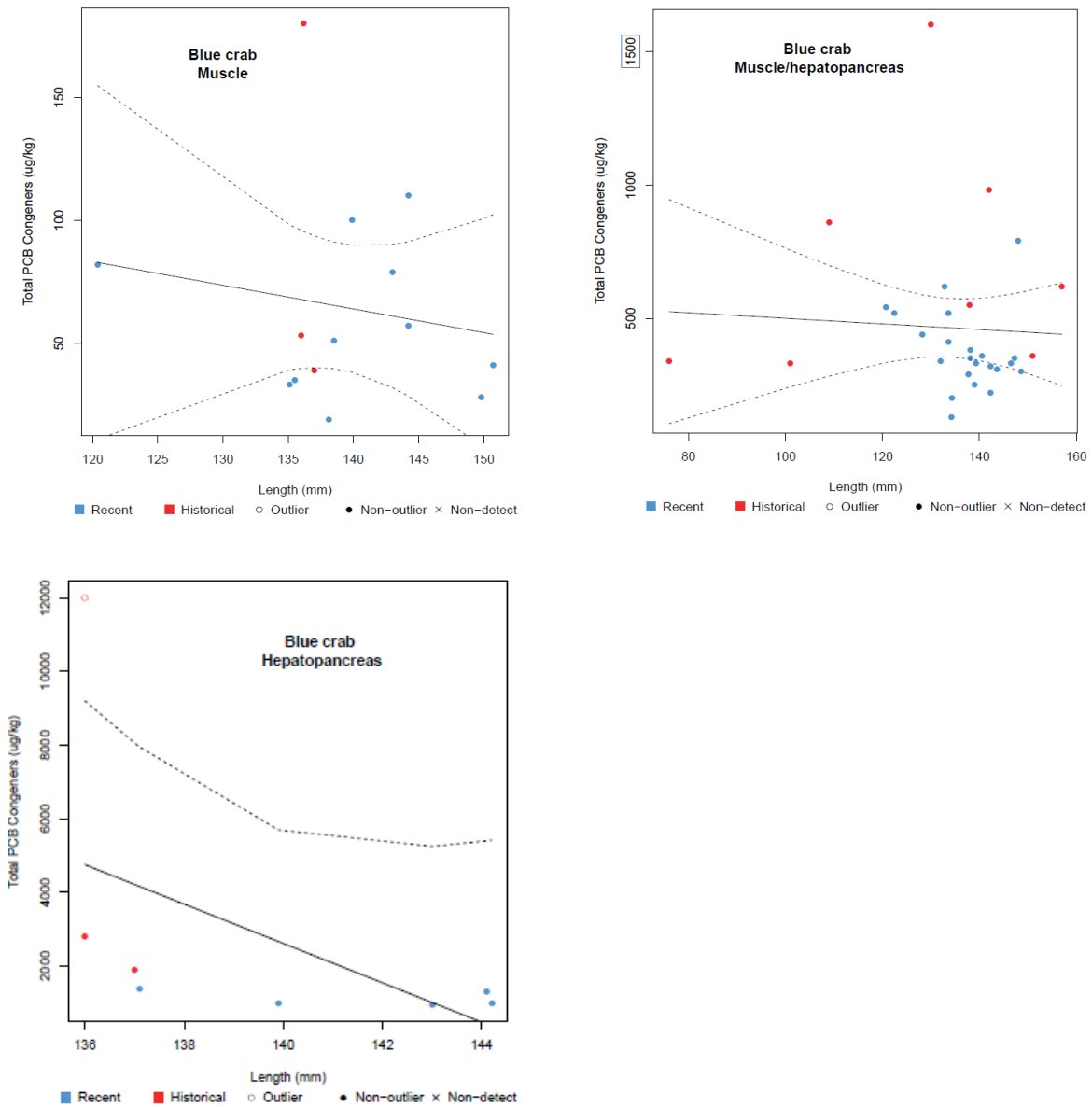
Note: Linear regression (with outliers included) and 95% confidence intervals are shown.

Figure 7
American Eel, Carp, White Perch, and Mummichog Length and Total PCB Concentrations



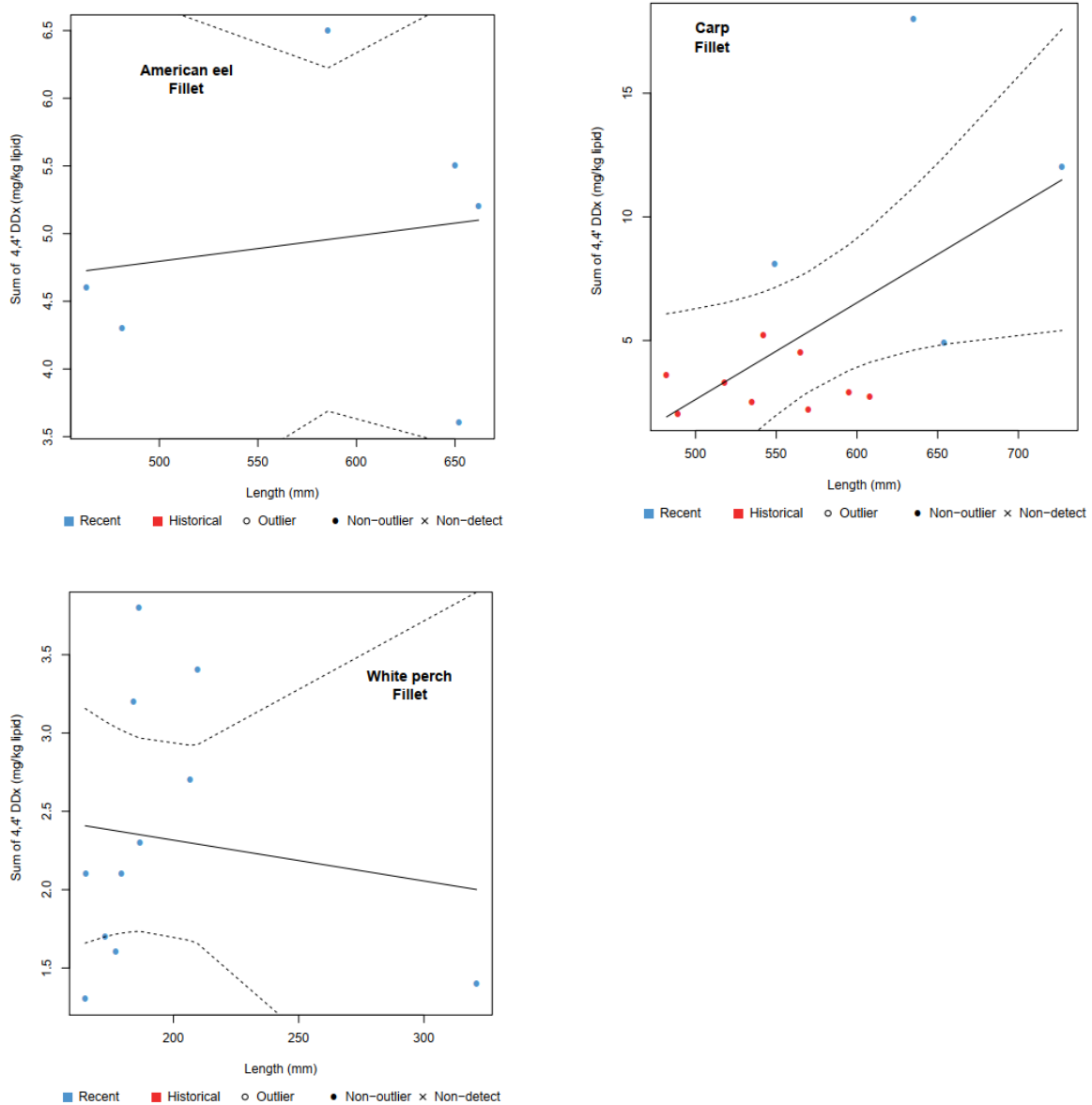
Note: Linear regression (with outliers included) and 95% confidence intervals are shown. Linear regression slope is significant for white perch and mummichog

