(a)
Xylem water potential at the root collar, ψ_x^0 [m]
Time, t [d]
Homogeneous young root system
Homogeneous mature root system
Heterogeneous root system (40% mature / 60% young roots)
Filled areas under the curves indicate the occurence of water stress
(b)
Xylem water potential at the root collar, ψ_x^0 [m]
Time, t [d]
Homogeneous young root system
Homogeneous mature root system
Heterogeneous root system (40% mature / 60% young roots)
Filled areas under the curves indicate the occurence of water stress
(c)
Effort, w [m]
Time, t [d]
Homogeneous young root system
Homogeneous mature root system
Heterogeneous root system (40% mature / 60% young roots)
Time constant transpiration rate
Sinusoidal transpiration rate