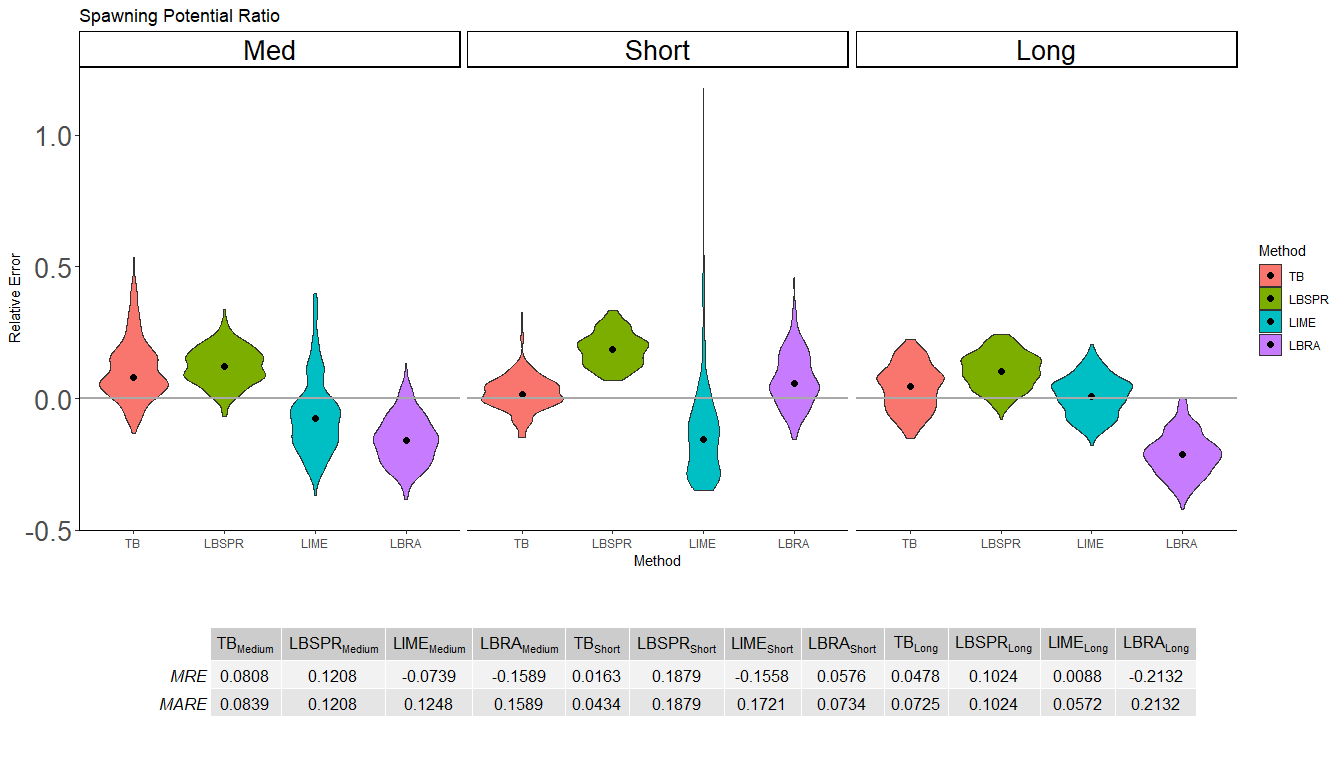
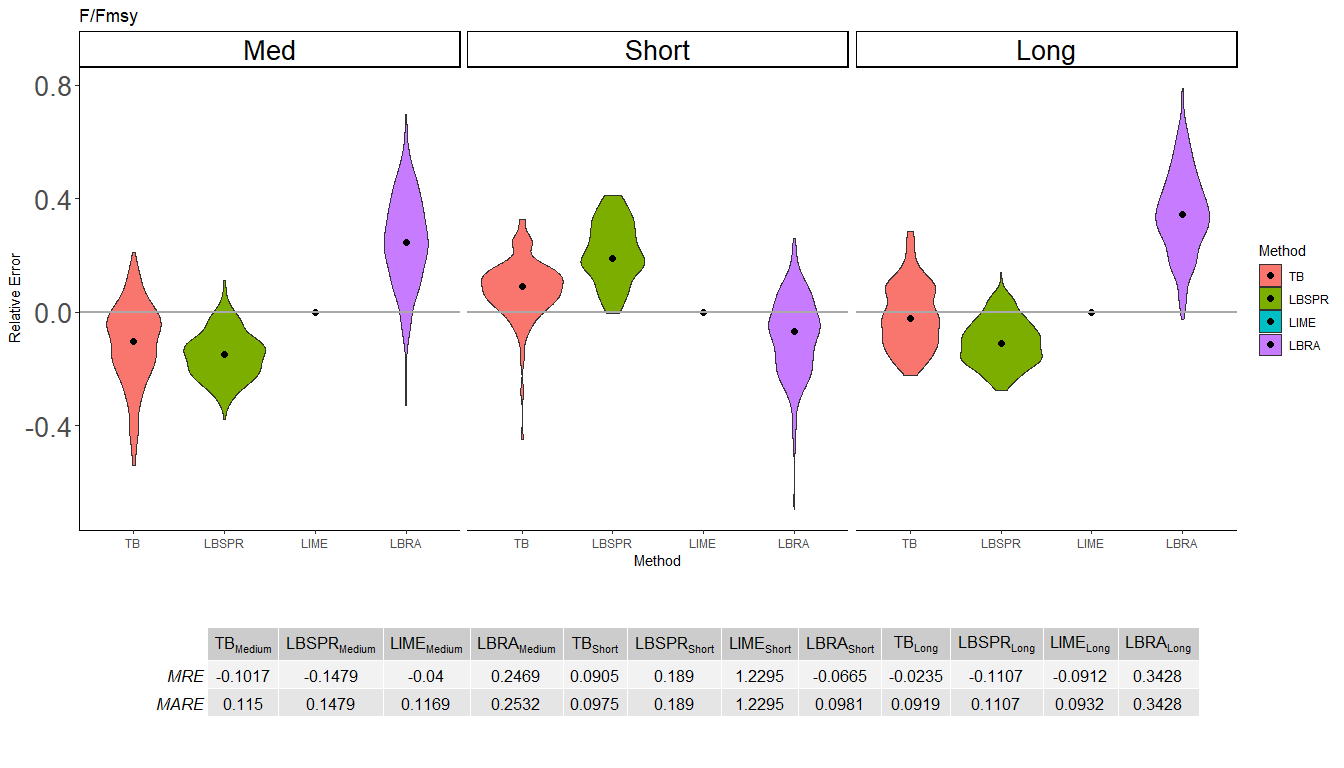
Figures