Figure 8
Blue Crab Length and Total PCB Concentrations



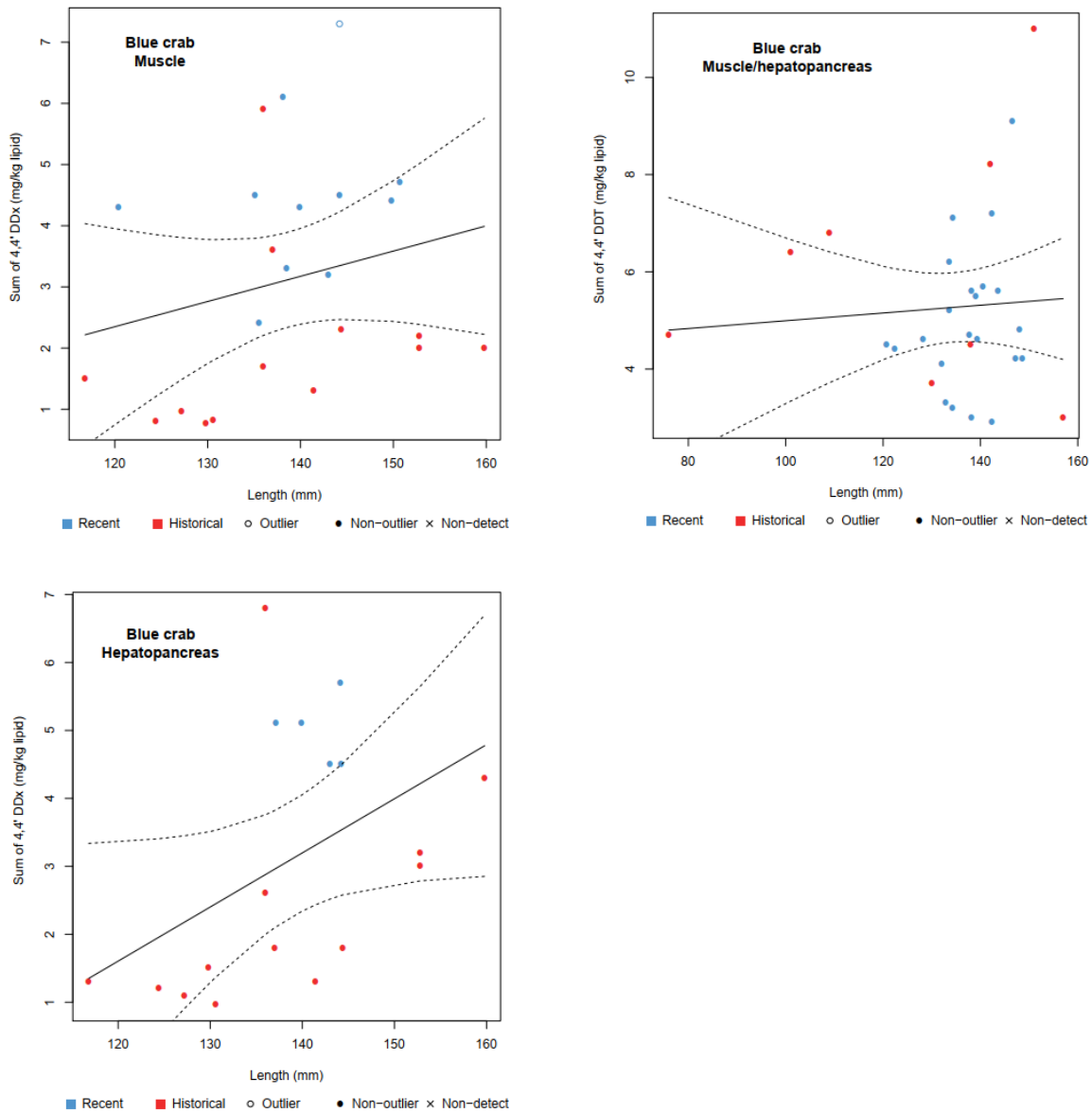
Note: Linear regression (with outliers included) and 95% confidence intervals are shown.

Figure 9
American Eel, Carp, White Perch, and Mummichog Length and Lipid-Normalized Sum of 4,4'-DDx Concentrations



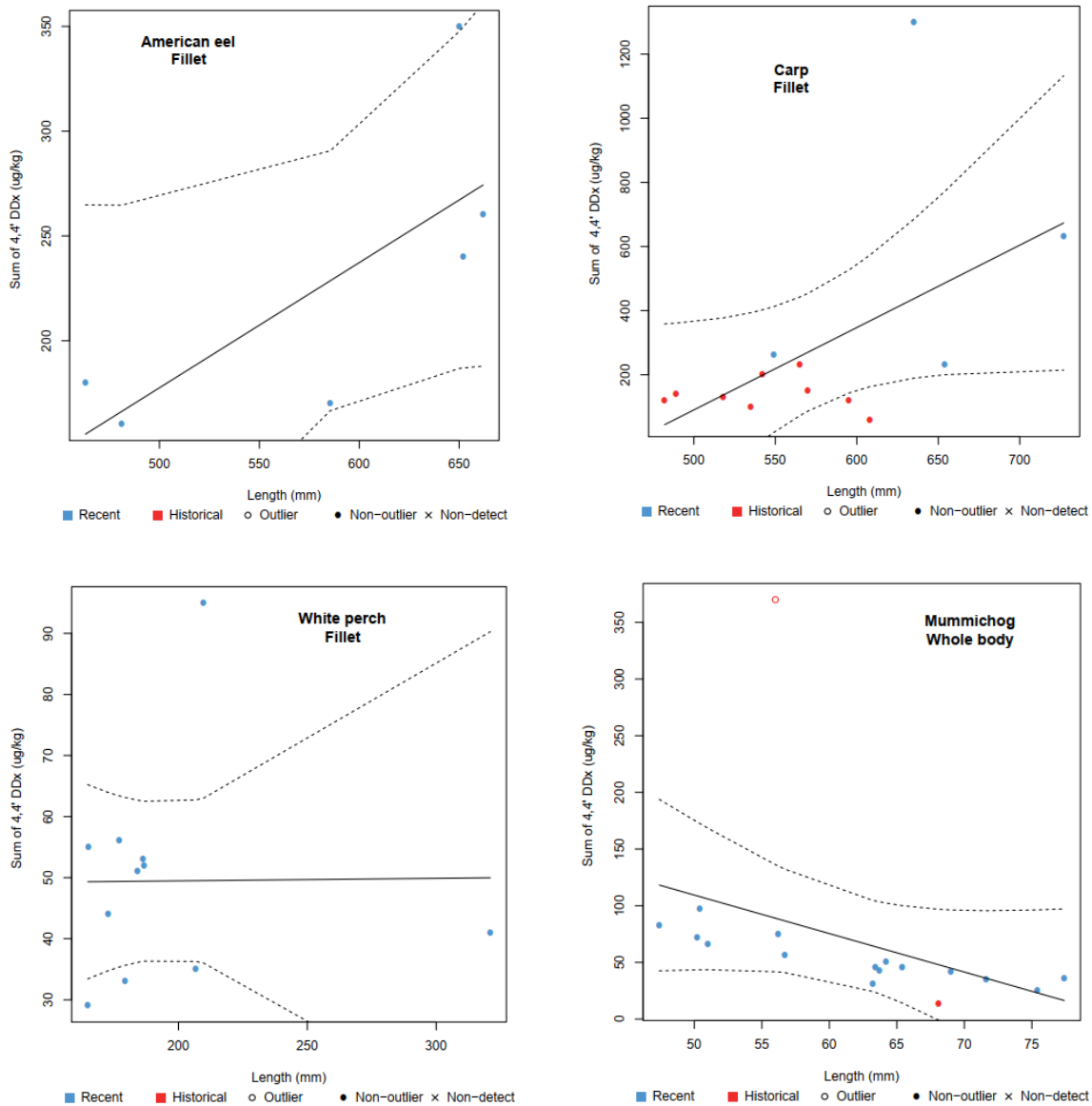
Note: Linear regression (with outliers included) and 95% confidence intervals are shown.

