Total mcrA Copies vs CH. Flux

n = 10 species (>=5 observations each); error bars = IQR

Pearson r = 0.54 (p = 0.104)
Spearman . = 0.45 (p = 0.191)
Kendall . = 0.38 (p = 0.156)

Median CH_4 flux (nmol m^{-2} s^{-1})

0.2
0.1
0.0

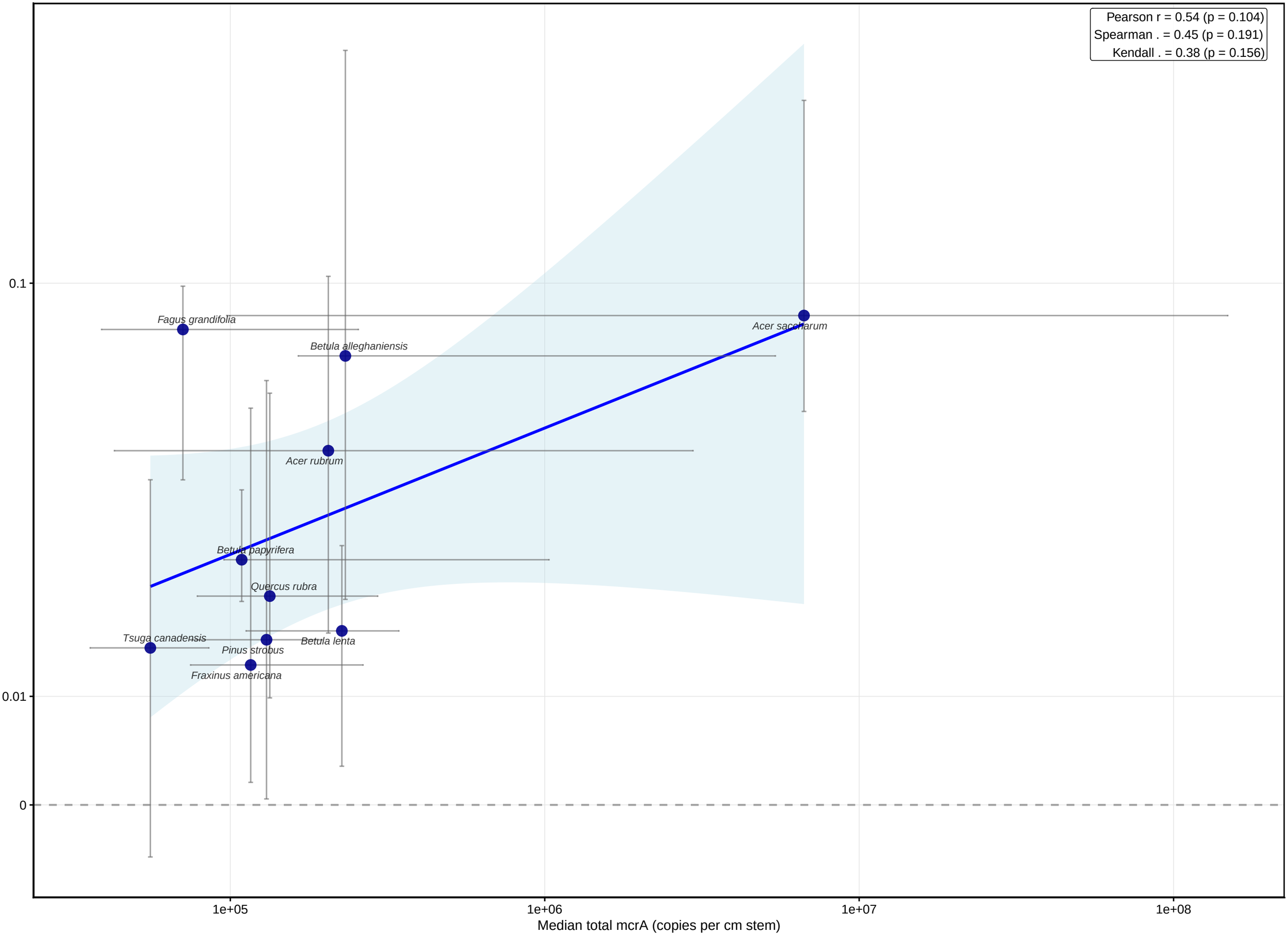
Fagus grandifolia
Betula alleghaniensis
Acer saccharum
Acer rubrum
Betula papyrifera
Quercus rubra
Pinus strobus
Tsuga canadensis
Betula lenta
Fraxinus americana

10^5 10^6 10^7 10^8

Median total mcrA (copies per cm stem)

Total mcrA Copies vs CH. Flux (Pseudolog Scale)

n = 10 species (>=5 observations each); error bars = IQR



r = 0.63, p = 0.049
. = 0.67, p = 0.039
. = 0.56, p = 0.029

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Betula lenta
Pinus strobus
Tsuga canadensis
Fraxinus americana

