

Supplementary Material

Lowland tapir exposure to pesticides and metals in the Brazilian Cerrado

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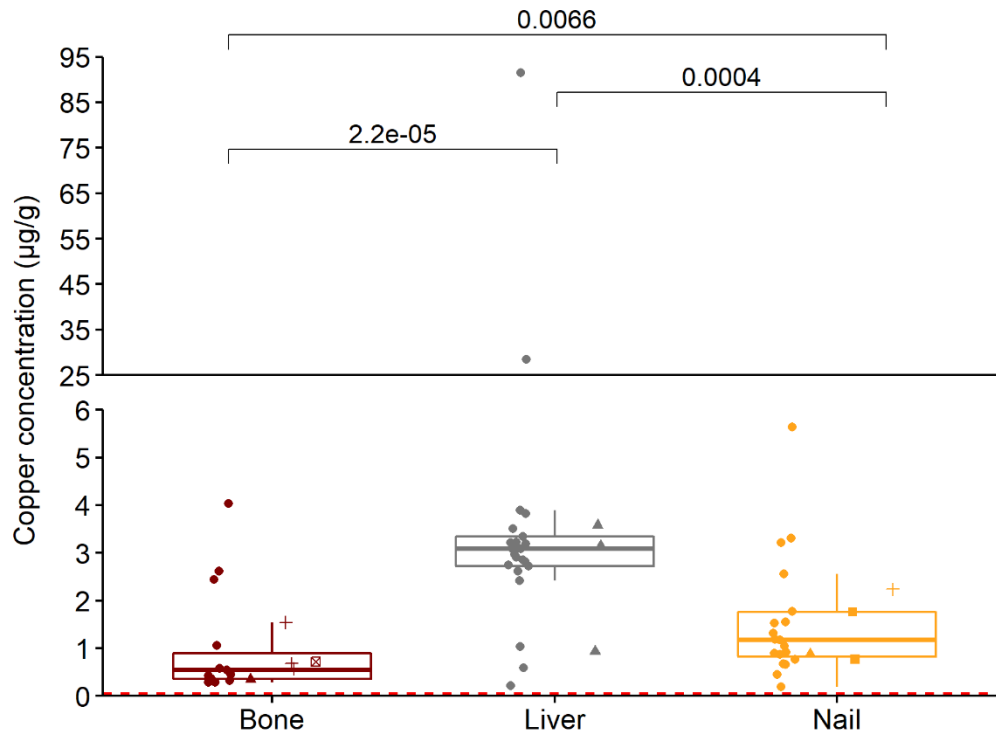


Figure S1. Median (wide band) copper Cu concentrations in bone ($n = 21/21$), liver ($n = 25/25$), and nail ($n = 23/23$) tissue, in $\mu\text{g/g}$ wet weight (ww), collected from roadkill carcasses of wild lowland tapirs (*Tapirus terrestris*) in the Cerrado biome, Mato Grosso do Sul State, Brazil (2015–2017). Boxes represent quartiles and whiskers are $1.5\times$ interquartile range. For copper Cu liver \gg nail \gg bone. Numbers are pairwise comparisons p-values of Kruskal-Wallis test. Symbols indicate state of decomposition: ● Fresh ▲ Initial decomposition ■ Advanced decomposition + Old ☒ Very Old. The red dashed line indicates the limit of detection (LoD) of $0.05 \mu\text{g/g}$ ww.