## LH comparison

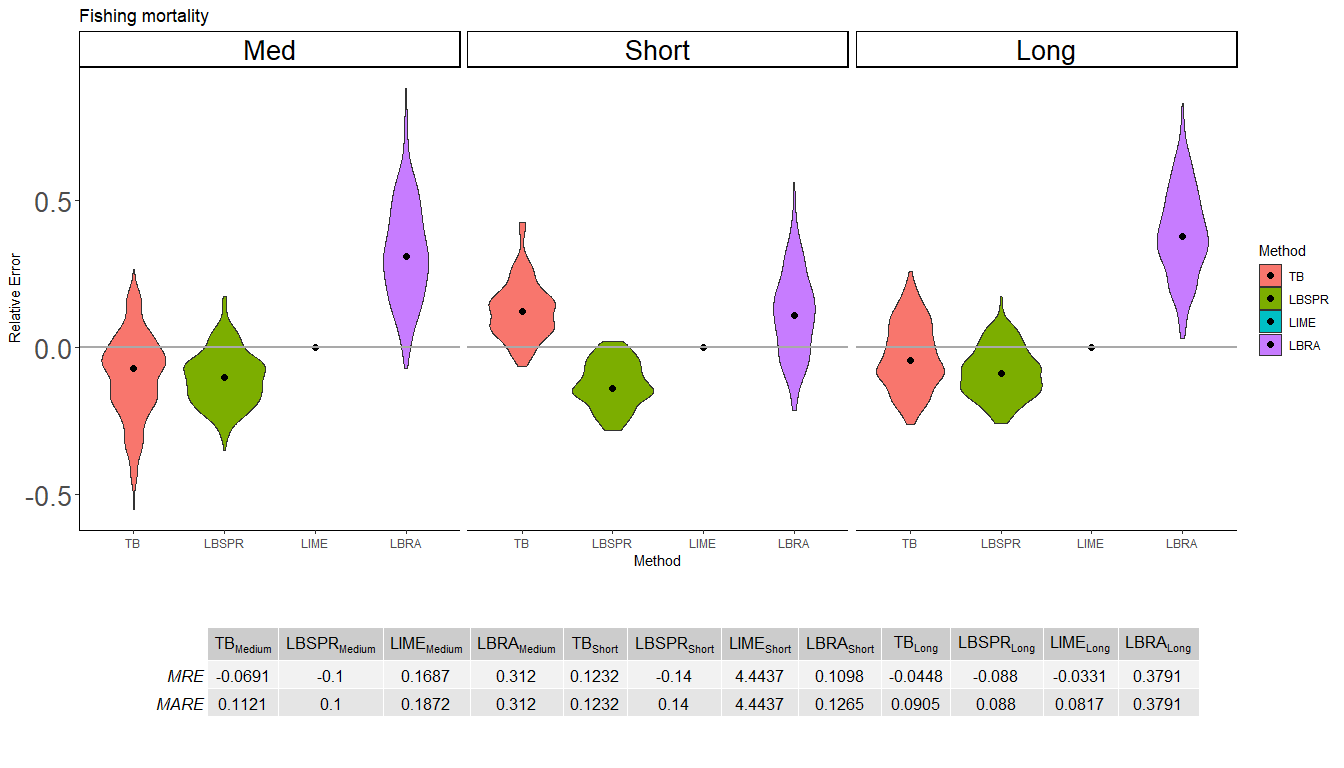
### SPR



