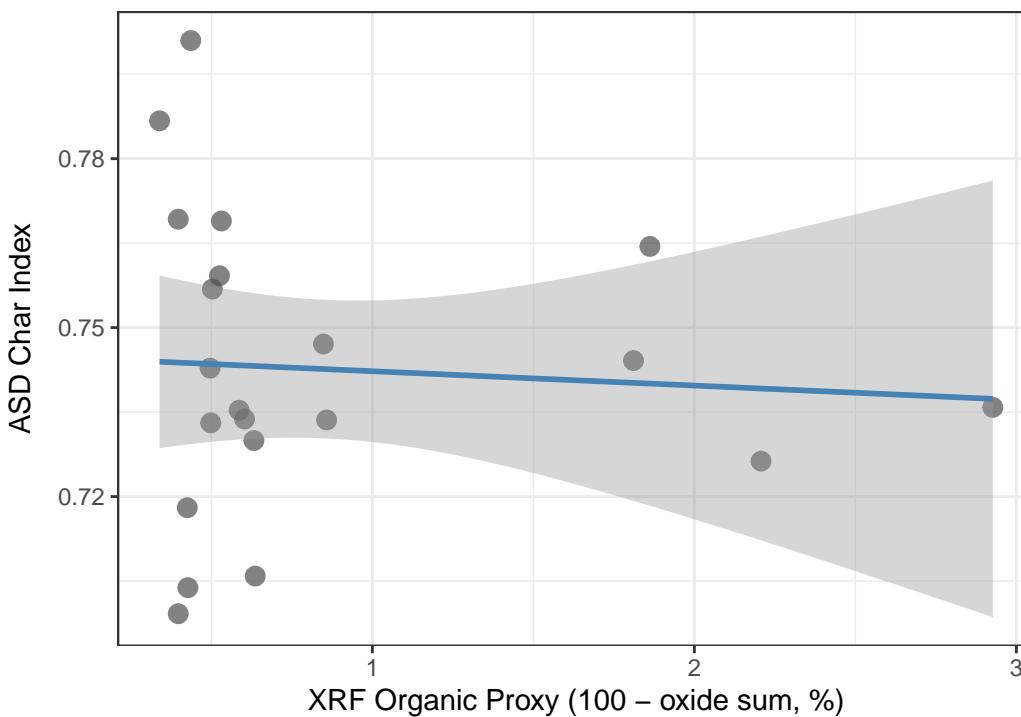


# Spectral-XRF Cross-Validation (PSQ-3)

Validating spectral proxies against XRF composition

