Tab. S3. Results of ANOVA from the linear mixed effects model analysis to show the effects of forest type and sampling depth on the change of soil properties (Δ) between the intact forest soil and the *Acacia*-invaded forest soil. Significant P-values are highlighted in bold. Note the different model for Δ bulk density. Bulk density was only sampled at topsoil depth (0 − 15 cm), hence sampling depth was not used as part of the fixed effects in the model.

Effect	Δ Gravimetric water content			Δ Organic matter			Δ Bulk density			Δ pH			Δ Total N		
	df	F	P-value	df	F	P-value	df	F	P-value	df	F	p-value	df	F	P-value
Forest	1	0.21	0.652	1	14.01	**0.0005**	1	0.09	0.770	1	57.45	**<0.0001**	1	8.22	**0.006**
Sampling depth	1	0.21	0.648	1	0.88	0.354	-	-	-	1	13.25	**0.0007**	1	0.01	0.923
Forest x sampling depth	1	1.76	0.191	1	0.31	0.578	-	-	-	1	7.64	**0.008**	1	0.01	0.979

Effect	Δ Total P			Δ Total K			Δ Total Ca			Δ Total Mg		
	df	F	P-value	df	F	P-value	df	F	P-value	df	F	P-value
Forest	1	7.03	**0.011**	1	11.70	**0.001**	1	8.47	**0.006**	1	4.23	**0.046**
Sampling depth	1	1.63	0.208	1	0.61	0.439	1	0.08	0.775	1	10.09	**0.003**
Forest x sampling depth	1	0.21	0.649	1	0.58	0.449	1	1.29	0.262	1	0.09	0.767