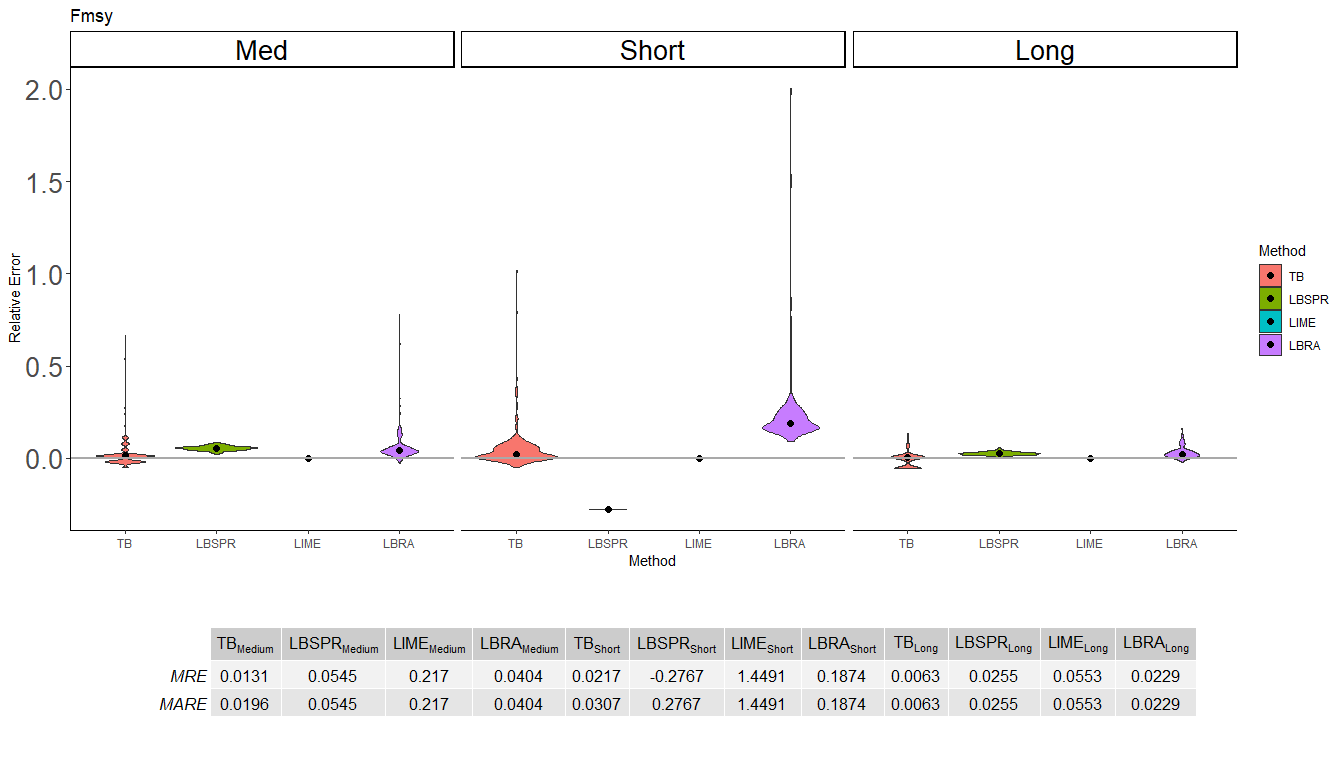
### FFmsy



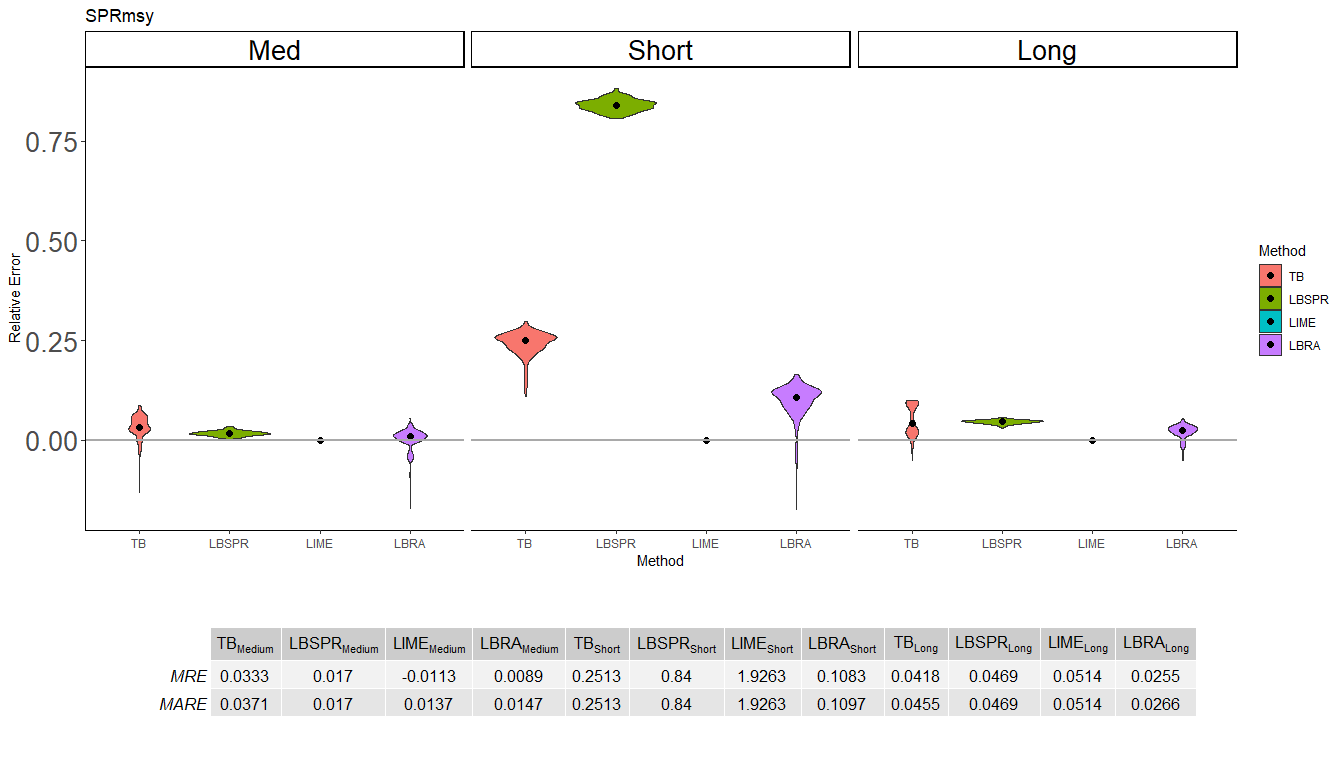
