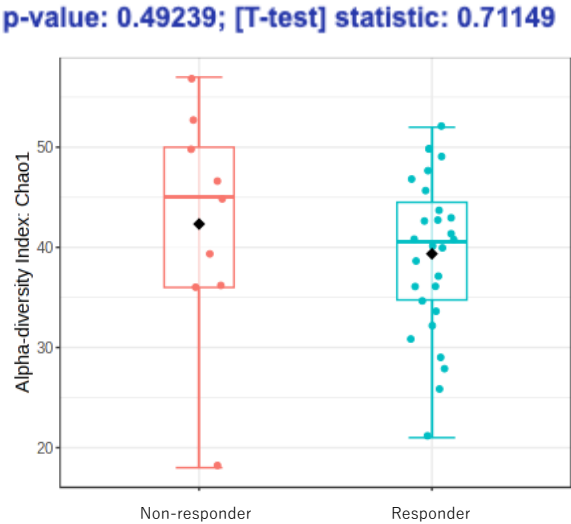


Supplementary Figure S1

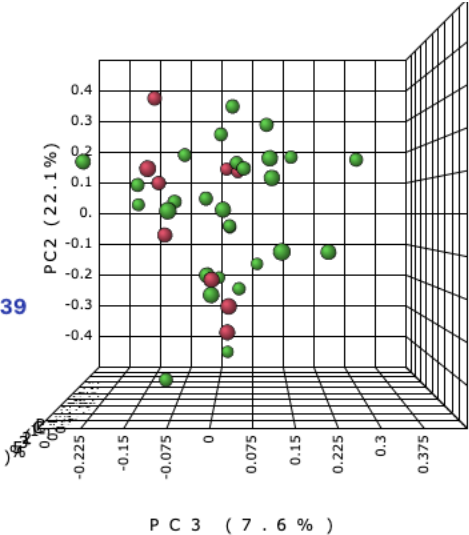
α -diversity



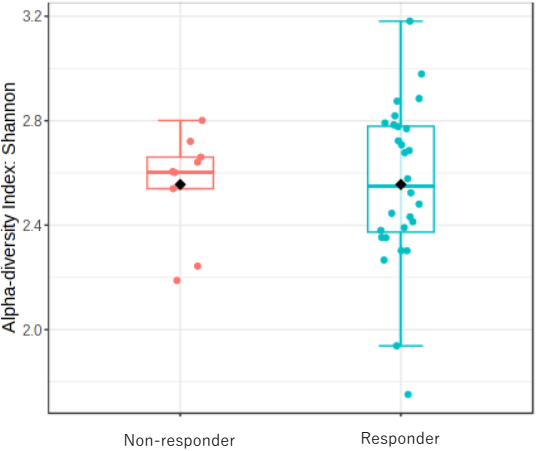
β -diversity

[PERMANOVA] F-value: 0.86906; R-squared: 0.024229; p-value: 0.539

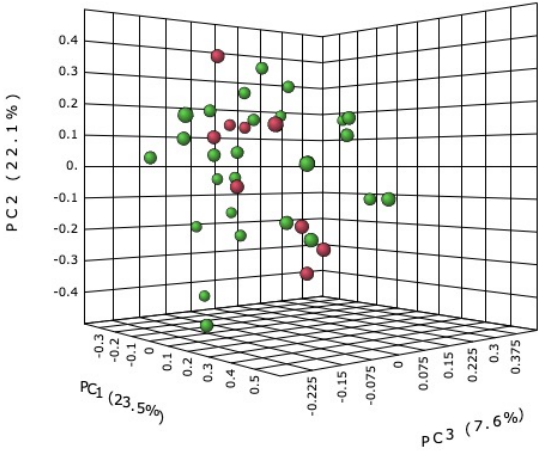
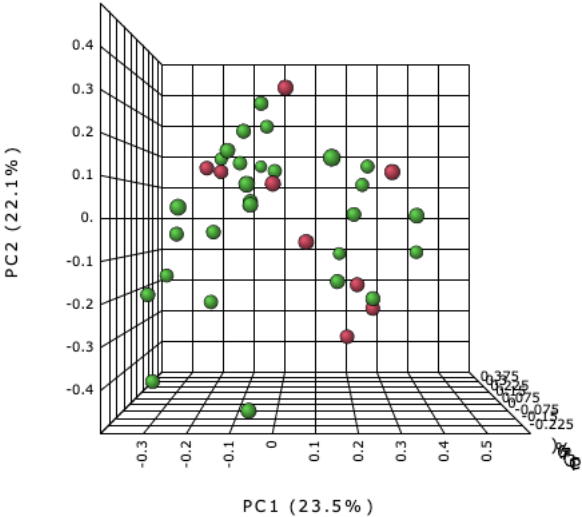
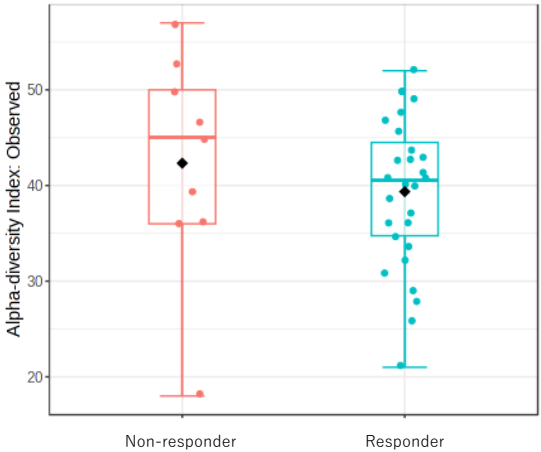
- Responder
- Non-responder