10^2
10^3
10^4
10^5

Median area−weighted mcrA (copies g^{-1})

Acer saccharum

Betula alleghaniensis

Fagus grandifolia

Betula papyrifera

Quercus rubra

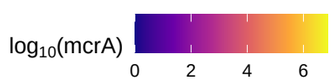
Acer rubrum

Betula lenta

Fraxinus americana

Tsuga canadensis

Pinus strobus



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Median total mcrA (copies per cm stem)

Total mcrA Copies vs CH. Flux (Pseudolog Scale)

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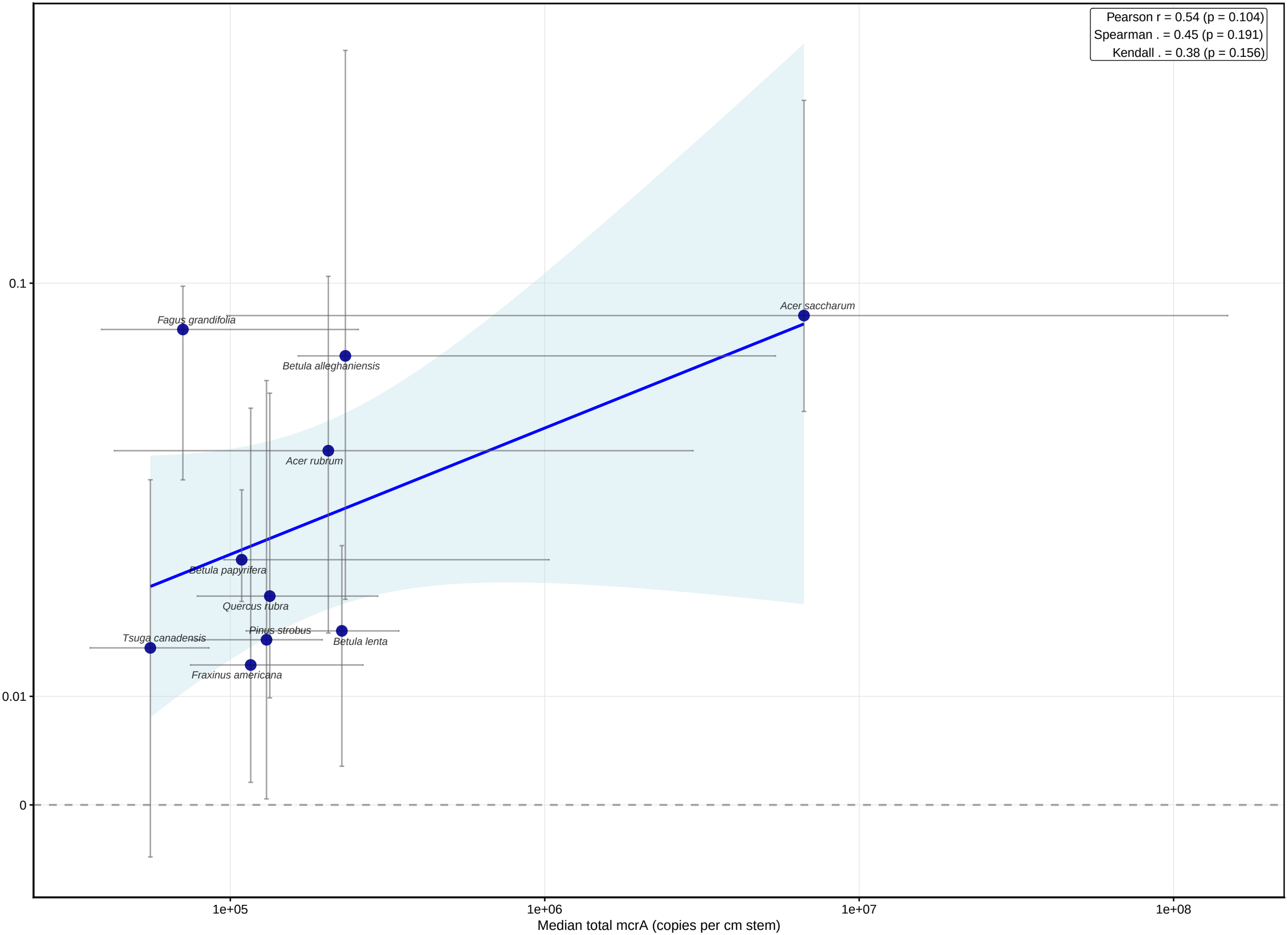

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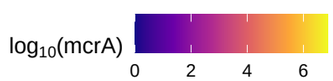

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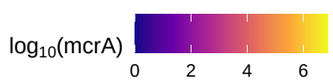

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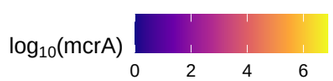
Pinus strobus