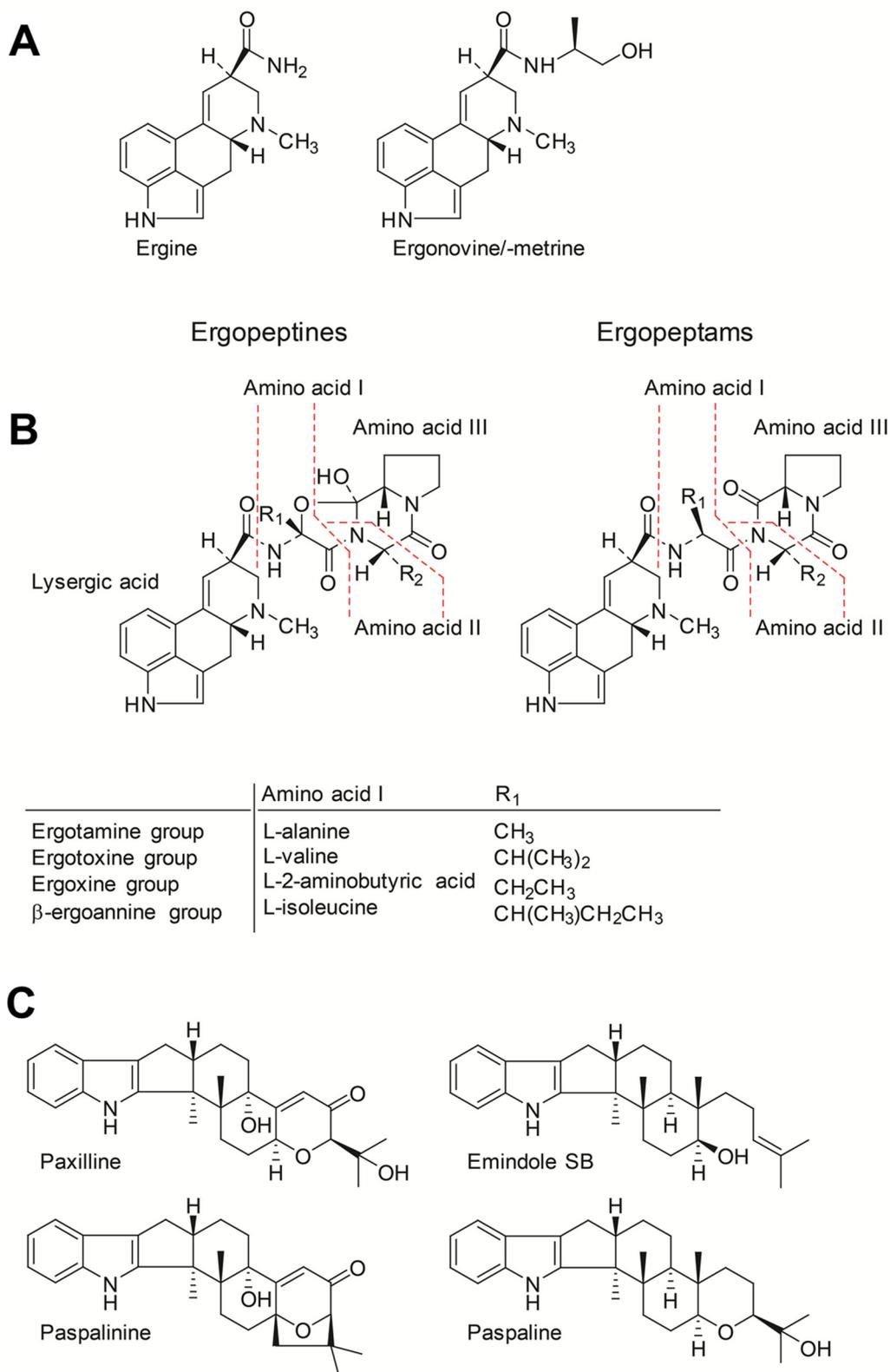
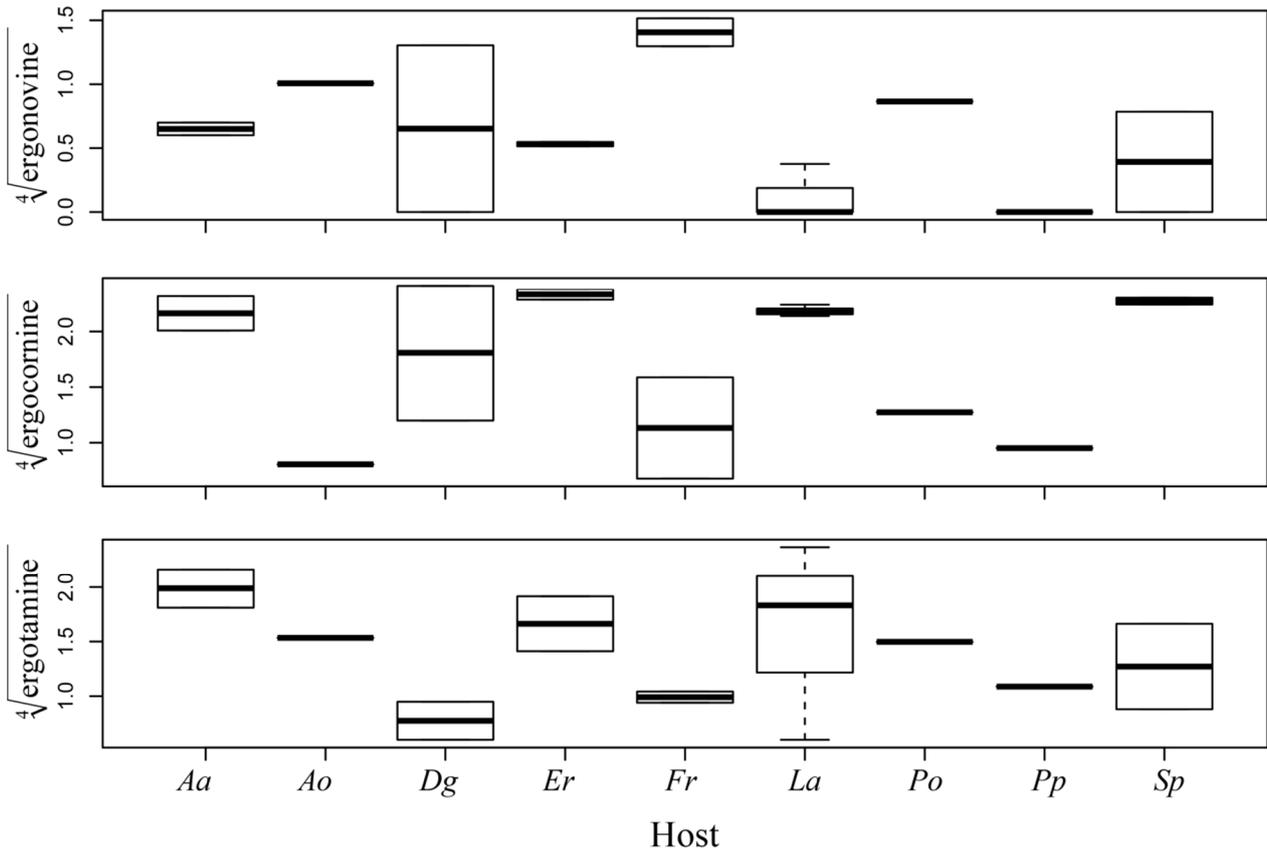


# Supplementary Information



**Figure S1.** Examples of structures for ergot alkaloids and indole-diterpenes: ergine and ergonovine (A), ergopeptines and ergopeptams (B), examples of *Claviceps*-related indole-diterpenes (C).



**Figure S2.** Differences in ergot-alkaloid composition in *Claviceps purpurea sensu stricto* (G1) sclerotia from different hosts. Substantial (but not significant) differences in relative amounts between hosts were observed for ergonovine, ergocornine and ergotamine. Host abbreviations: *Aa* = *Ammophila arenaria*, *Ao* = *Anthoxanthum odoratum*, *Dg* = *Dactylis glomerata*, *Er* = *Elymus repens*, *Fr* = *Festuca rubra*, *La* = *Leymus arenarius*, *Po* = *Poa pratensis*, *Pp* = *Phleum pretense*, *Sp* = *Schedonorus pratensis*.