Figure 10
Blue Crab Length and Lipid-Normalized Sum of 4,4'-DDx Concentrations



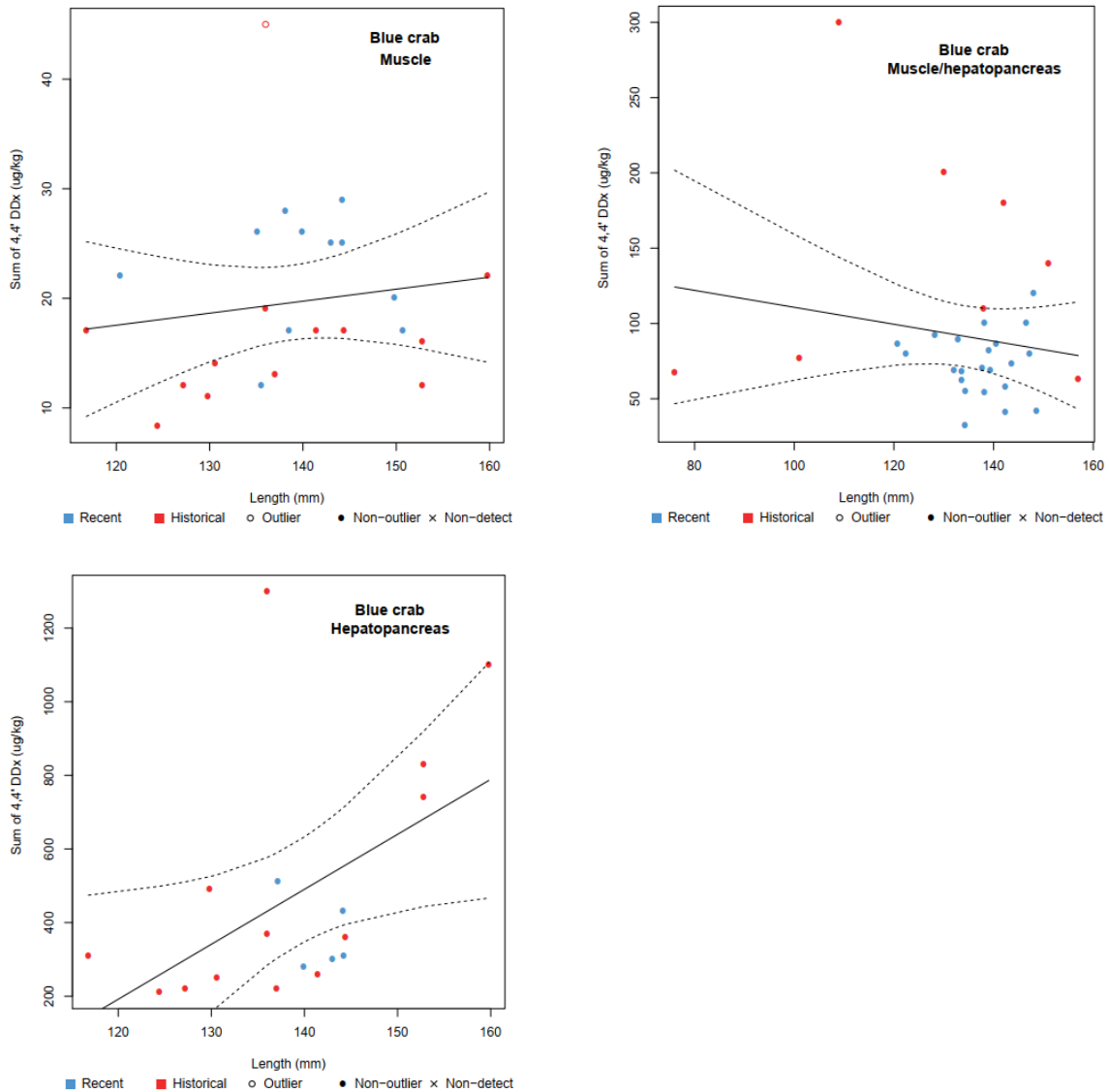
Note: Linear regression (with outliers included) and 95% confidence intervals are shown.

Figure 11
American Eel, Carp, White Perch, and Mummichog Length and Sum of 4,4'-DDx Concentrations



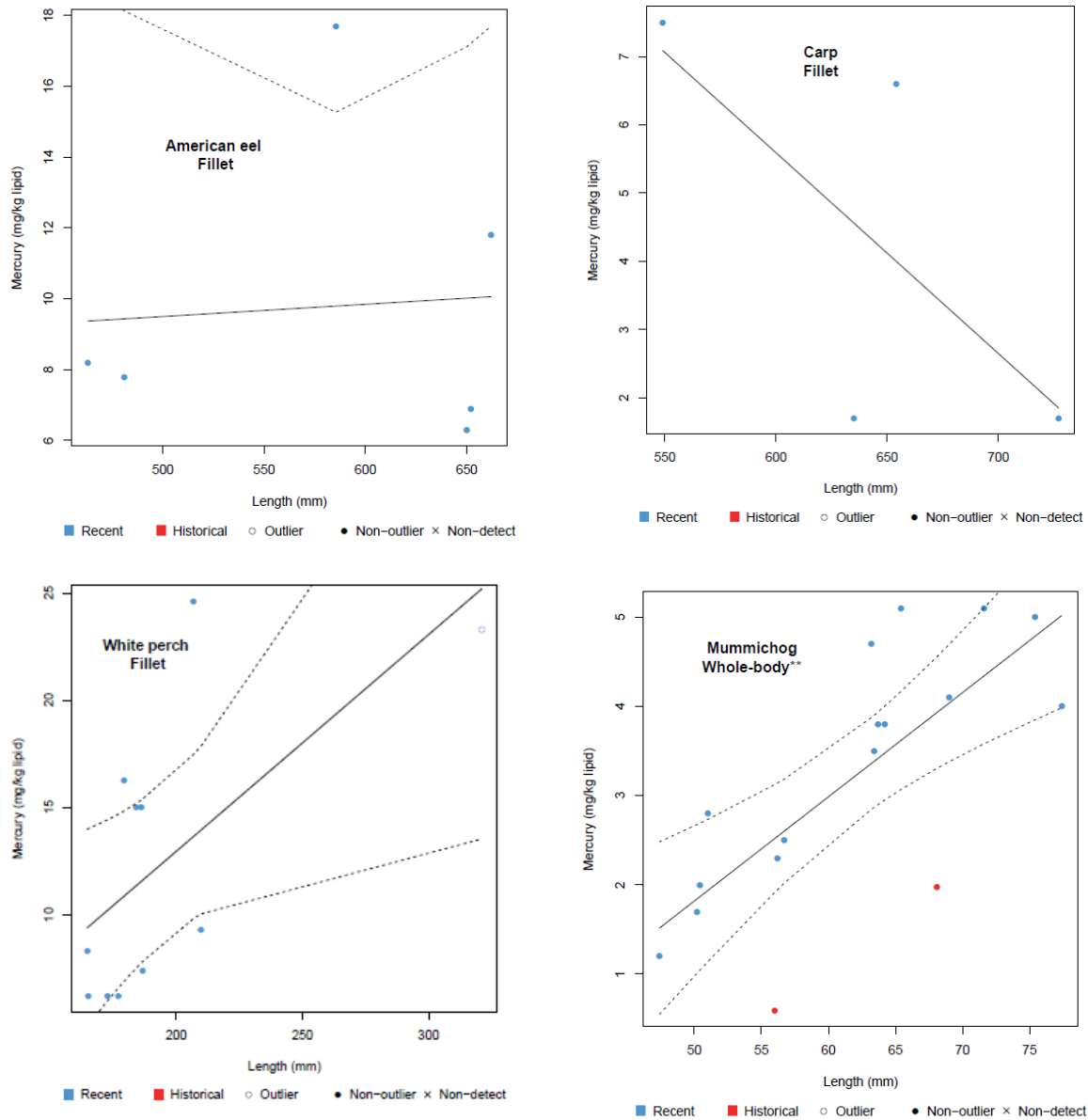
Note: Linear regression (with outliers included) and 95% confidence intervals are shown.

