Supplementary material

Effects of flowering inter-crops on ground beetle (Coleoptera: Carabidae) assemblages in organic raspberry and strawberry cultivation

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Table S1. Six indices describing the species-level diversity of carabid assemblages in raspberry and strawberry plantations managed under different inter-cropping practices. The values presented are **GLM-estimated means** (95% CI) for the inter-cropping treatment effect, controlling for variability between the two crops and sampling sessions (1-31 Aug 2023, 1 Sep-10 Oct 2023, 1-31 Aug 2024).

Treatment	Diversity index					
	Simpson	Shannon	Buzas-Gibson's evenness	Fisher alpha	Berger-Parker	Chao1
Control	**0.51** (0.36-0.65)	**0.94** (0.59-1.30)	**0.78** (0.66-0.89)	**1.63** (0.68-2.57)	**0.62** (0.47-0.78)	**5.82** (3.41-8.24)
Living mulch	**0.65** (0.51-0.79)	**1.23** (0.87-1.58)	**0.88** (0.76-0.99)	**2.40** (1.46-3.35)	**0.53** (0.38-0.69)	**4.85** (2.44-7.27)
Flower islands	**0.72** (0.58-0.87)	**1.45** (1.09-1.80)	**0.92** (0.80-1.03)	**3.11** (2.16-4.05)	**0.49** (0.34-0.64)	**5.55** (3.13-7.96)
Flower strip	**0.62** (0.48-0.77)	**1.21** (0.86-1.57)	**0.79** (0.67-0.91)	**1.86** (0.92-2.81)	**0.53** (0.38-0.68)	**4.79** (2.38-7.20)
p - value	.19	.25	.23	.13	.61	.90
Effect size (η_p^2)	0.24	0.21	0.22	0.28	0.10	0.03