

Herbicides distribution in sediments of the Argentina Rolling pampas landscape

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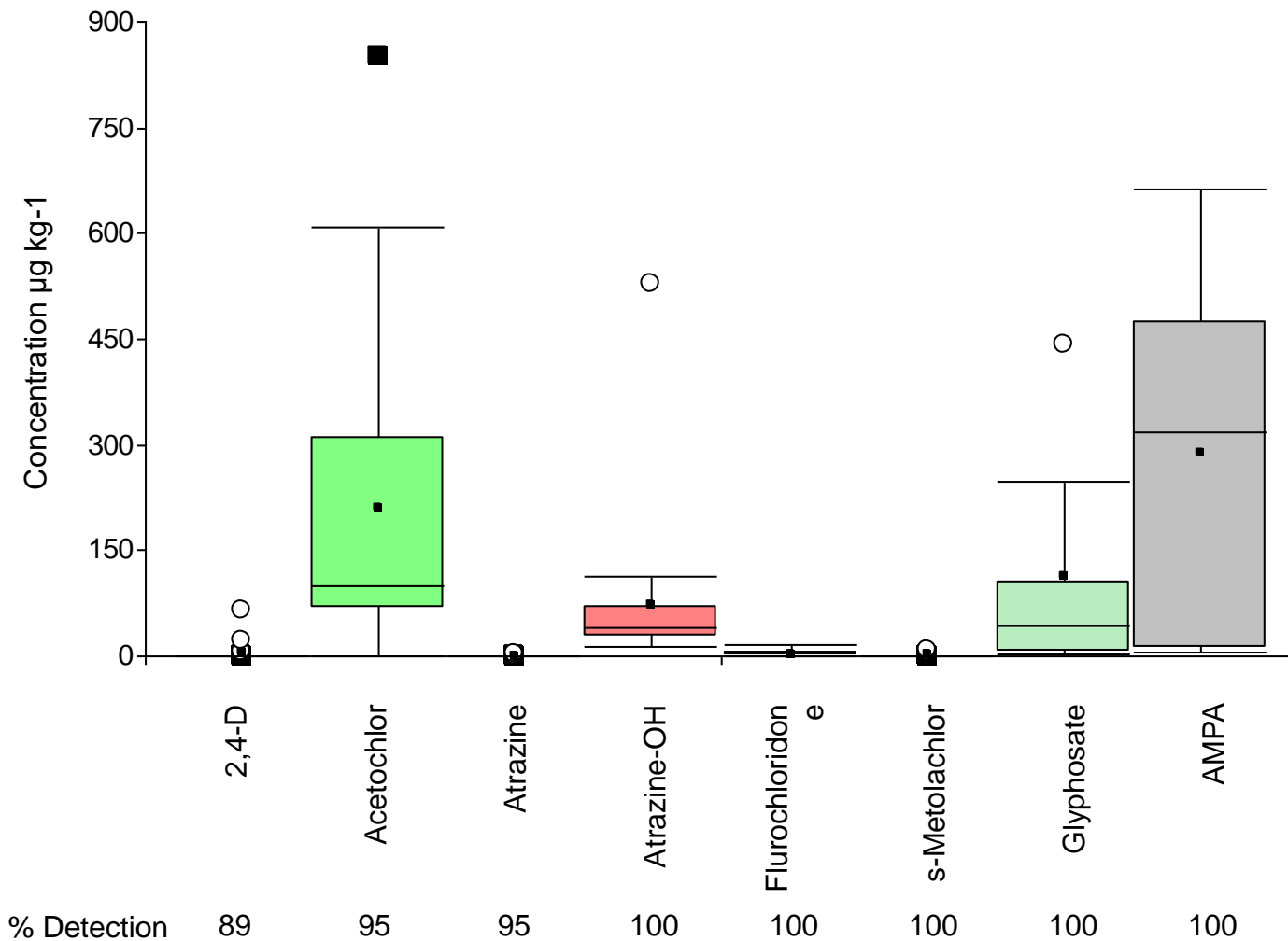
Variables measured in different positions landscape