### FM



### Fmsy

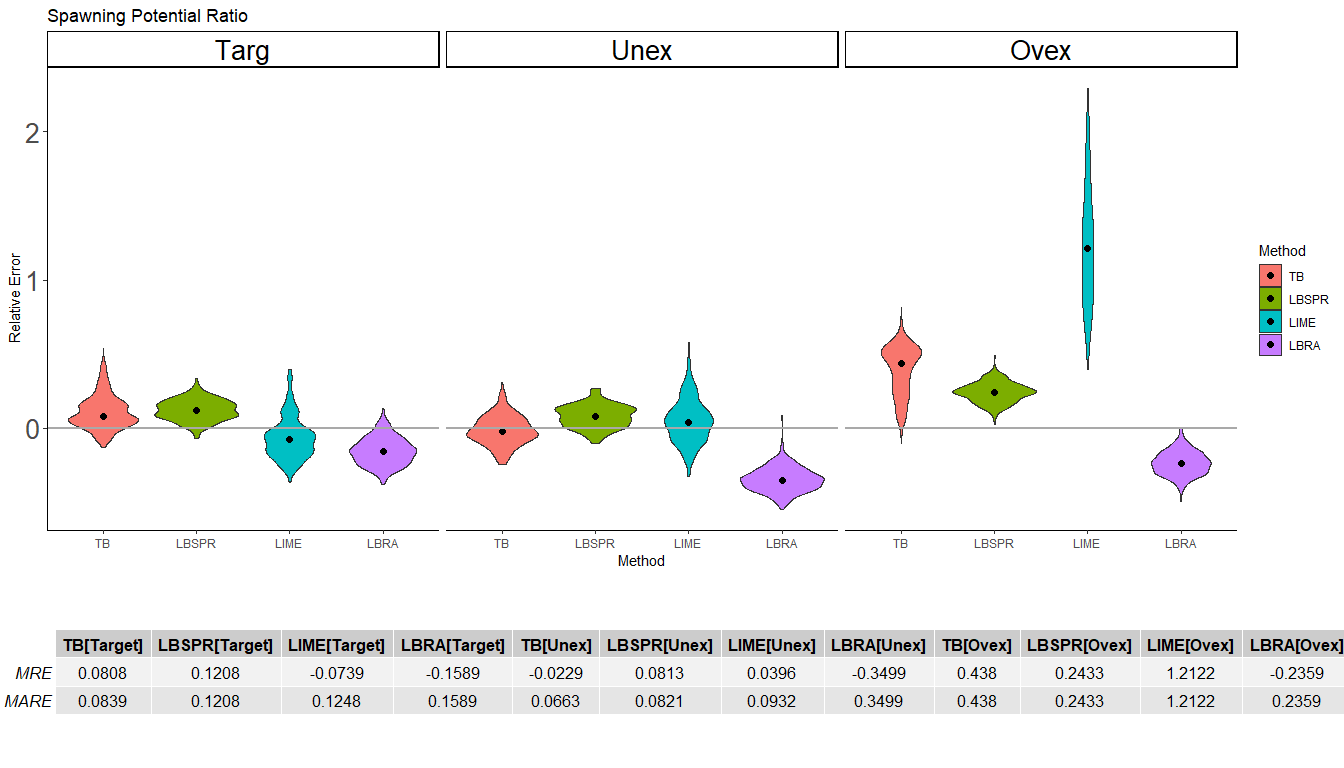


### SPRmsy