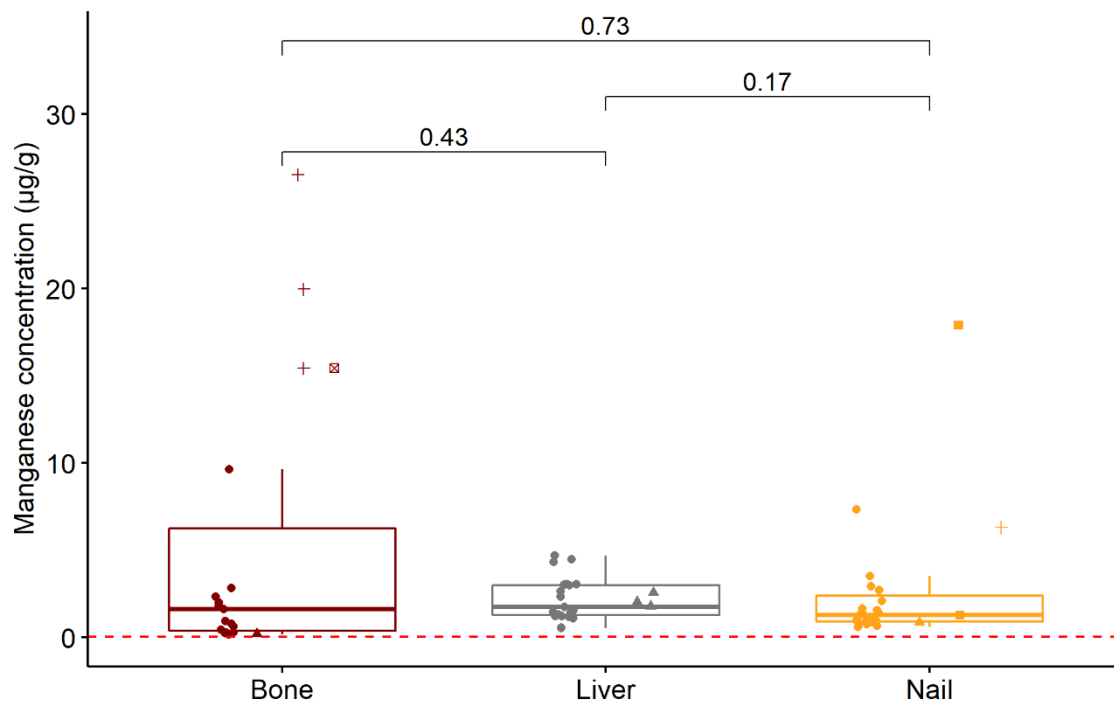


Figure S2. Median (wide band) manganese Mn concentrations in bone ($n = 21/21$), liver ($n = 25/25$), and nail ($n = 23/23$) tissue, in $\mu\text{g/g}$ wet weight (ww), collected from roadkill carcasses of wild lowland tapirs (*Tapirus terrestris*) in the Cerrado biome, Mato Grosso do Sul State, Brazil (2015–2017). Boxes represent quartiles and whiskers are $1.5\times$ interquartile range. For Mn, liver > bone > nail. Numbers are pairwise comparisons p-values of Kruskal-Wallis test. Symbols indicate state of decomposition: ● Fresh ▲ Initial decomposition ■ Advanced decomposition + Old ☒ Very Old. The red dashed line indicates the limit of detection (LoD) of $0.05 \mu\text{g/g}$ ww.

