

### A. Random forest classification

<b>16S amplicon data</b>			
<b>Variable</b>	<b>Accuracy ratio</b>	<b>Baseline accuracy (%)</b>	<b>Overall accuracy (%)</b>
Month ( <i>n</i> =12)	11	8.33	91.67
Site ( <i>n</i> =5)	4	20.83	83.33
<b>18S amplicon data</b>			
Month ( <i>n</i> =12)	6	8.33	50.00
Site ( <i>n</i> =5)	2.4	20.83	50.00

### B. Random forest regression

+

<b>16S amplicon data</b>					
<b>Variable</b>	<b>R-value</b>	<b>p-value</b>	<b>R-square</b>	<b>Mean squared error (MSE)</b>	<b>Std Error</b>
Temperature	0.90	1.54e-09	0.82	7.53	0.061
Salinity	0.85	1.61e-07	0.72	23.85	0.088
<b>18S amplicon data</b>					
Temperature	0.47	0.019	0.22	25.55	0.085
Salinity	0.44	0.032	0.19	75.63	0.068