Figure 12
Blue Crab Length and Sum of 4,4'-DDx Concentrations



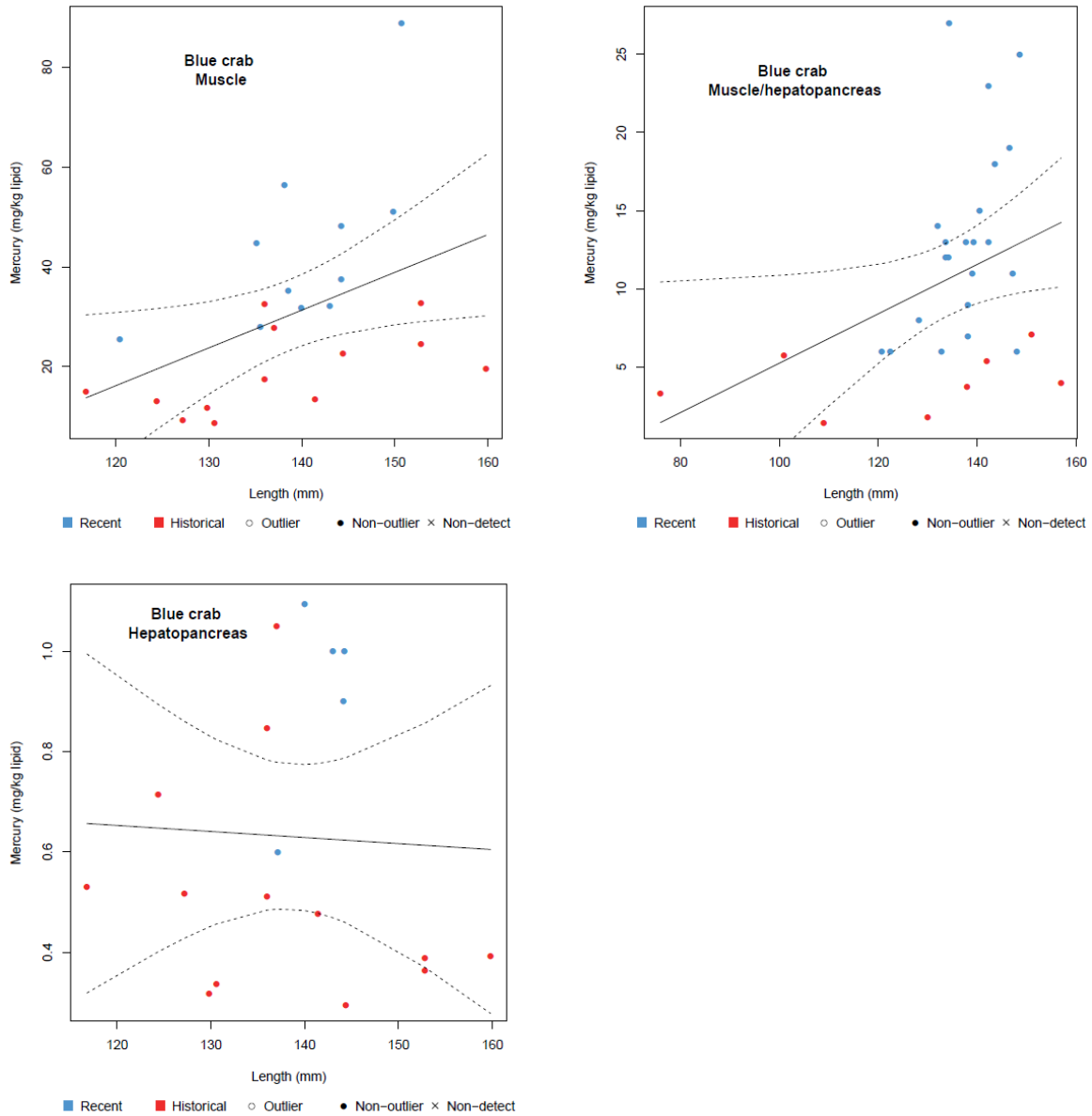
Note: Linear regression (with outliers included) and 95% confidence intervals are shown.

Figure 13
American Eel, Carp, White Perch, and Mummichog Length and Lipid-Normalized Mercury Concentrations



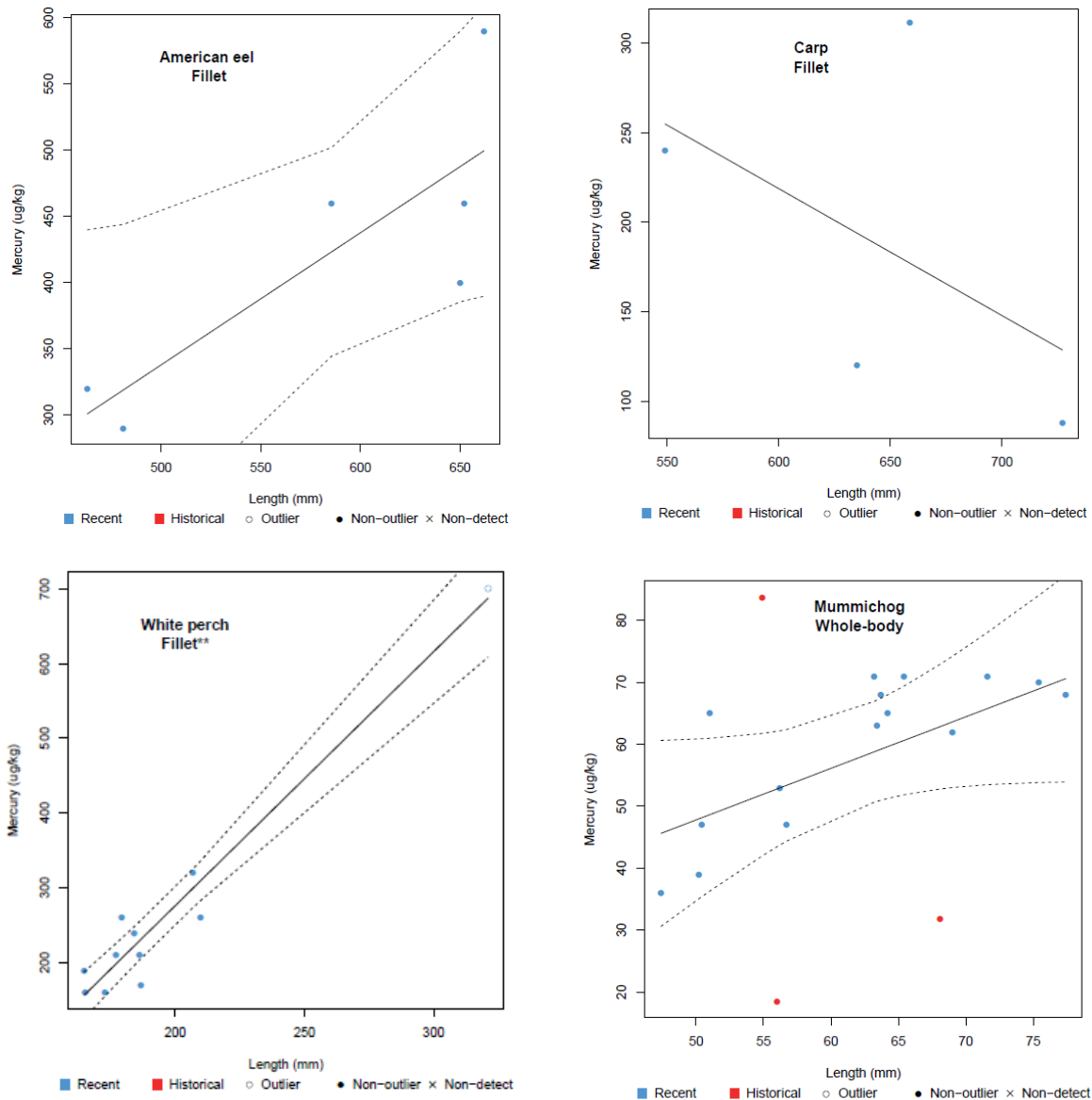
Note: Linear regression (with outliers included) and 95% confidence intervals are shown. Linear regression slope is significant for mummichog.

Figure 14
Blue Crab Length and Lipid-Normalized Mercury Concentrations



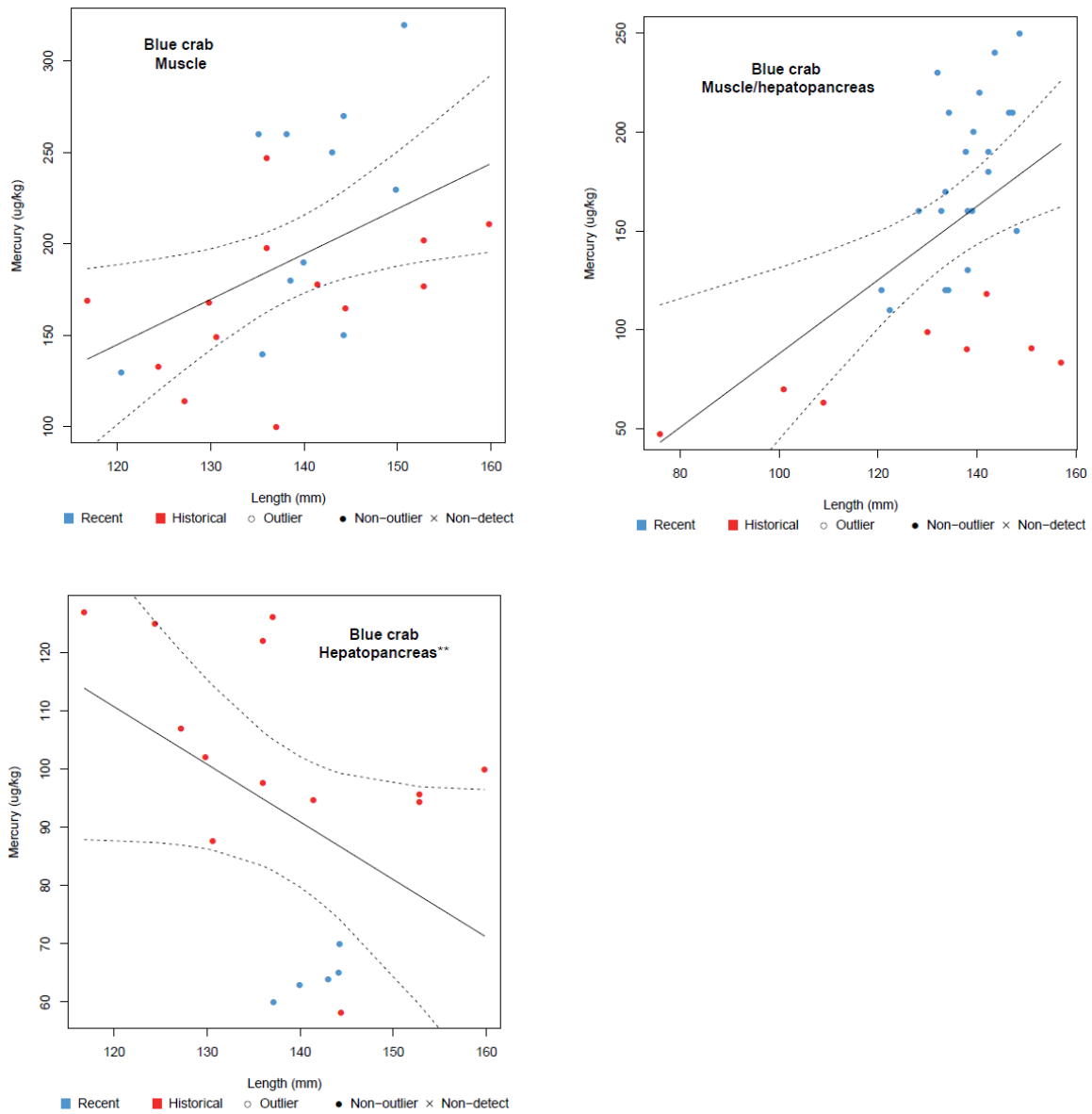
Note: Linear regression (with outliers included) and 95% confidence intervals are shown.

