

Species	Dependent variable	R2 score	Model terms	F	p-value	Estimate	Std. Error	t value	Pr(> t)
Boar	Dicentrics	0.0204	s(total_dose)	0.0004	0.9835				
			s(dose_rate)	0.4374	0.5136				
			s(age)	0.9914	0.3794				
			(Intercept)			0.0207	0.0033	6.3436	0
			sex			-0.0071	0.0052	-1.3603	0.1842
Species	Dependent variable	R2 score	Model terms	F	p-value	Estimate	Std. Error	t value	Pr(> t)
Boar	Mean Telomere Length (Telo-FISH)	-0.079	s(total_dose)	0.3264	0.5718				
			s(dose_rate)	0.001	0.9745				
			s(age)	0.009	0.9252				
			(Intercept)			0.6702	0.0626	10.7019	0
			sex			0.0864	0.099	0.8729	0.3892
Species	Dependent variable	R2 score	Model terms	F	p-value	Estimate	Std. Error	t value	Pr(> t)
Boar	Mean Telomere Length (qPCR)	0.0122	s(total_dose)	0.3228	0.6075				
			s(dose_rate)	1.0835	0.3042				
			s(age)	0.2053	0.653				
			(Intercept)			1.0522	0.0535	19.6748	0
			sex			0.0658	0.0687	0.9572	0.3443
Species	Dependent variable	R2 score	Model terms	F	p-value	Estimate	Std. Error	t value	Pr(> t)
Snake	Mean Telomere Length (qPCR)	0.0254	s(dose_rate)	1.0583	0.3179				
			(Intercept)			0.9051	0.1103	8.2058	0
			sex			-0.2403	0.2215	-1.0847	0.2932
Species	Dependent variable	R2 score	Model terms	F	p-value	Estimate	Std. Error	t value	Pr(> t)
Boar	Cortisol	0.585	s(total_dose)	0.5127	0.4803				
			s(dose_rate)	12.8478	0.0000				
			s(age)	0.0337	0.8557				
			(Intercept)			8.9082	1.6481	5.4052	0
			sex			4.5241	2.3825	1.8989	0.0687