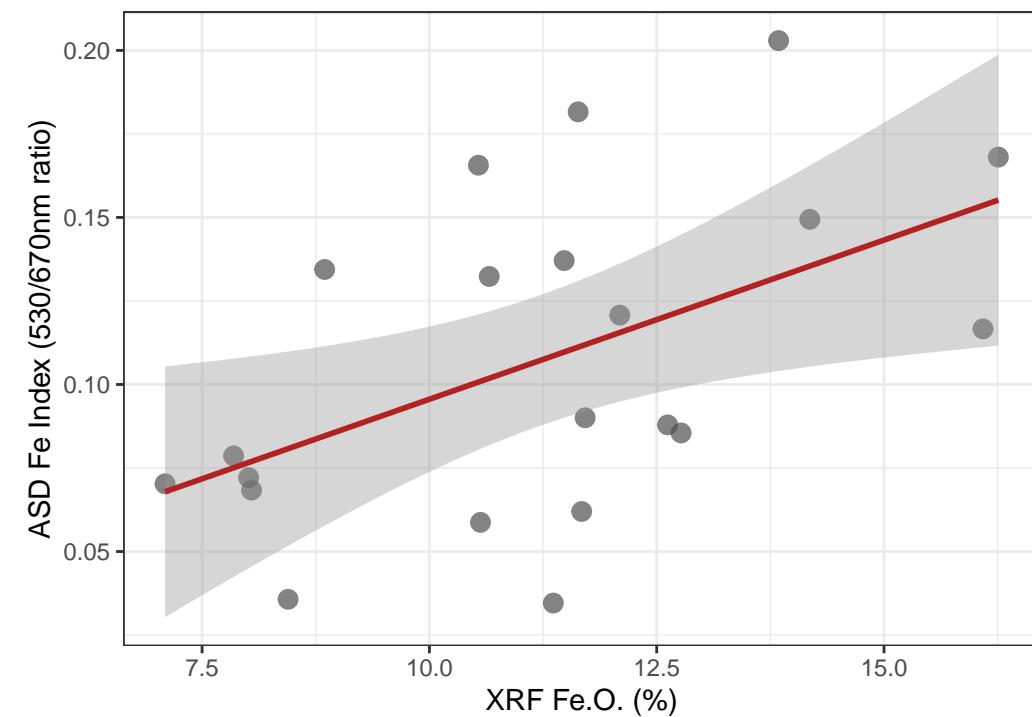
## ASD Char Index vs XRF Organic Proxy

$r = -0.069, n = 21$



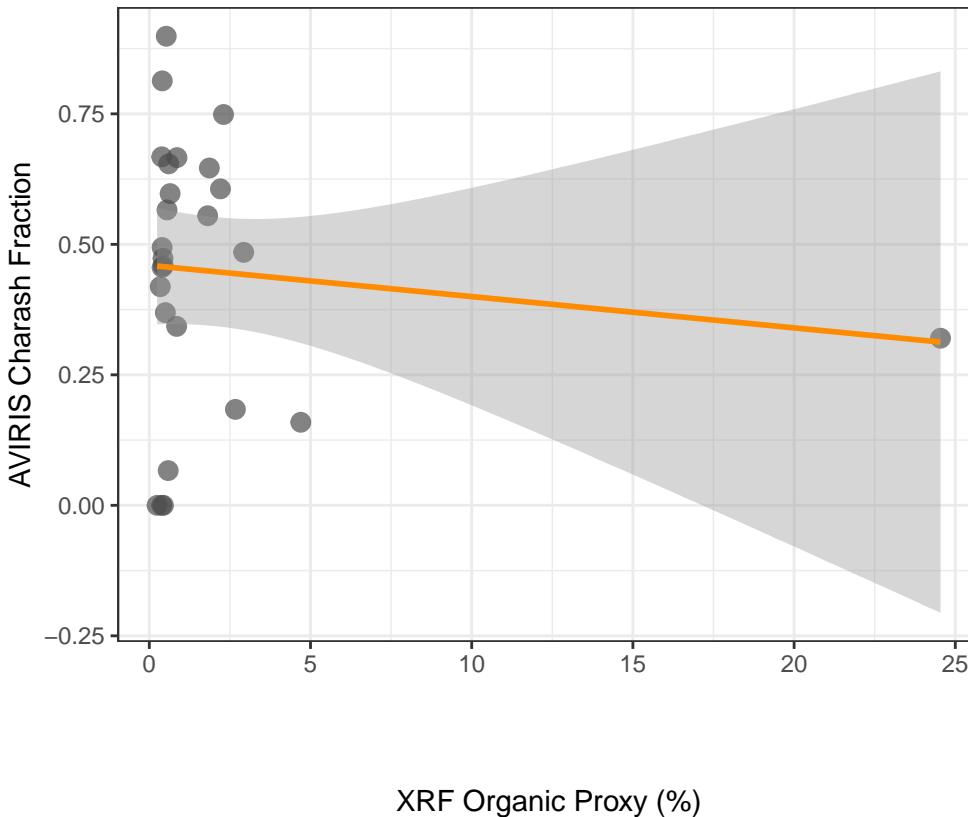
## ASD Fe Index vs XRF Fe.O.