p-value: 0.99904; [T-test] statistic: -0.0012196

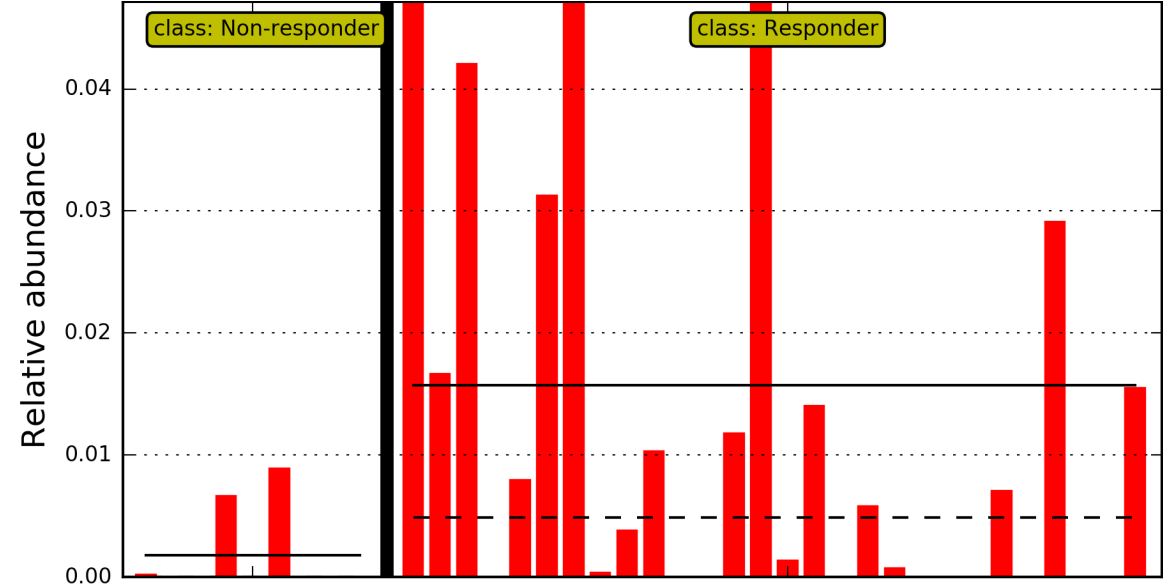


p-value: 0.49239; [T-test] statistic: 0.71149

