

**Table S1.** The tables below display the results of difference significance analysis, calculated using the Mann-Whitney test ( $p < 0.05$ ) and the online calculator (<https://www.socscistatistics.com/tests/mannwhitney/default2.aspx>), where “+” – there are differences between samples, “-” – there are no differences between samples

<b>Figure 1a. Stems.</b>			
	control	OTC15	OTC50
control		+	+
OTC15	+		-
OTC50	+	-	
<b>Figure 1a. Roots.</b>			
	control	OTC15	OTC50
control		+	+
OTC15	+		-
OTC50	+	-	
<b>Figure 1b. Biomass</b>			
	control	OTC15	OTC50
control		+	+
OTC15	+		+
OTC50	+	+	
<b>Figure 1c. Chlorophyll content</b>			
	control	OTC15	OTC50
control		+	+
OTC15	+		+
OTC50	+	+	
<b>Figure 2.</b>			
	Leaf (control)	Root (control)	Water (control)
Leaf (control)		+	+
Root (control)	+		+
Water (control)	+	+	
	Leaf (OTC15)	Root (OTC15)	Water (OTC15)
Leaf (OTC15)		+	+
Root (OTC15)	+		-
Water (OTC15)	+	-	
	Leaf (OTC50)	Root (OTC50)	Water (OTC50)
Leaf (OTC50)		+	+
Root (OTC50)	+		+
Water (OTC50)	+	+	
<b>Figure 3a.</b>			
	Leaf (control)	Root (control)	Water (control)
Leaf (control)		+	+
Root (control)	+		+
Water (control)	+	+	
	Leaf (OTC15)	Root (OTC15)	Water (OTC15)
Leaf (OTC15)		+	+
Root (OTC15)	+		-
Water (OTC15)	+	-	
	Leaf (OTC50)	Root (OTC50)	Water (OTC50)
Leaf (OTC50)		+	+

Root (OTC50)	+		-
Water (OTC50)	+	-	
<b>Figure 3b. Simpson indice</b>			
	Leaf (control)	Root (control)	Water (control)
Leaf (control)		-	+
Root (control)	-		+
Water (control)	+	+	
	Leaf (OTC15)	Root (OTC15)	Water (OTC15)
Leaf (OTC15)		-	+
Root (OTC15)	-		+
Water (OTC15)	+	+	
	Leaf (OTC50)	Root (OTC50)	Water (OTC50)
Leaf (OTC50)		+	+
Root (OTC50)	+		-
Water (OTC50)	+	-	
Shannon indice			
	Leaf (control)	Root (control)	Water (control)
Leaf (control)		+	+
Root (control)	+		+
Water (control)	+	+	
	Leaf (OTC15)	Root (OTC15)	Water (OTC15)
Leaf (OTC15)		+	+
Root (OTC15)	+		+
Water (OTC15)	+	+	
	Leaf (OTC50)	Root (OTC50)	Water (OTC50)
Leaf (OTC50)		+	+
Root (OTC50)	+		-
Water (OTC50)	+	-	
<b>Figure 4a.</b>			
	Leaf (OTC15)	Root (OTC15)	
Leaf (OTC15)		+	
Root (OTC15)	+		
	Leaf (OTC50)	Root (OTC50)	
Leaf (OTC50)		+	
Root (OTC50)	+		
Figure 4b.			
	Root (OTC50)	Water (OTC50)	
Root (OTC50)		+	
Water (OTC50)	+		
<b>Figure 5a. Stems</b>			
	control	OTC15	OTC300
control		-	+
OTC15	-		+
OTC300	+	+	
Figure 5a. Roots			
	control	OTC15	OTC300

control		-	+
OTC15	-		+
OTC300	+	+	
Figure 5b. Biomass			
	control	OTC15	OTC300
control		-	+
OTC15	-		+
OTC300	+	+	
Figure 5c. Chlorophyll content			
	control	OTC15	OTC300
control		-	-
OTC15	-		-
OTC300	-	-	

**Figure 6.**

	Leaf (control)	Root (control)	Soil (control)
Leaf (control)		+	+
Root (control)	+		+
Soil (control)	+	+	
	Leaf (OTC15)	Root (OTC15)	Soil (OTC15)
Leaf (OTC15)		+	+
Root (OTC15)	+		+
Soil (OTC15)	+	+	
	Leaf (OTC300)	Root (OTC300)	Soil (OTC300)
Leaf (OTC300)		+	+
Root (OTC300)	+		+
Soil (OTC300)	+	+	

**Figure 7a.**

	Leaf (control)	Root (control)	Soil (control)
Leaf (control)		+	+
Root (control)	+		+
Soil (control)	+	+	
	Leaf (OTC15)	Root (OTC15)	Soil (OTC15)
Leaf (OTC15)		+	+
Root (OTC15)	+		+
Soil (OTC15)	+	+	
	Leaf (OTC300)	Root (OTC300)	Soil (OTC300)
Leaf (OTC300)		+	+
Root (OTC300)	+		+
Soil (OTC300)	+	+	

**Figure 7b. Simpson indice**

	Leaf (control)	Root (control)	Soil (control)
Leaf (control)		-	-
Root (control)	-		-
Soil (control)	-	-	
	Leaf (OTC15)	Root (OTC15)	Soil (OTC15)
Leaf (OTC15)		-	-
Root (OTC15)	-		-
Soil (OTC15)	-	-	

	Leaf (OTC300)	Root (OTC300)	Soil (OTC300)
Leaf (OTC300)		-	-
Root (OTC300)	-		-
Soil (OTC300)	-	-	
<b>Shannon indice</b>			
	Leaf (control)	Root (control)	Soil (control)
Leaf (control)		-	+
Root (control)	-		+
Soil (control)	+	+	
	Leaf (OTC15)	Root (OTC15)	Soil (OTC15)
Leaf (OTC15)		-	+
Root (OTC15)	-		+
Soil (OTC15)	+	+	
	Leaf (OTC300)	Root (OTC300)	Soil (OTC300)
Leaf (OTC300)		+	+
Root (OTC300)	+		+
Soil (OTC300)	+	+	
<b>Figure 8a.</b>			
	Leaf (OTC15)	Root (OTC15)	Soil (OTC15)
Leaf (OTC15)		+	+
Root (OTC15)	+		+
Soil (OTC15)	+	+	
	Leaf (OTC300)	Root (OTC300)	Soil (OTC300)
Leaf (OTC300)		+	+
Root (OTC300)	+		+
Soil (OTC300)	+	+	
<b>Figure 8b.</b>			
	Root (OTC15)	Water (OTC15)	Soil (OTC15)
Root (OTC15)		+	+
Water (OTC15)	+		+
Soil (OTC15)	+	+	
	Leaf (OTC300)	Root (OTC300)	Soil (OTC300)
Leaf (OTC300)		+	+
Root (OTC300)	+		+
Soil (OTC300)	+	+	