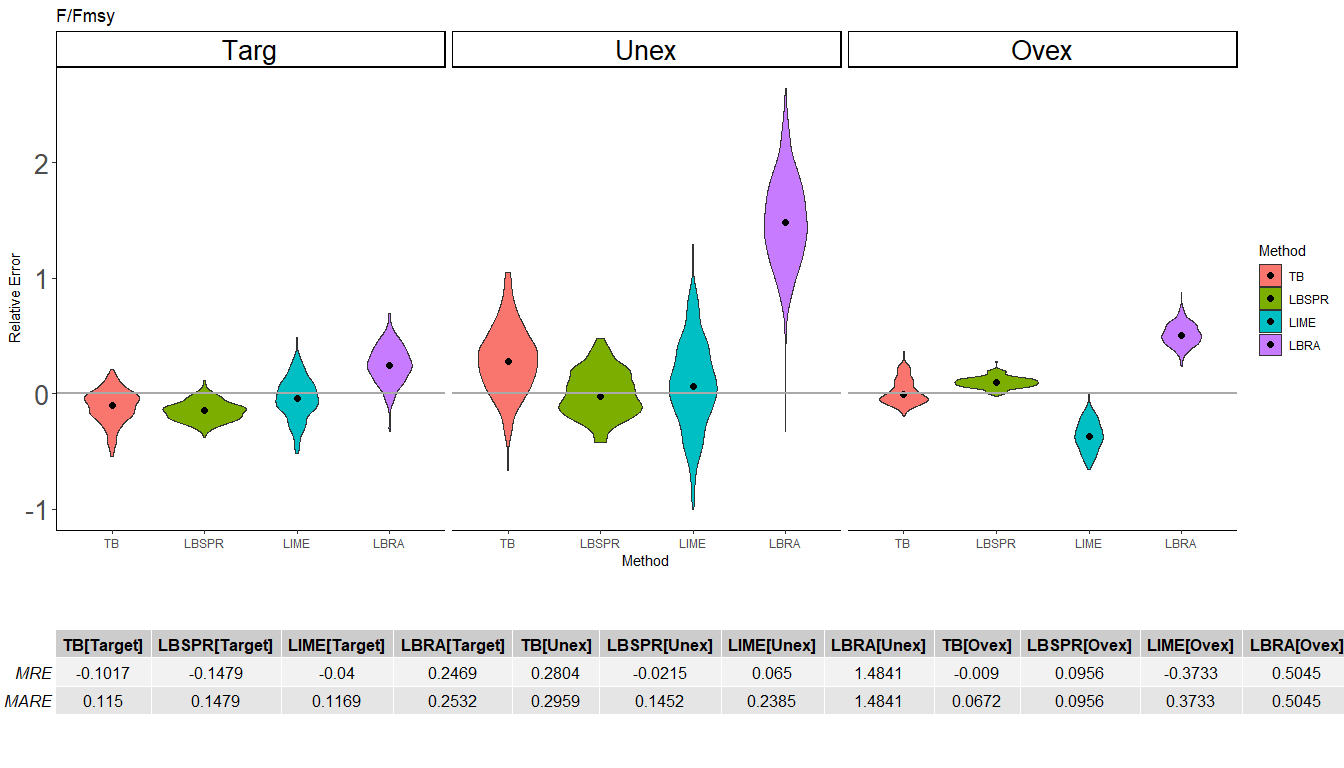


## Exp comparison

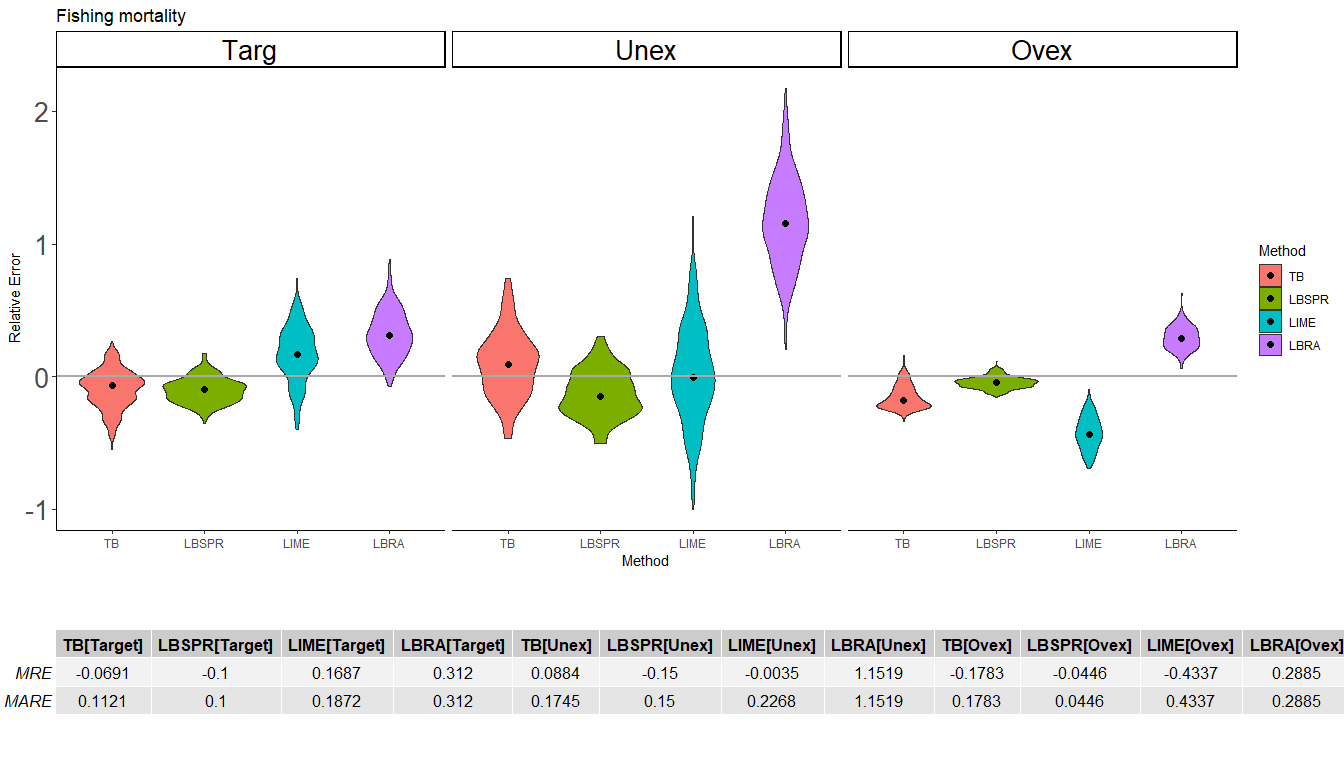