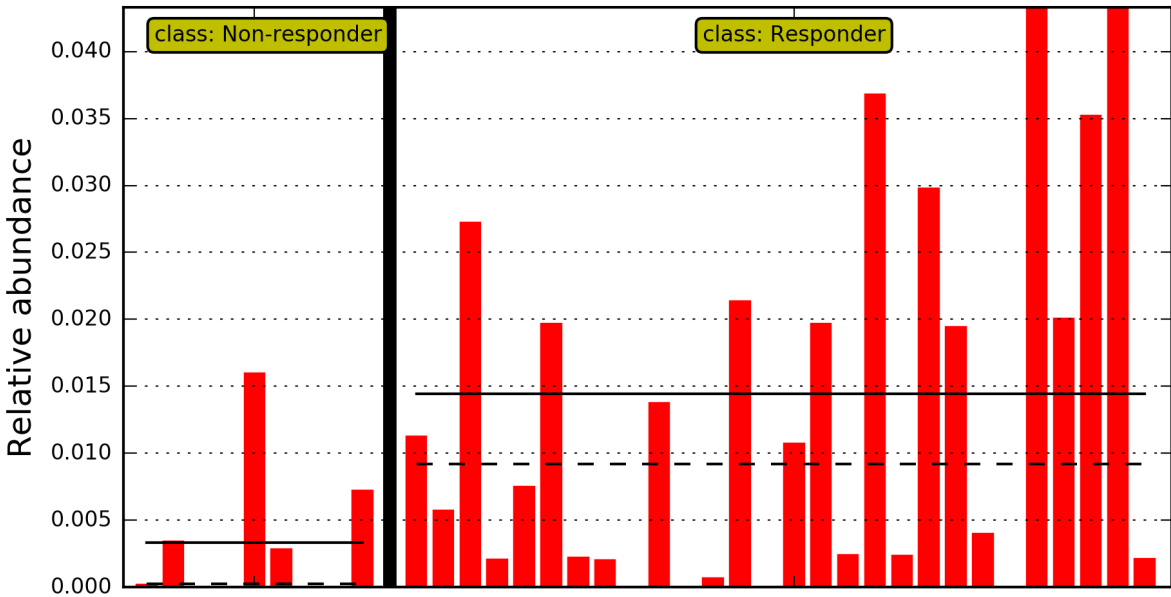


Supplementary Figure S2

Bacteroides stercoris

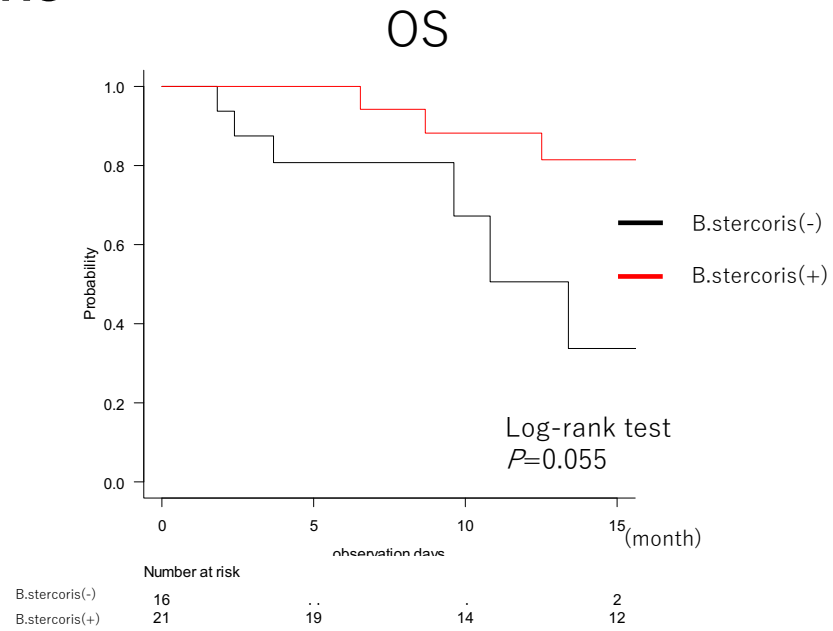
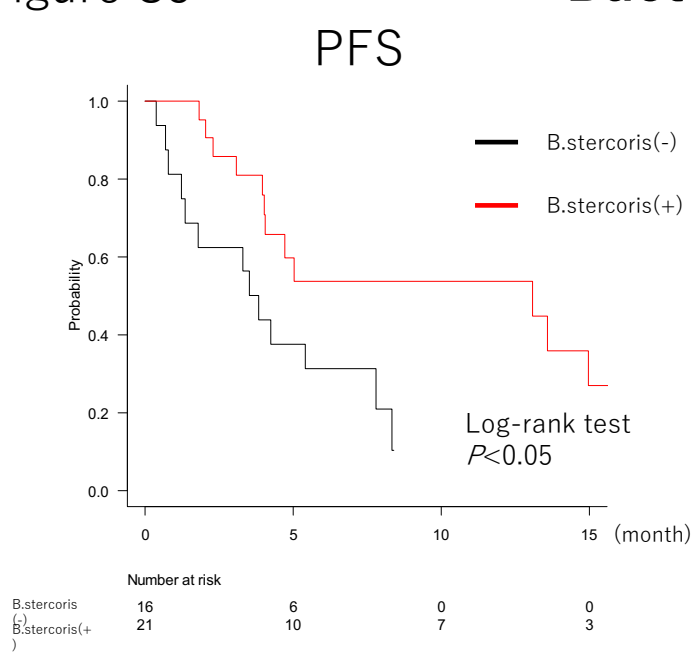


