

Model variable	Estimate	Standard error	<i>t</i> value	<i>p</i> value
P1_1				
Intercept	-3.711	0.1306	-28.416	< 0.001
P_APP	0.002341	0.000623	3.757	< 0.001
PCP	0.003195	0.000117	27.286	< 0.001
TMP	0.5542	0.03197	17.337	< 0.001
SOL_K	0.00298	0.000472	6.305	< 0.001
Grasses	-0.4321	0.0382	-11.312	< 0.001
P_APP: PCP	$-2.4 \times 10^{-6}$	$5.2 \times 10^{-7}$	-4.64	< 0.001
P_APP: TMP	0.000829	$7.7 \times 10^{-5}$	10.797	< 0.001
PCP: TMP	-0.00052	$2.9 \times 10^{-5}$	-18.297	< 0.001
PCP: SOL_K	$-1.2 \times 10^{-6}$	$3.97 \times 10^{-7}$	-3.095	0.002
TMP: SOL_K	-0.00026	$5.7 \times 10^{-5}$	-4.526	< 0.001
TMP: grasses	0.03787	0.00941	4.024	< 0.001
P1_3				
Intercept	-4.43817	0.589848	-7.512	< 0.001
PCP	0.002509	0.000534	4.701	< 0.001
TMP	0.417306	0.1496445	2.789	0.005
SOL_K	0.001247	0.000222	5.622	< 0.001
PCP: TMP	-0.0003	0.000135	-2.253	0.024
P2				
Intercept	-3.667	0.1357	-27.017	< 0.001
P_APP	0.003461	0.000663	5.218	< 0.001
PCP	0.003017	0.000122	24.783	< 0.001
TMP	0.5149	0.03304	15.584	< 0.001
SOL_K	0.003531	0.000488	7.233	< 0.001
Grasses	-0.2039	0.09001	-2.265	0.024
P_APP: PCP	$-2.4 \times 10^{-6}$	$5.54 \times 10^{-7}$	-4.305	< 0.001
P_APP: TMP	0.000432	$7.93 \times 10^{-5}$	5.445	< 0.001
P_APP: grasses	-0.03304	0.007019	-4.707	< 0.001
PCP: TMP	-0.00044	$2.95 \times 10^{-5}$	-14.952	< 0.001
PCP: SOL_K	$-1.4 \times 10^{-6}$	$4.1 \times 10^{-7}$	-3.446	< 0.001
PCP: grasses	-0.00025	$7.66 \times 10^{-5}$	-3.25	0.001
TMP: SOL_K	-0.00025	$5.87 \times 10^{-5}$	-4.184	< 0.001
TMP: grasses	0.05117	0.009839	5.201	< 0.001
P3				
Intercept	-2.817	0.2548	-11.054	< 0.001
P_APP	-0.01363	0.001854	-7.352	< 0.001
PCP	0.002778	0.000178	15.609	< 0.001
TMP	0.1406	0.06523	2.155	0.031
SOL_K	0.00651	0.000702	9.279	< 0.001
Grains	-0.9386	0.1378	-6.812	< 0.001
Grasses	-0.9931	0.1813	-5.478	< 0.001
P_APP: TMP	0.003562	0.000491	7.252	< 0.001
P_APP: grains	0.007736	0.002179	3.549	< 0.001
P_APP: grasses	-0.05489	0.01295	-4.24	< 0.001
PCP: TMP	-0.0003	$4.42 \times 10^{-5}$	-6.763	< 0.001
PCP: SOL_K	$-3.7 \times 10^{-6}$	$5.78 \times 10^{-7}$	-6.359	< 0.001
PCP: grains	0.000112	$5.1 \times 10^{-5}$	2.192	0.028
PCP: grasses	-0.00019	0.000109	-1.74	0.082
TMP: SOL_K	-0.00021	$8.8 \times 10^{-5}$	-2.4	0.016
TMP: grains	0.1798	0.03332	5.397	< 0.001
TMP: grasses	0.247	0.03581	6.898	< 0.001