$r = 0.509, n = 21$

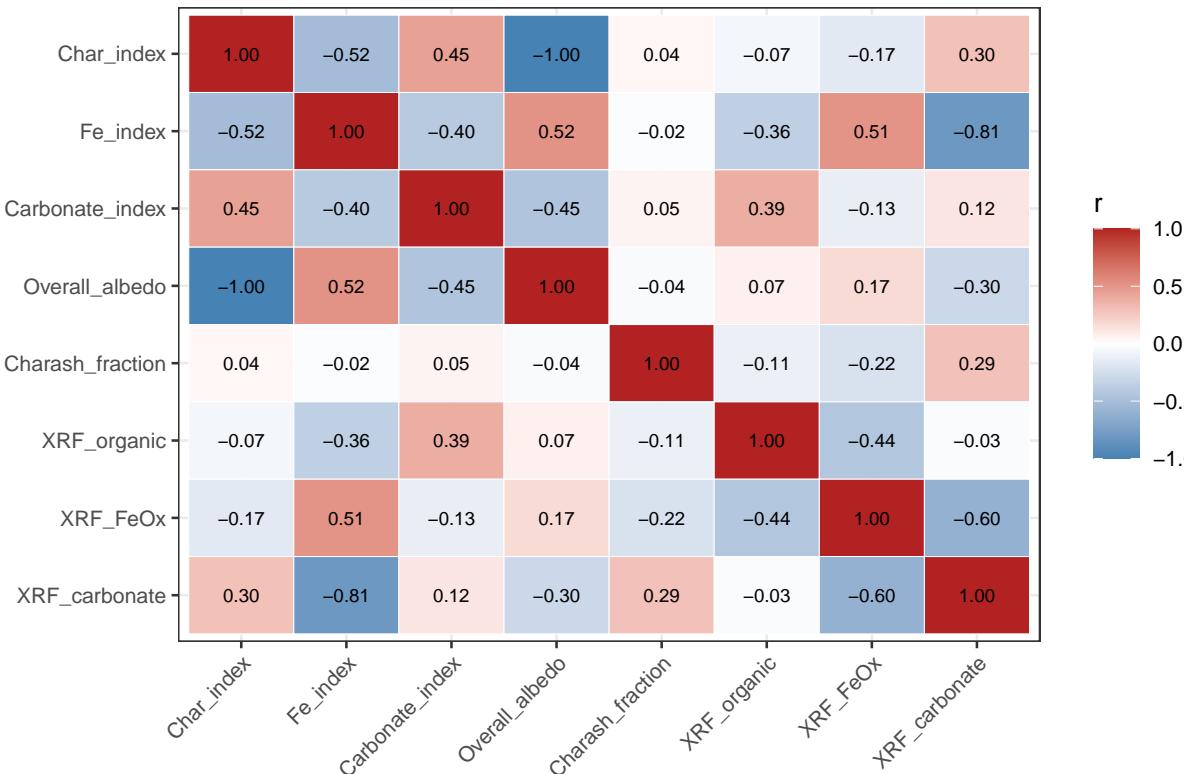


## AVIRIS Charash vs XRF Organic Proxy

$r = -0.111, n = 26$

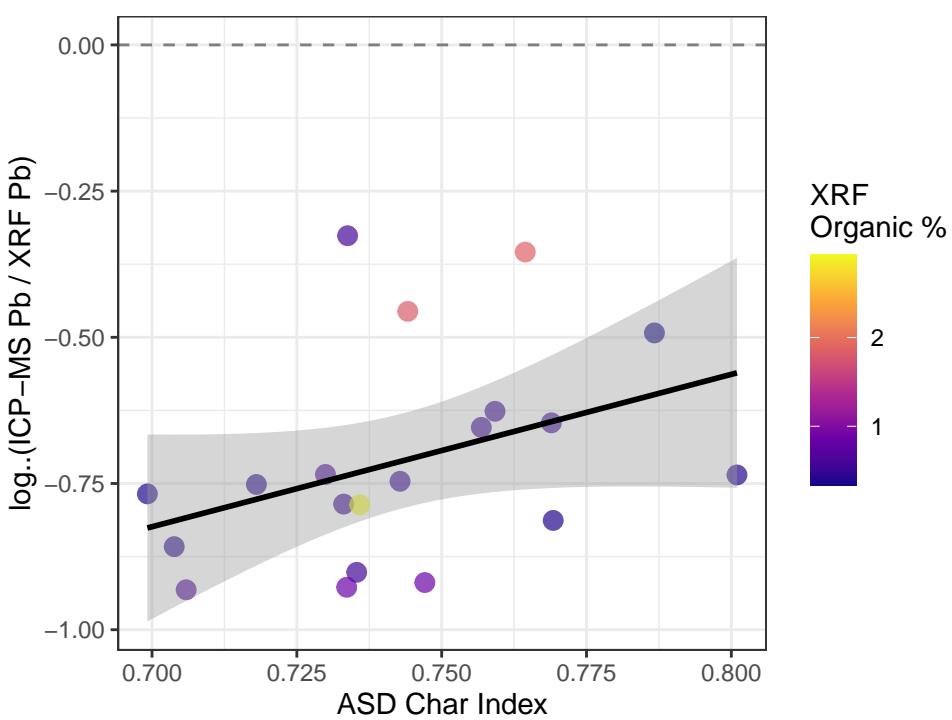


## Multi-Source Proxy Correlation Matrix



## ASD Char Index vs Pb XRF-ICP-MS Offset

$r = 0.383$



## Spectral-XRF Proxy Validation Summary

Dashed lines =  $|r| = 0.3$  threshold

