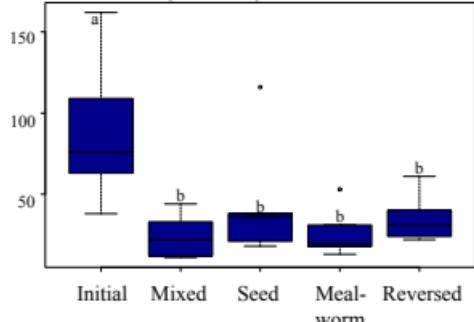
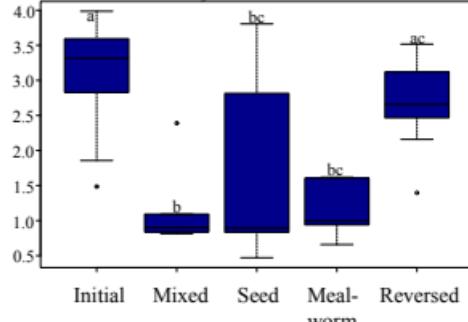
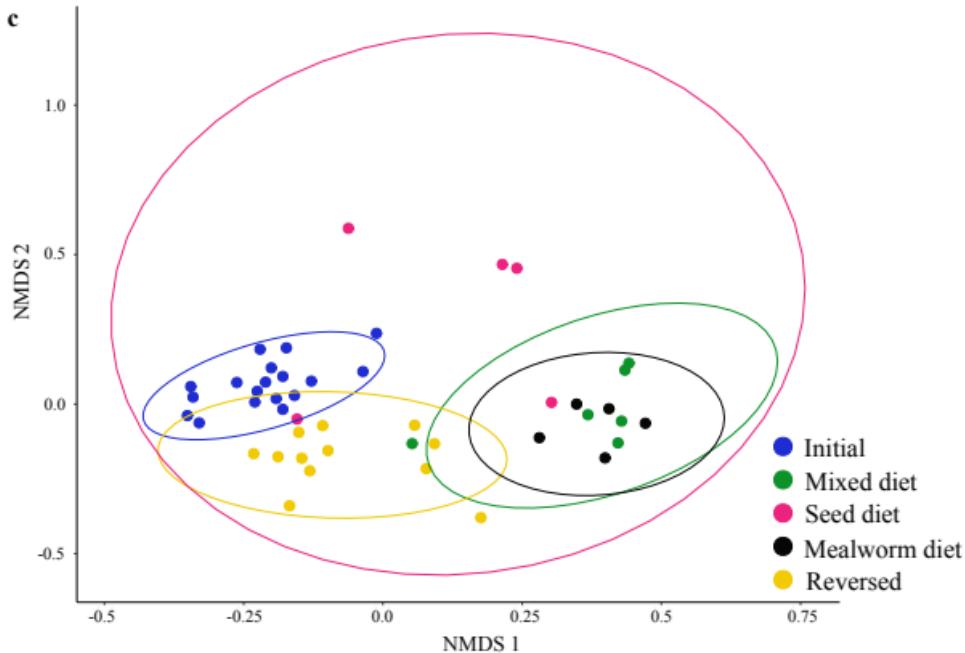


**a ASV richness (Observed)****b Shannon's diversity index****c**

Community level  
differences  
(pairwiseAdonis with  
10,000 permutations)

$R^2 = 0.142$ $p = 0.001$	$R^2 = 0.281$ $p = 0.004$	$R^2 = 0.302$ $p = 0.001$
$R^2 = 0.138$ $p = 0.03$	$R^2 = 0.131$ $p = 0.03$	$R^2 = 0.199$ $p = 0.666$
$R^2 = 0.315$ $p = 0.004$	$R^2 = 0.339$ $p = 0.001$	$R^2 = 0.075$ $p = 1.00$