### SPR



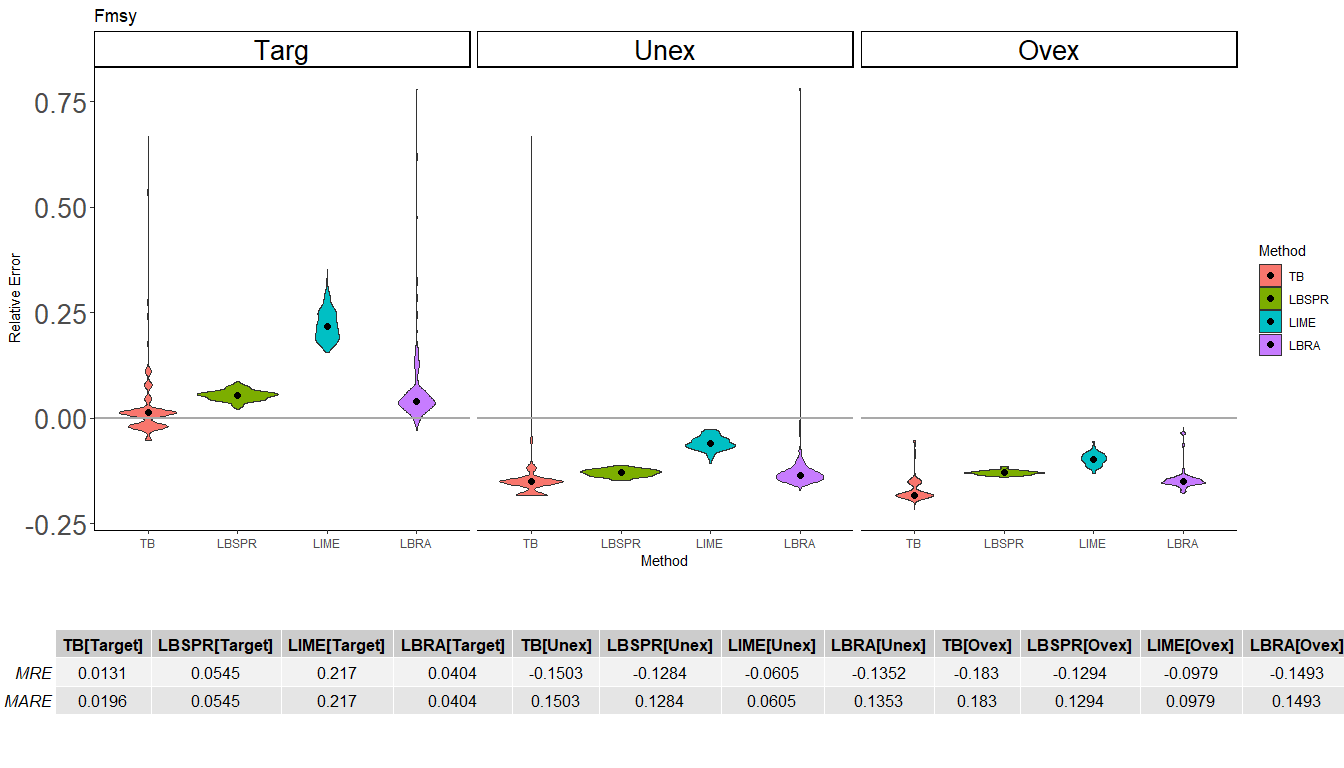
### FFmsy