Parabacteroides merdae

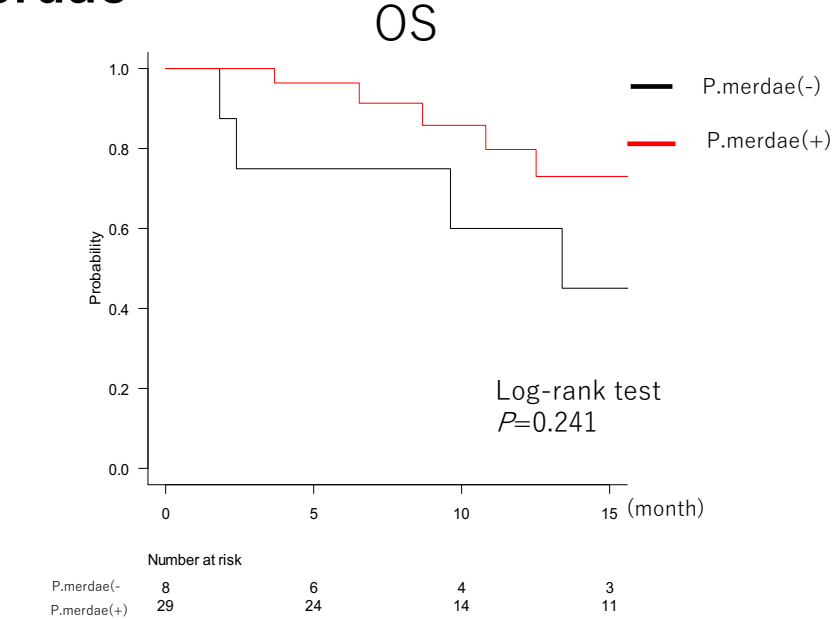
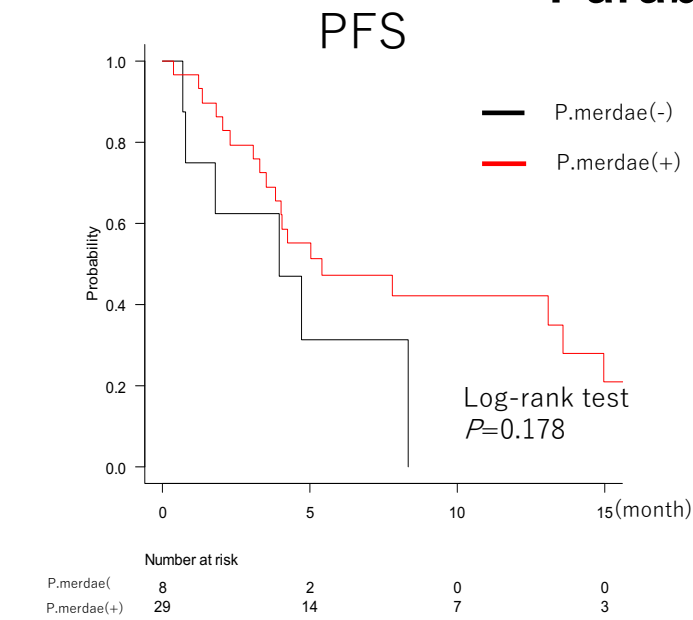


