

Table S1: Results of a linear model with arcsine square-root transformed fertilisation success as the response variable, against particle size (size class) and concentration as explanatory variables. “*” denotes significance at the $\alpha = 0.05$ level.

	df	Sum Sq	Mean Sq	F value	p value
Size Class	6	0.40612	0.067686	2.4451	0.03152*
Concentration	4	0.22041	0.055103	1.9905	0.10335
Size Class: Concentration	6	0.17902	0.029837	1.0778	0.38237
Residuals	84	2.32532	0.027682		

Table S2: Results of a linear model with square-root transformed embryo abnormality ratio as the response variable, against particle size (size class) and concentration as explanatory variables. “*” denotes significance at the $\alpha = 0.05$ level.

	df	Sum Sq	Mean Sq	F value	p value
Size Class	6	0.55406	0.092343	6.7207	7.732e ⁻⁰⁶ *
Concentration	4	0.07440	0.018599	1.3537	0.2570
Size Class: Concentration	6	0.06922	0.022536	0.8396	0.5429
Residuals	84	1.15417	0		

Table S3: Results of a linear model with square-root transformed settlement success as the response variable, against particle size (size class) and concentration as explanatory variables. No significance found.

	df	Sum Sq	Mean Sq	F value	p value
Size Class	6	0.00575	0.0009581	0.0723	0.9985
Concentration	4	0.04000	0.0100008	0.7550	0.5556
Size Class: Concentration	6	0.13155	0.0219248	1.6551	0.1329
Residuals	237	3.13951	0.0132469		