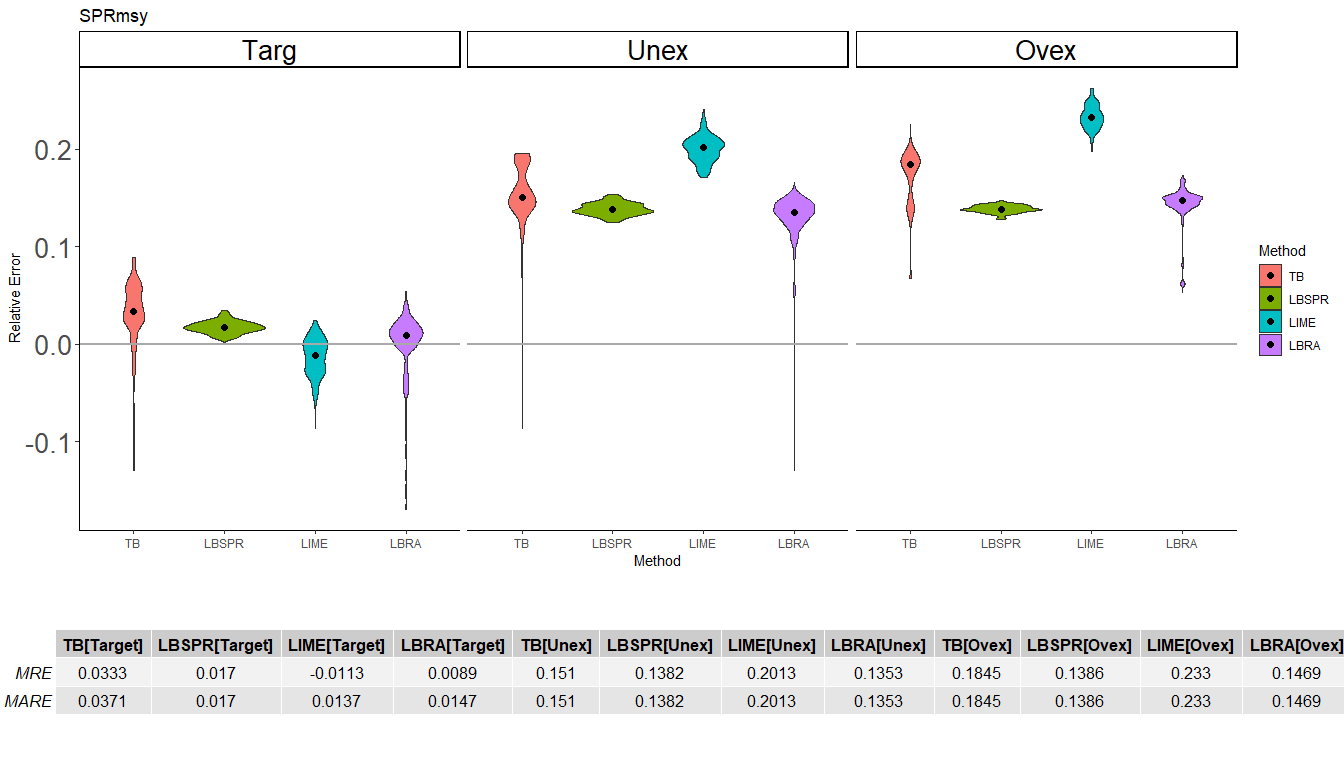
### FM



### Fmsy

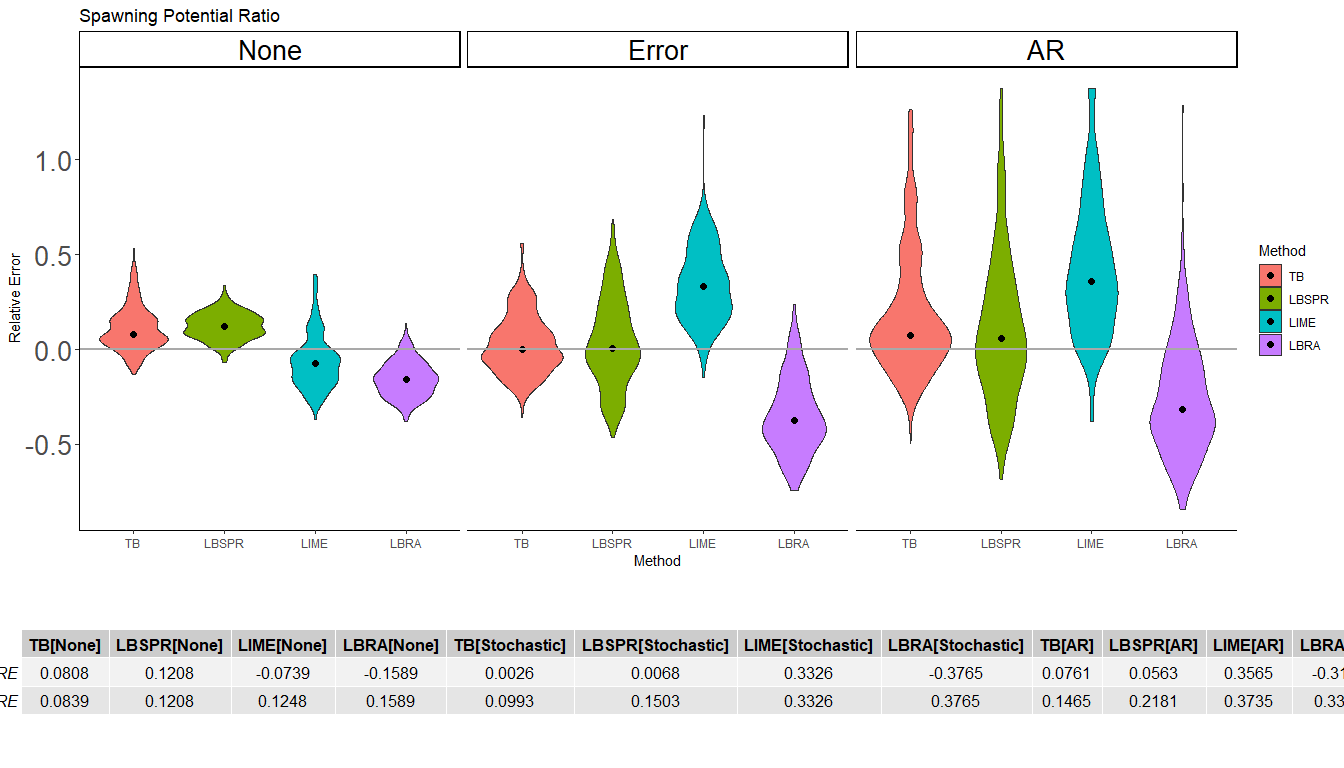