Figure 15
American Eel, Carp, White Perch, and Mummichog Length and Mercury Concentrations



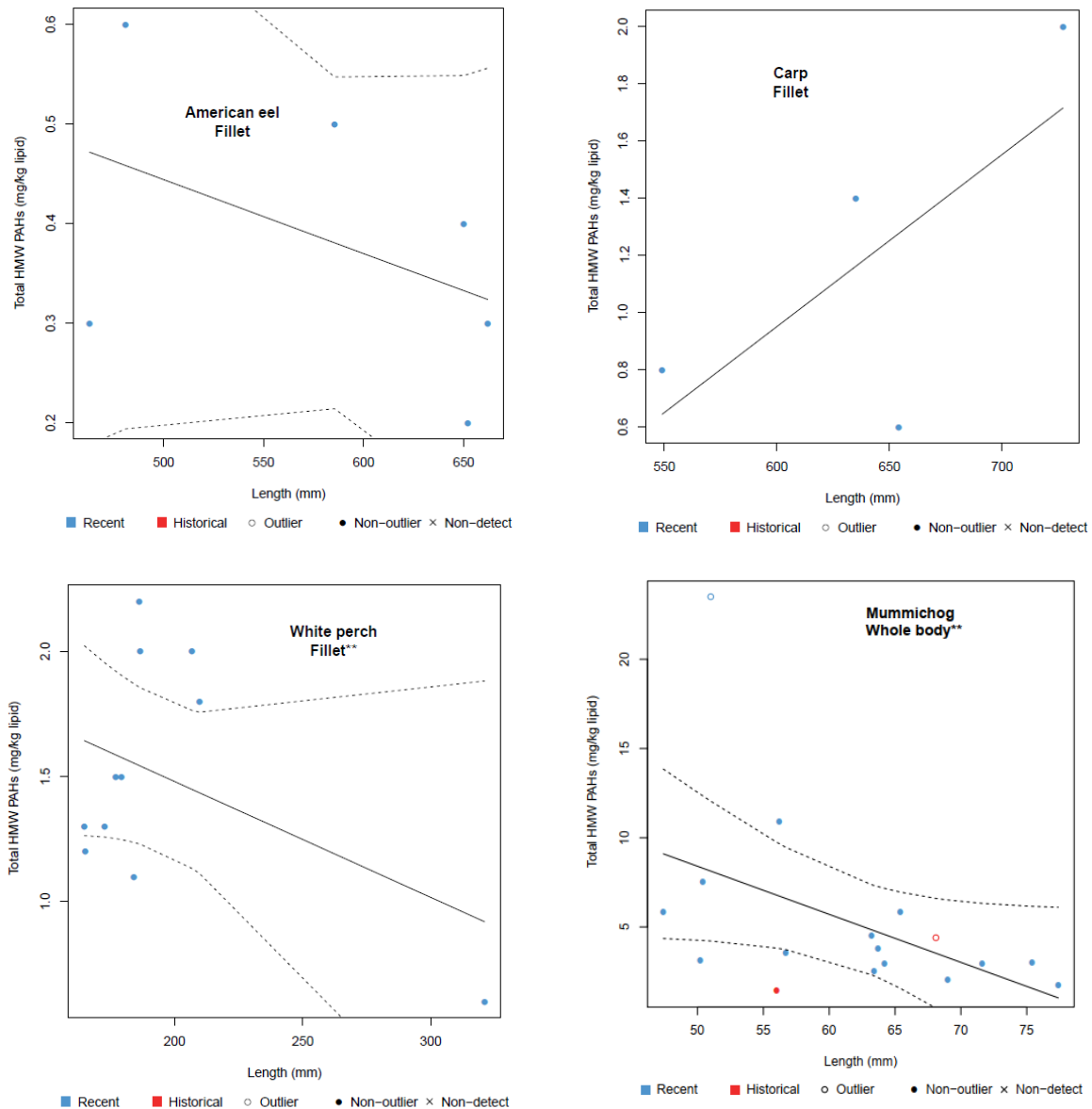
Note: Linear regression (with outliers included) and 95% confidence intervals are shown. Linear regression slope is significant for white perch.

Figure 16
Blue Crab Length and Mercury Concentrations



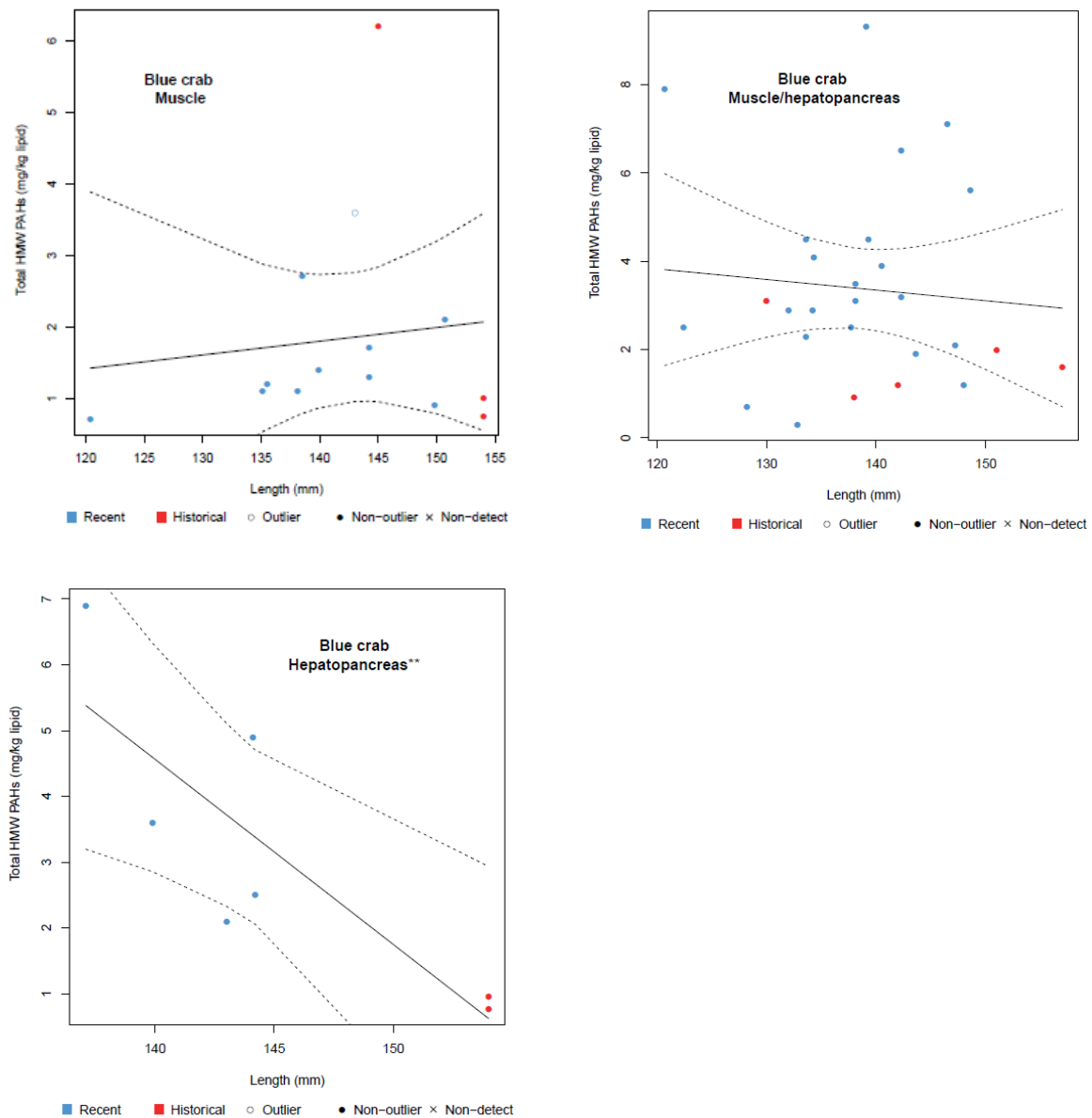
Note: Linear regression (with outliers included) and 95% confidence intervals are shown. Linear regression slope is significant for blue crab hepatopancreas.

