Supplementary Material

The role of regular engagement with non-companion animals and proximity to green and blue space for mental health, wellbeing, and loneliness during Covid-19 social-distancing measures: findings from a UK survey study

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Supplementary Material. Linear regression models (not adjusting for covariates)

Supplementary Table S1. Linear regression models of association of regular engagement and type of engagement activity with non-companion animals and the change scores for mental health and loneliness (not adjusting for covariates)

Predictor	Mental health change score			
	b_{adj}	95% CI	p-value	R^2
Regular engagement with non-companion animals	.180	.060 - .301	.003*	.002
Engagement activity in home/garden	.038	-.074 - .150	.510	.001
Engagement activity in wildlife/nature	-.035	-.144 - .074	.528	.001
Engagement activity online	.224	.059 - .389	.084	.001
	Loneliness change score			
	b_{adj}	95% CI	p-value	R^2
Regular engagement with non-companion animals	-.113	-.009 - .217	.033*	.001
Engagement activity in home/garden	.021	-.074 - .116	.669	.001
Engagement activity in wildlife/nature	.069	-.023 - .162	.141	.001
Engagement activity online	-.095	-.236 - .045	.183	.001

Supplementary Table S2. Linear regression models of association of predictors and mental health, loneliness, and wellbeing scores (not adjusting for covariates)

Predictor	Mental health score since lockdown			
	b_{adj}	95% CI	p-value	R^2
Proximity to green/blue space	.119	-.003 - .240	.056	.001
Regular use of green/blue space before lockdown	.294	.173 - .415	.059	.004
Regular use of green/blue space since lockdown	.451	.330 - .573	.001*	.010
	Loneliness score since lockdown			
	b_{adj}	95% CI	p-value	R^2
Proximity to green/blue space	-.305	-.404 - -.205	.001*	.007
Regular use of green/blue space before lockdown	-.241	-.340 - -.141	.001*	.004
Regular use of green/blue space since lockdown	-.477	-.576 - -.378	.001*	.016
	Wellbeing score since lockdown			
	b_{adj}	95% CI	p-value	R^2
Proximity to green/blue space	.632	.391 - .873	.001*	.005
Regular use of green/blue space before lockdown	.583	.342 - .823	.054	.004
Regular use of green/blue space since lockdown	1.169	.931 - 1.407	.001*	.016