

Species	Dependent variable	Independent variables	R2 score	t statistic	P> t	Coef.	Std.Err.	[0.025	0.975]
Boar	Dicentrics	Reasonable Total Life Time Dose (mGy)	0.0543	-0.0339	0.9731	0.0000	0.0000	-0.0001	0.0001
		Dose rate (μGy per h)		0.7068	0.4845	0.0007	0.0011	-0.0014	0.0029
		Age (months)		0.5634	0.5769	0.0002	0.0004	-0.0005	0.0010
		encoded sex		-1.0750	0.2899	-0.0054	0.0051	-0.0157	0.0048
		constant		2.4538	0.0194	0.0139	0.0057	0.0024	0.0255
Species	Dependent variable	Independent variables	R2 score	t statistic	P> t	Coef.	Std.Err.	[0.025	0.975]
Boar	Mean Telomere Length (Telo-FISH)	Reasonable Total Life Time Dose (mGy)	0.0418	-0.5713	0.5718	-0.0003	0.0005	-0.0013	0.0007
		Dose rate (μGy per h)		-0.0323	0.9745	-0.0006	0.0174	-0.0359	0.0348
		Age (months)		-0.0947	0.9252	-0.0007	0.0069	-0.0147	0.0134
		encoded sex		0.8729	0.3892	0.0864	0.099	-0.1152	0.288
		constant		6.8082	0	0.7181	0.1055	0.5033	0.933
Species	Dependent variable	Independent variables	R2 score	t statistic	P> t	Coef.	Std.Err.	[0.025	0.975]
Boar	Mean Telomere Length (qPCR)	Reasonable Total Life Time Dose (mGy)	0.0583	-0.3043	0.7625	-0.0001	0.0005	-0.0011	0.0008
		Dose rate (μGy per h)		0.7622	0.4504	0.0064	0.0084	-0.0106	0.0234
		Age (months)		-0.6003	0.5517	-0.0007	0.0012	-0.0031	0.0017
		encoded sex		-0.8712	0.3888	-0.0603	0.0693	-0.2003	0.0796
		constant		17.4791	0	1.1402	0.0652	1.0083	1.272
Species	Dependent variable	Independent variables	R2 score	t statistic	P> t	Coef.	Std.Err.	[0.025	0.975]
Snake	Mean Telomere Length (qPCR)	Total dose rates (μGy h-1)	0.128	-1.0288	0.318	-0.0587	0.0571	-0.1791	0.0617
		encoded sex		1.0847	0.2932	0.2403	0.2215	-0.2271	0.7076
		constant		3.2821	0.0044	0.8062	0.2456	0.2879	1.3244
Species	Dependent variable	Independent variables	R2 score	t statistic	P> t	Coef.	Std.Err.	[0.025	0.975]
Boar	Cortisol	Reasonable Total Life Time Dose (mGy)	0.123	-1.3409	0.1904	-0.0107	0.008	-0.0271	0.0056
		Dose rate (μGy per h)		1.6518	0.1094	0.5575	0.3375	-0.1328	1.2478
		Age (months)		0.6274	0.5353	0.1158	0.1846	-0.2618	0.4934
		encoded sex		0.0471	0.9627	0.1663	3.5271	-7.0475	7.3801
		constant		1.9179	0.065	8.0372	4.1906	-0.5336	16.608