Figure 17
American Eel, Carp, White Perch, and Mummichog Length and Lipid-Normalized Total HMW PAH Concentrations



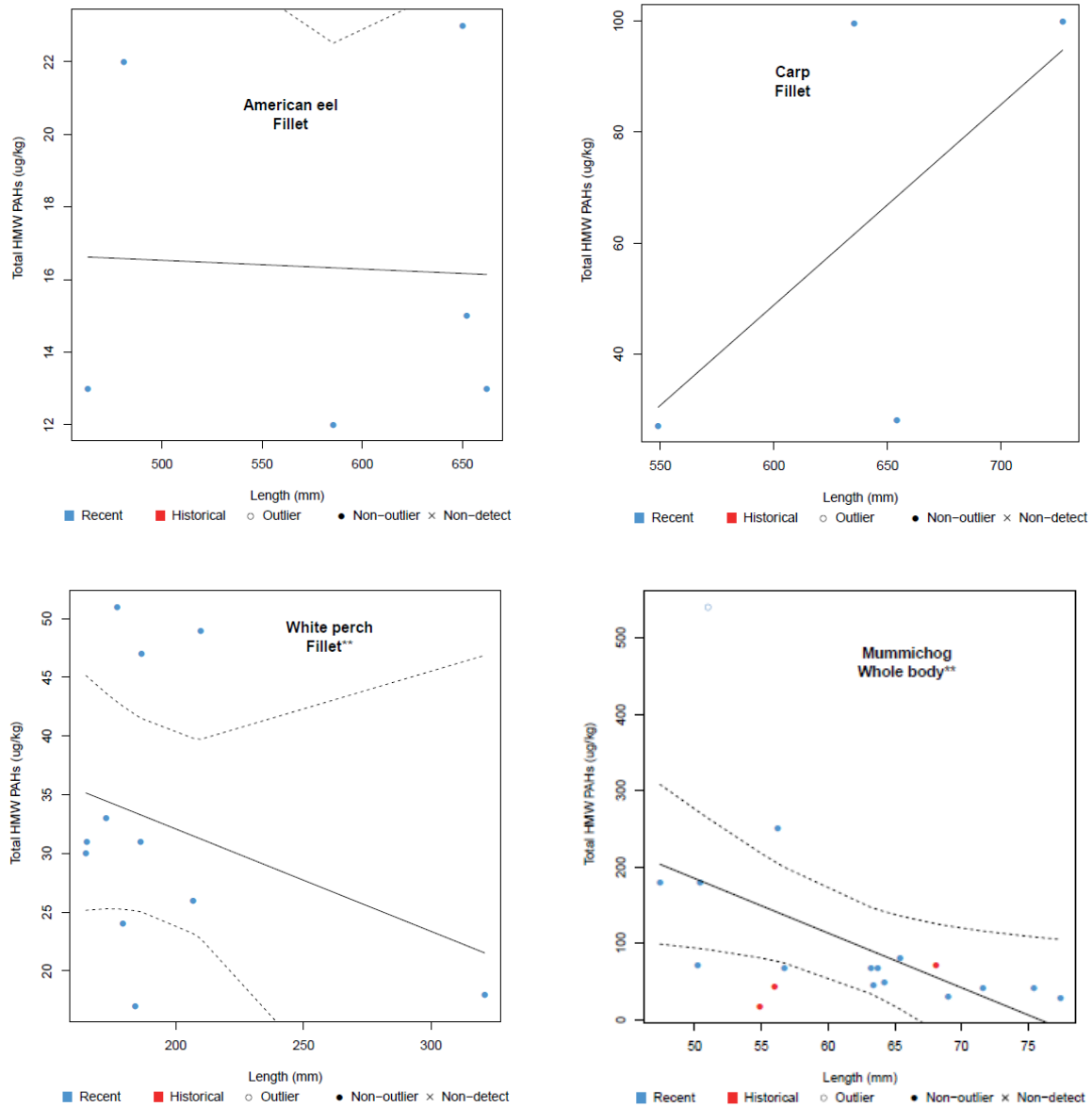
Note: Linear regression (with outliers included) and 95% confidence intervals are shown. Linear regression slope is significant for white perch and mummichog.

Figure 18
Blue Crab Length and Lipid-Normalized Total HMW PAH Concentrations



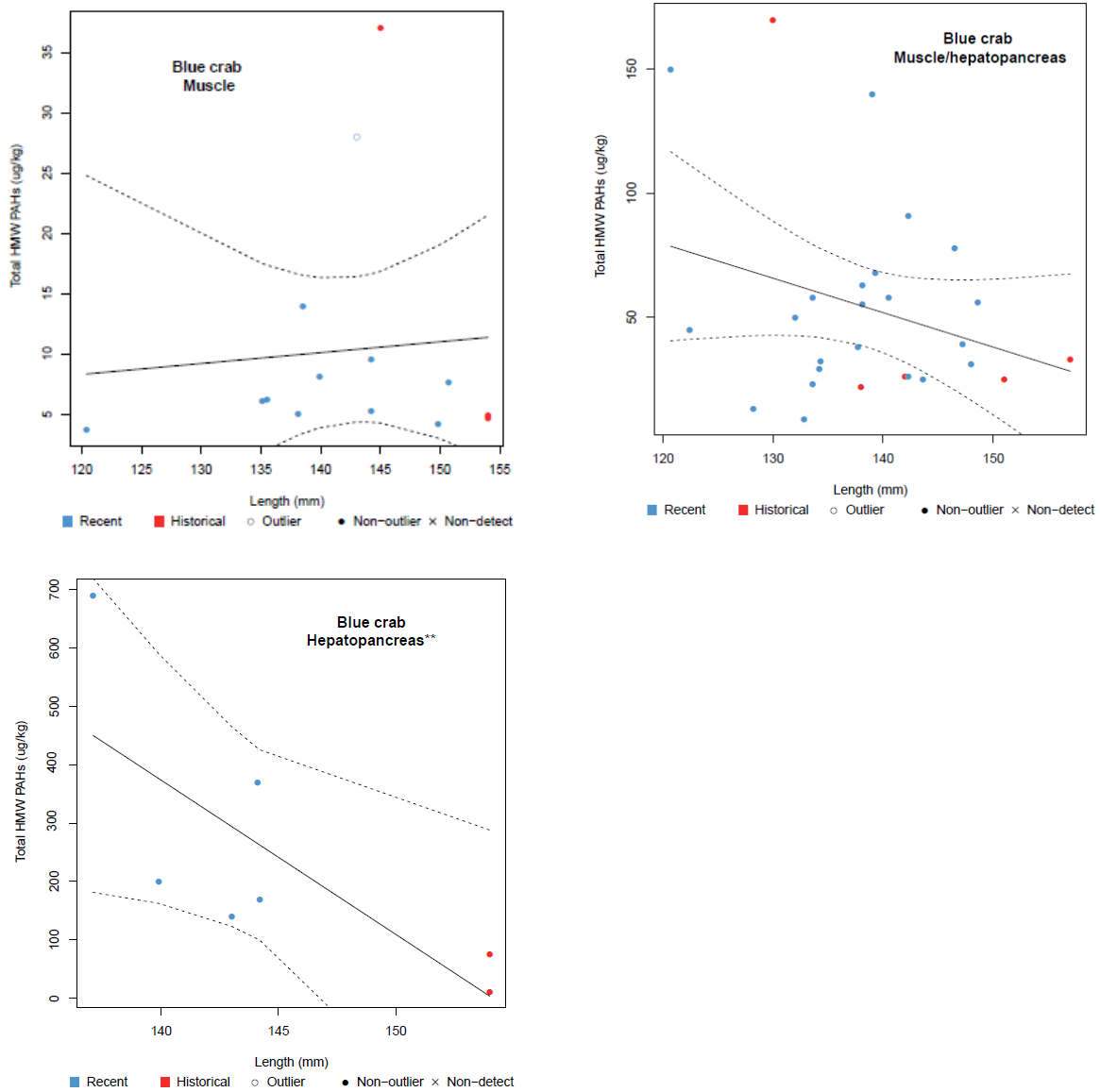
Note: Linear regression (with outliers included) and 95% confidence intervals are shown. Linear regression slope is significant blue crab hepatopancreas.