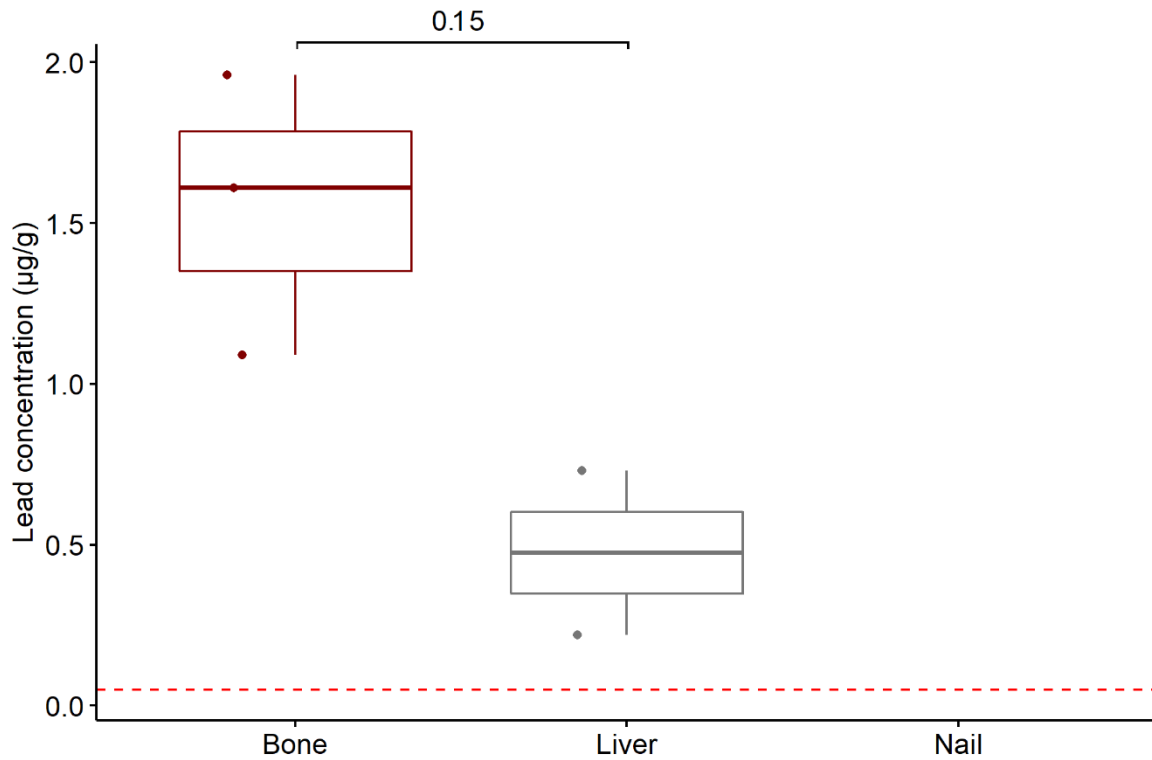


Figure S3. Median (wide band) lead Pb concentrations in bone ($n = 3/19$), liver ($n = 2/25$), and nail ($n = 0/23$) tissue, in $\mu\text{g/g}$ wet weight (ww), collected from fresh roadkill carcasses of wild lowland tapirs (*Tapirus terrestris*) in the Cerrado biome, Mato Grosso do Sul State, Brazil (2015–2017). Boxes represent quartiles and whiskers are $1.5\times$ interquartile range. The number is the pairwise comparison p-value of a Wilcoxon test. Symbols indicate state of decomposition: ● Fresh ▲ Initial decomposition ■ Advanced decomposition + Old ☒ Very Old. The red dashed line indicates the limit of detection (LoD) of $0.05 \mu\text{g/g}$ ww.

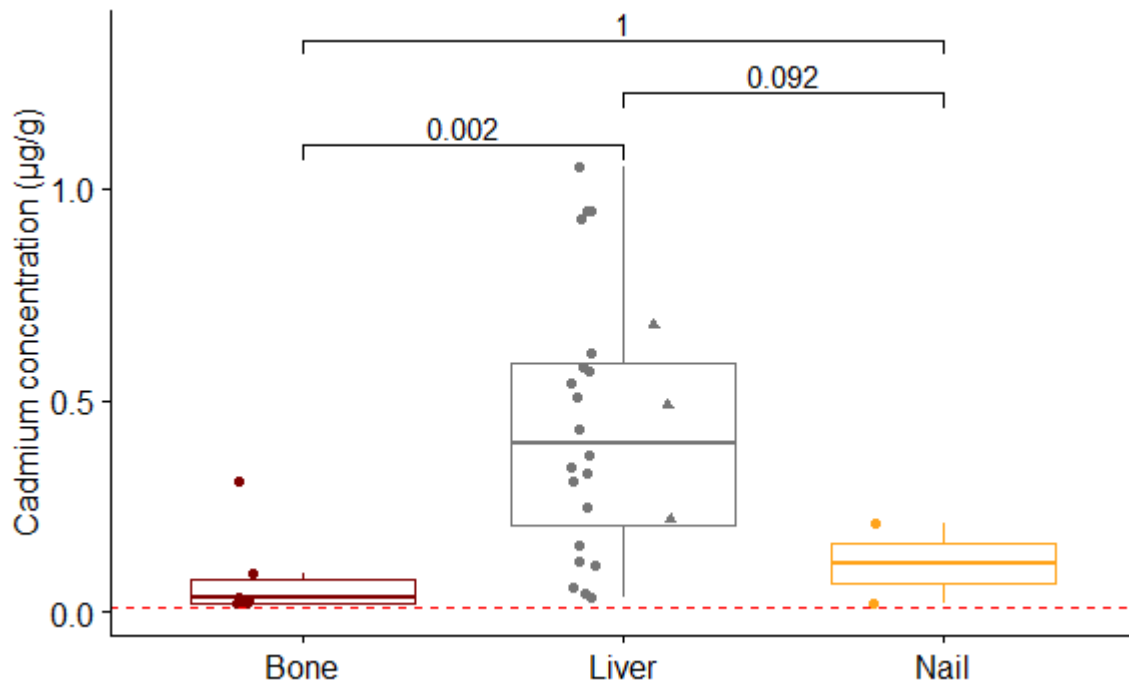


Figure S4. Median (wide band) cadmium Cd concentrations in bone ($n = 6/21$), liver ($n = 24/25$), and nail ($n = 2/23$) tissue, in $\mu\text{g/g}$ wet weight (ww), collected from roadkill carcasses of wild lowland tapirs (*Tapirus terrestris*) in the Cerrado biome, Mato Grosso do Sul State, Brazil (2015–2017). Boxes represent quartiles and whiskers are $1.5\times$ interquartile range. For cadmium Cd liver > nail >> bone. Numbers are pairwise comparisons p-values of Kruskal-Wallis test. Symbols indicate state of decomposition: ● Fresh ▲ Initial decomposition ■ Advanced decomposition + Old ☒ Very Old. The red dashed line indicates the limit of detection (LoD) of $0.05 \mu\text{g/g}$ ww.