| | | upland | mid slope | lowland |
|--------------------------------|-----------------------|----------|-----------|---------|
| Basic infiltration | mm h ⁻¹ | 18,28 b* | 17,13 b | 4,48 a |
| Runoff coefficient | % | 45,38 a | 48,61 a | 63,8 a |
| Slope | % | 0,08 a | 0,95 b | 0,58 b |
| Sediments | kg ha ⁻¹ | 81 a | 89 a | 120 a |
| Bulk density | g cm ⁻³ | 1,16 a | 1,17 a | 1,16 a |
| Clay | % | 20,39 b | 17,78 b | 7,58 a |
| Sand | % | 17,78 a | 19,03 a | 43,66 b |
| pH | | 6,3 a | 6,2 a | 8,6 b |
| Electrical conductivity | dS m ⁻¹ | 0,14 a | 0,14 a | 1,00 b |
| Soil organic carbon | g kg ⁻¹ | 19,55 a | 19,70 a | 27,04 a |
| Na | cmol kg ⁻¹ | 0,1 a | 0,3 b | 8,7 c |

* Different letters indicate differences between landscape positions (p <0.10)

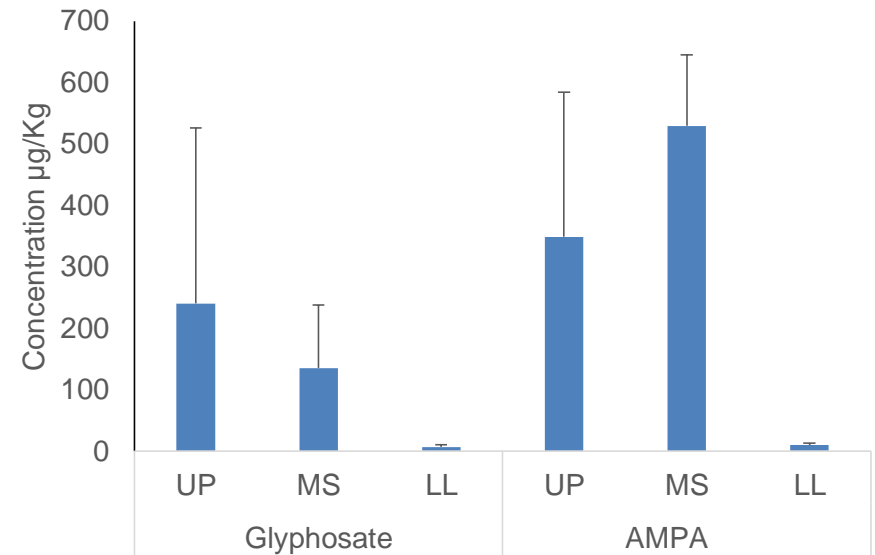
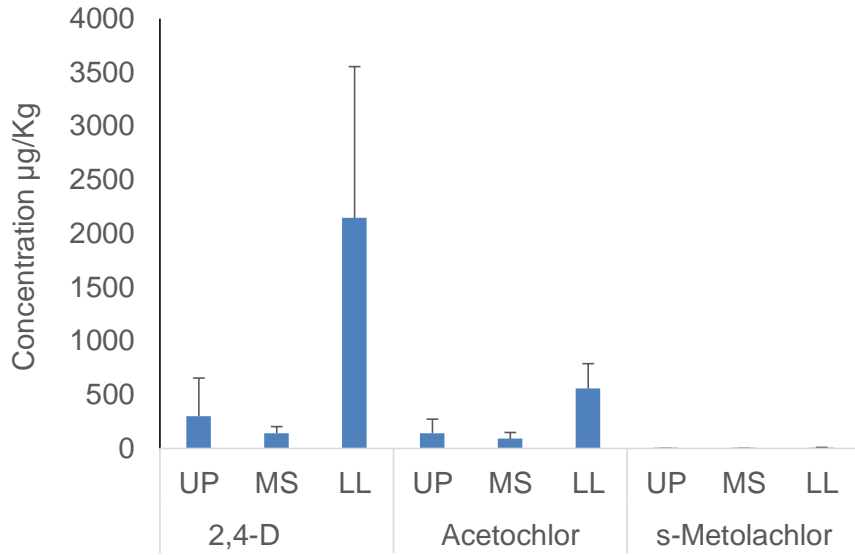
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Herbicide concentrations between landscape positions

* Different letters indicate differences between landscape positions ($p < 0.10$) UP: upland; MS: mid slope; LL: lowland