Figure 19
American Eel, Carp, White Perch, and Mummichog Length and Total HMW PAH Concentrations



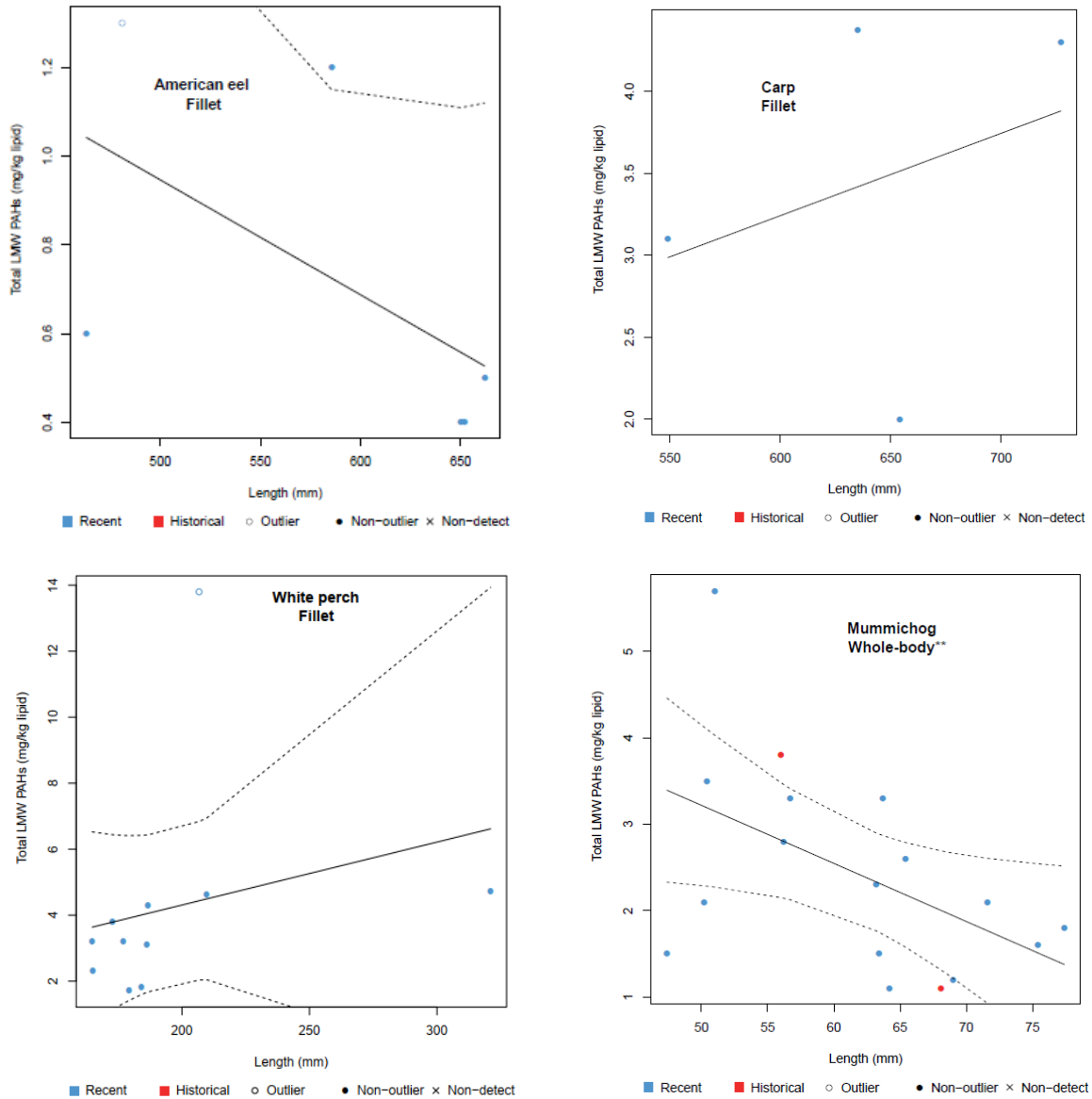
Note: Linear regression (with outliers included) and 95% confidence intervals are shown. Linear regression slope is significant for white perch and mummichog.

Figure 20
Blue Crab Length and Total HMW PAH Concentrations



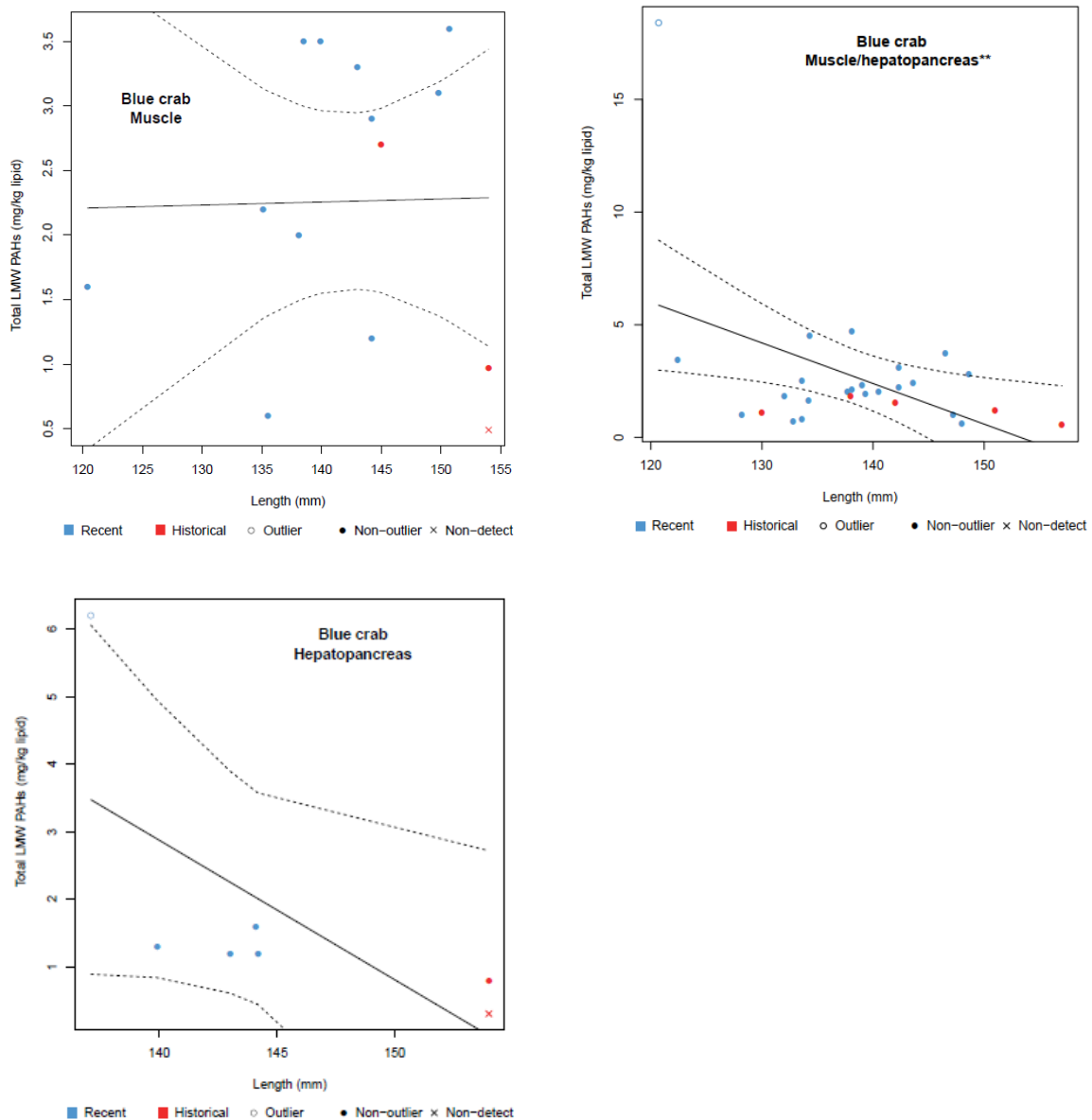
Note: Linear regression (with outliers included) and 95% confidence intervals are shown. Linear regression slope is significant for blue crab hepatopancreas.

