

Table S2. Interactions of each response variable (% of total variation and p-value)

Response variable	Source of variation	% of total variation	p-value
Phylum	Interaction	60.36	<0.0001
	Phylum Factor	38.80	<0.0001
	Treatment (pre, pro and synbiotic) Factor	0.1276	0.9148
Genus	Interaction	37.68	<0.0001
	Genus Factor	60.46	<0.0001
	Treatment (pre, pro and synbiotic) Factor	1.319	<0.0001