

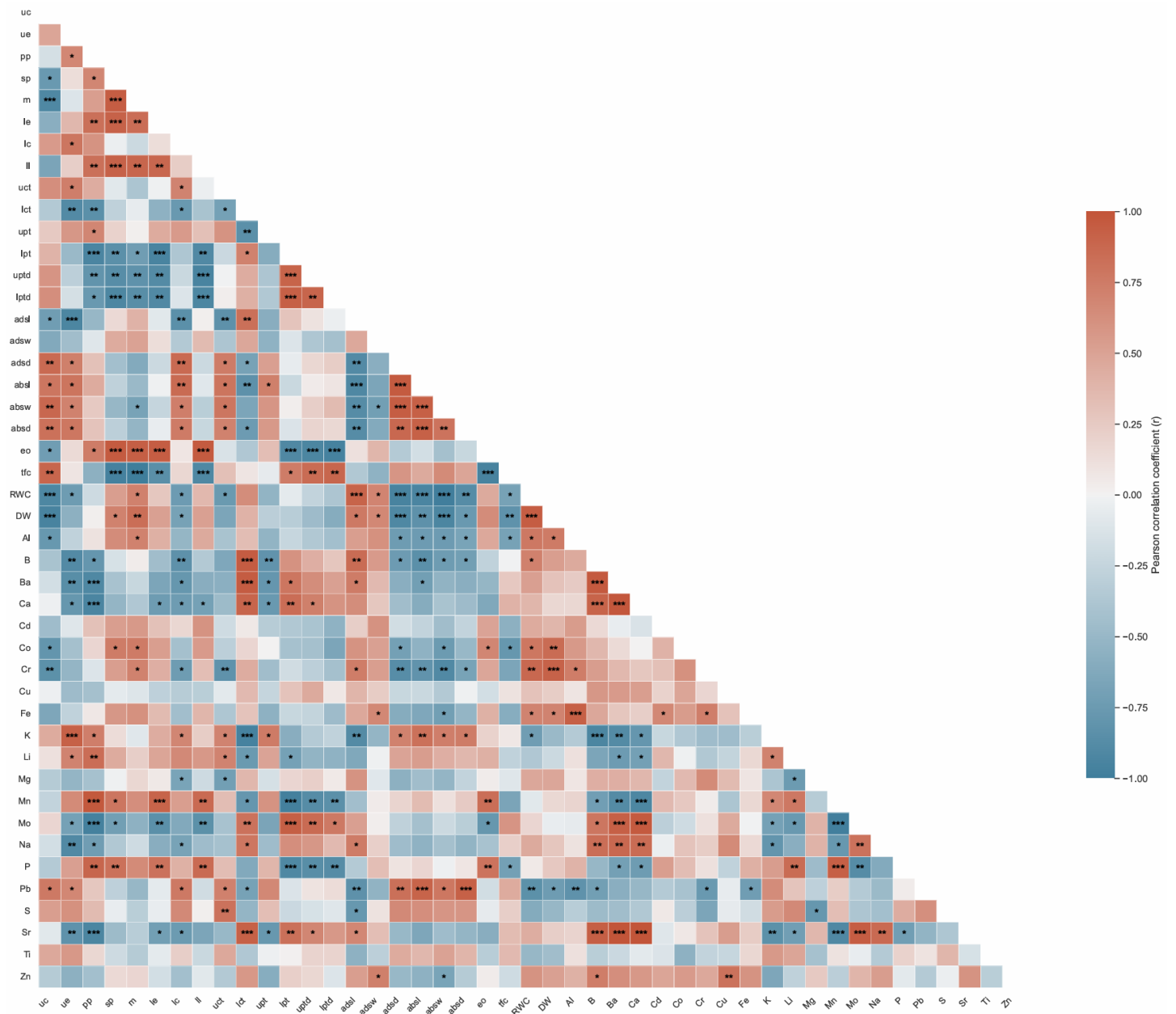


Figure S1. Pearson correlation matrix heatmaps of *Nepeta cataria* L. Abbreviations: **uc**: upper/adaxial cuticle (μm), **ue**: upper/adaxial epidermis (μm), **pp**: palisade parenchyma (μm), **sp**: spongy parenchyma (μm), **m**: mesophyll thickness (μm), **le**: lower/abaxial epidermis (μm), **lc**: lower/abaxial cuticle (μm), **ll**: leaf lamina thickness (μm), **uct**: number of capitate glandular trichomes (no. mm^{-2}) in adaxial epidermis; **lct**: number of capitate glandular trichomes (no. mm^{-2}) in abaxial epidermis; **upt**: number of peltate glandular trichomes (no. mm^{-2}) in adaxial epidermis; **lpt**: number of peltate glandular trichomes (no. mm^{-2}) in abaxial epidermis; **uptd**: diameter of peltate glandular trichomes (μm) in adaxial epidermis; **lptd**: diameter of peltate glandular trichomes (μm) in abaxial epidermis; **adsl**: adaxial stomatal length (μm); **adsw**: stomatal width (μm); **adsd**: adaxial stomatal density (no. mm^{-2}); **absd**: abaxial stomatal length (μm); **absw**: abaxial stomatal width (μm); **absd**: abaxial stomatal density (no. mm^{-2}), **eo**: essential oil content; **tfc**: total flavonoid content; **RWC**: Relative water content; **DW**: dry weight. Significance levels: * $p < 0.05$; ** $p < 0.01$; *** $p < 0.001$