Figure 21
American Eel, Carp, White Perch, and Mummichog Length and Lipid-Normalized Total LMW PAH Concentrations



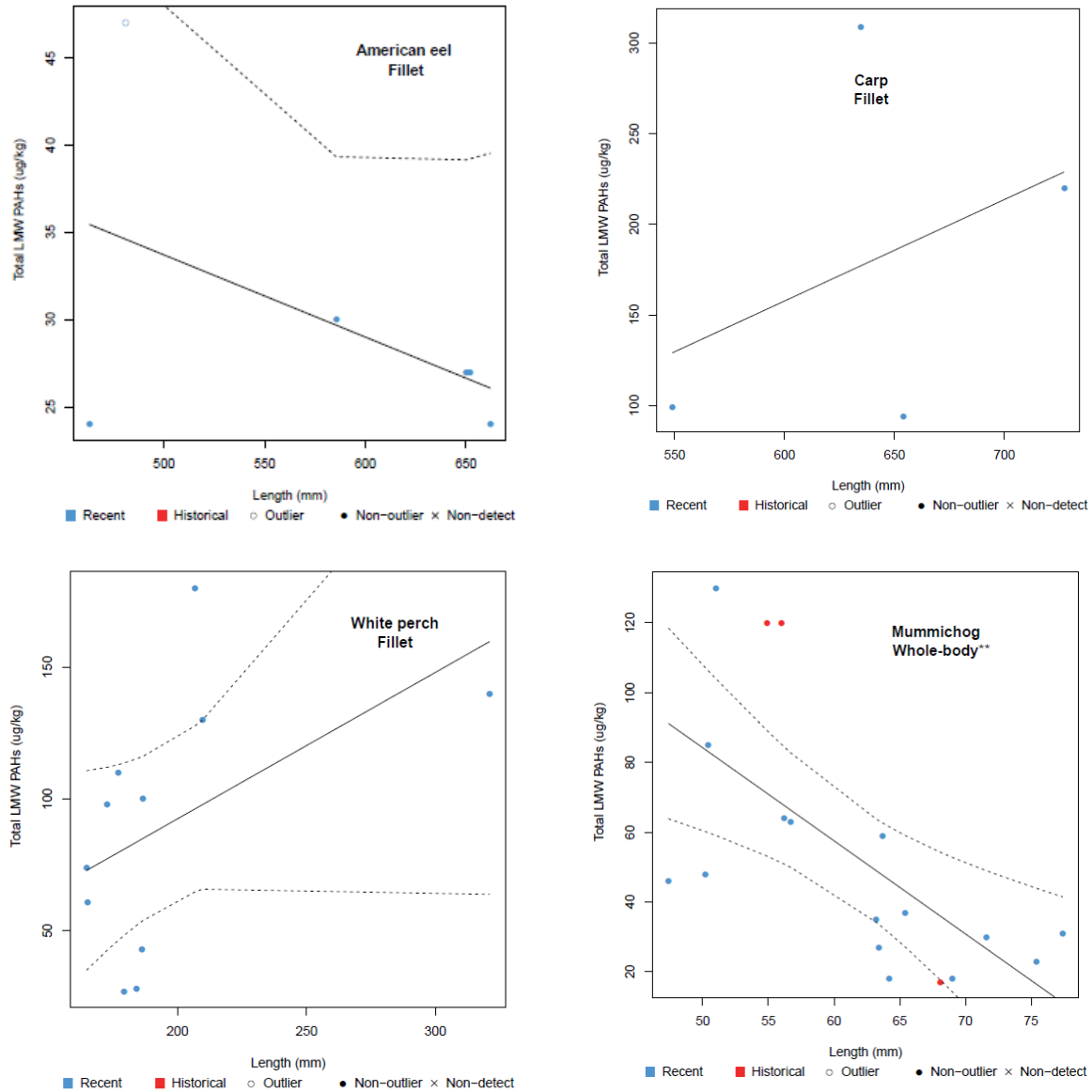
Note: Linear regression (with outliers included) and 95% confidence intervals are shown. Linear regression slope is significant for mummichog.

Figure 22
Blue Crab Length and Lipid-Normalized Total LMW PAH Concentrations



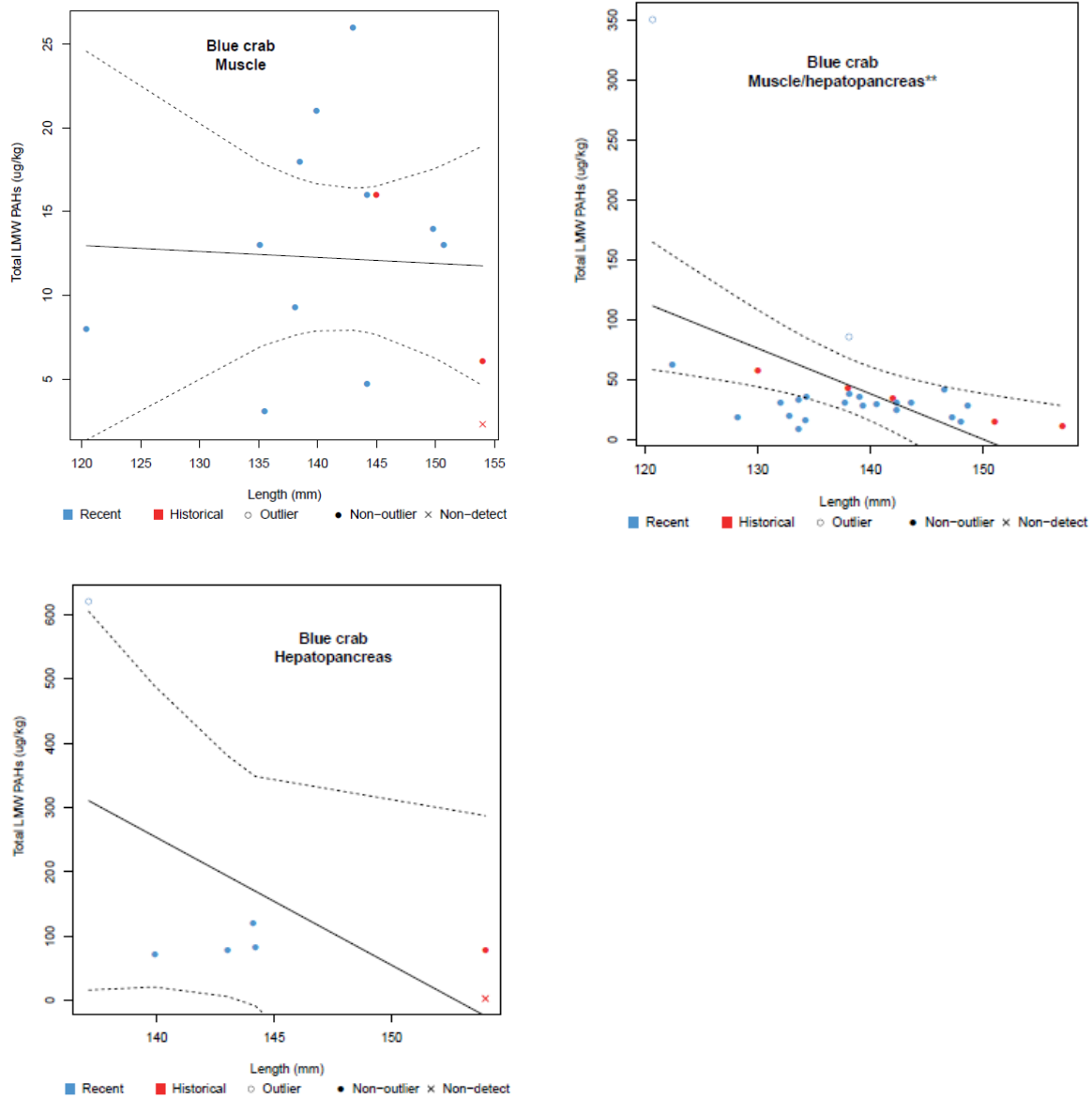
Note: Linear regression (with outliers included) and 95% confidence intervals are shown. Linear regression slope is significant for blue crab muscle/hepatopancreas.

Figure 23
American Eel, Carp, White Perch, and Mummichog Length and Total LMW PAH Concentrations



Note: Linear regression (with outliers included) and 95% confidence intervals are shown. Linear regression slope is significant for mummichog.

Figure 24
Blue Crab Length and Total LMW PAH Concentrations



Note: Linear regression (with outliers included) and 95% confidence intervals are shown. Linear regression slope is significant for blue crab muscle/hepatopancreas.