Supplementary Figure S3

Bacteroides stercoris

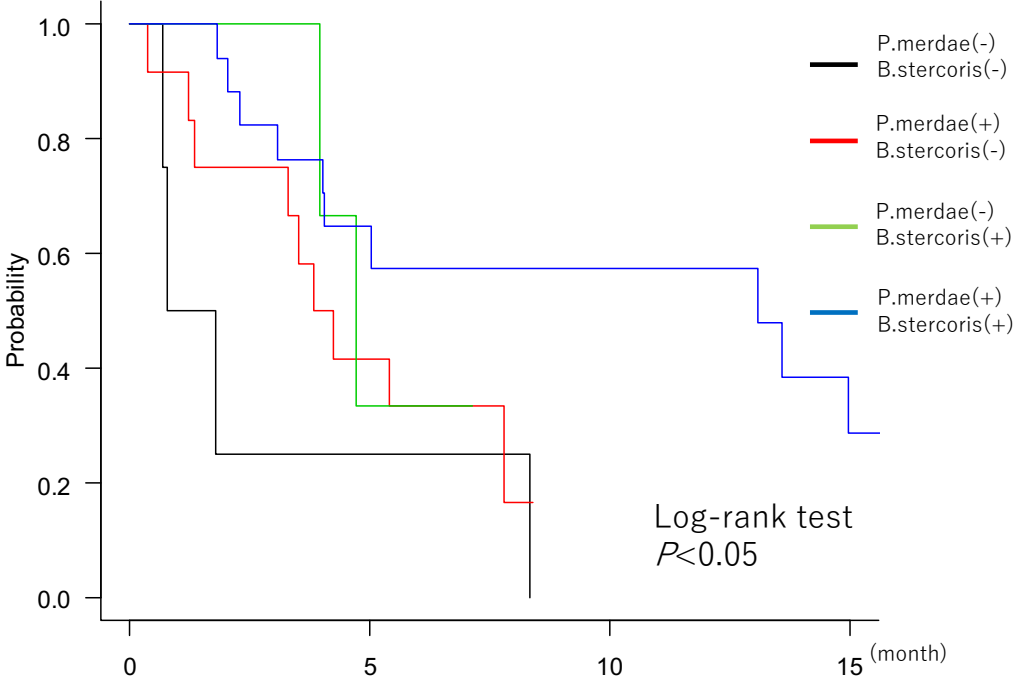


Parabacteroides merdae



Supplementary Figure S4

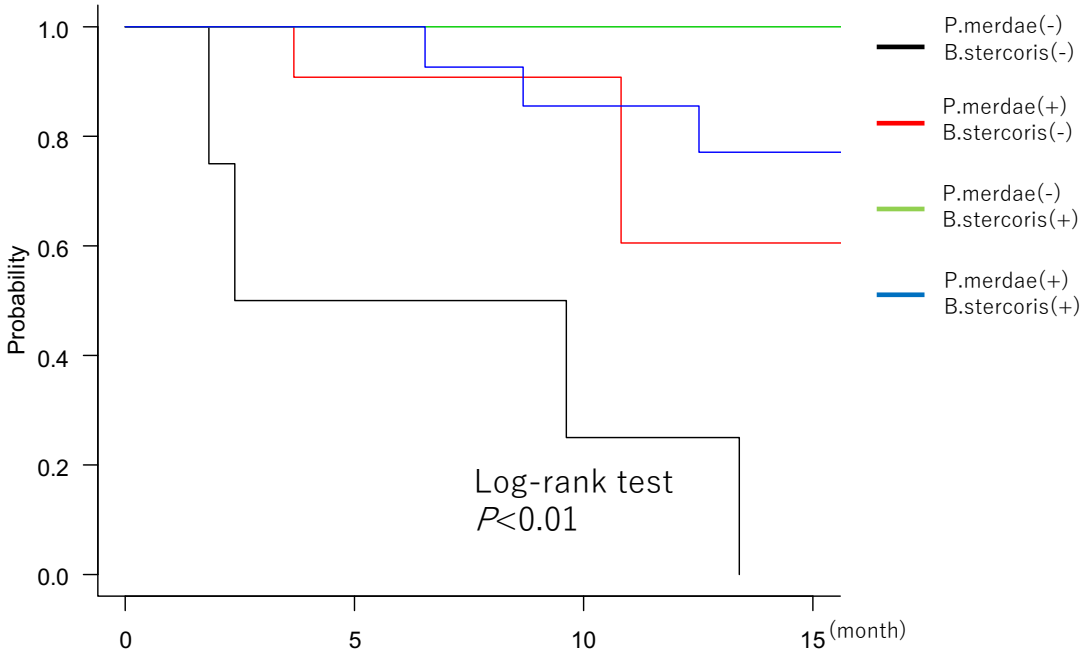
PFS



Number at risk

P.merdae(-) B.stercoris(-)	4	1	0	0
P.merdae(+) B.stercoris(-)	12	5	0	0
P.merdae(-) B.stercoris(+)	4	1	0	0
P.merdae(+) B.stercoris(+)	17	9	7	3

OS



Number at risk

P.merdae(-) B.stercoris(-)	4	2	1	0
P.merdae(+) B.stercoris(-)	12	9	3	2
P.merdae(-) B.stercoris(+)	4	4	3	3
P.merdae(+) B.stercoris(+)	17	15	11	9