**Procrustes errors**

**Site (vMAG proteomic abundance)**

anosim: \((p=0.678, R=-0.0252)\)

Stress = 0.2491456
Linear Fit, \(R^2 = 0.973\)

**Depth (vMAG proteomic abundance)**

anosim: \((p=0.794, R=-0.06203)\)

**List of vMAGs that putatively infect host**

| MAG Taxonomy         | MAG ID               |
|----------------------|----------------------|
| Acidobacteriota      | ACIDO-Gp22-AA2_1     |
| Actinobacteriota     | ACTINO 1             |
| Methylomirabilota    | MIB1                 |
| Myxococcota          | MIB2                 |
| Proteobacteria       | PROTEOB 1            |
| Eisenbacteria        | EISEN 1              |
| Nitrospirota         | NITROSPIRO 1         |
| Viral genome         | VIRAL 1              |

**Putative AMGs**

- CE14, GH33, KO0957, GH95, GH33, GH74, GH43, GH16, GH136, PL1, KO1784, GH55

**AMGs per category**

- 0, 1, 2

**Stress**

- 0.2491456

**Linear Fit**

- \(R^2 = 0.973\)