### SPRmsy

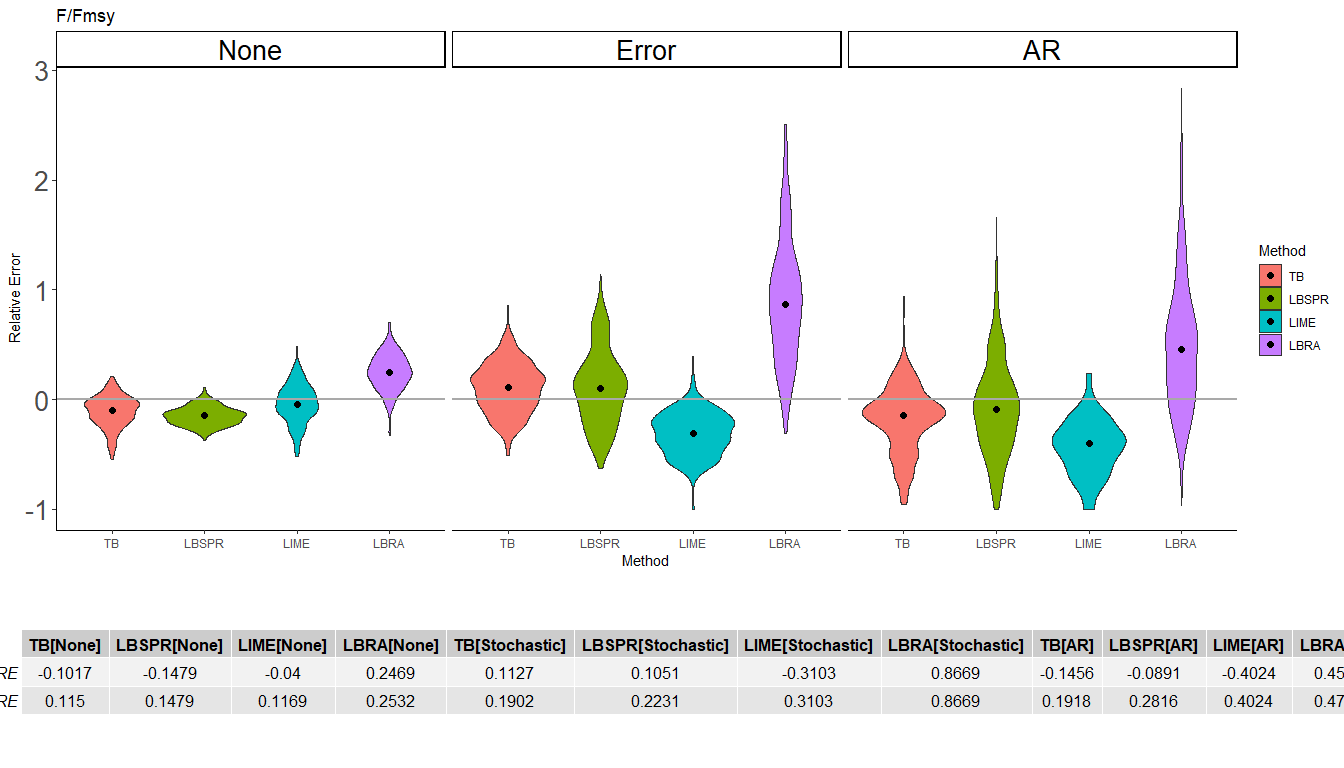


## Rec comparison

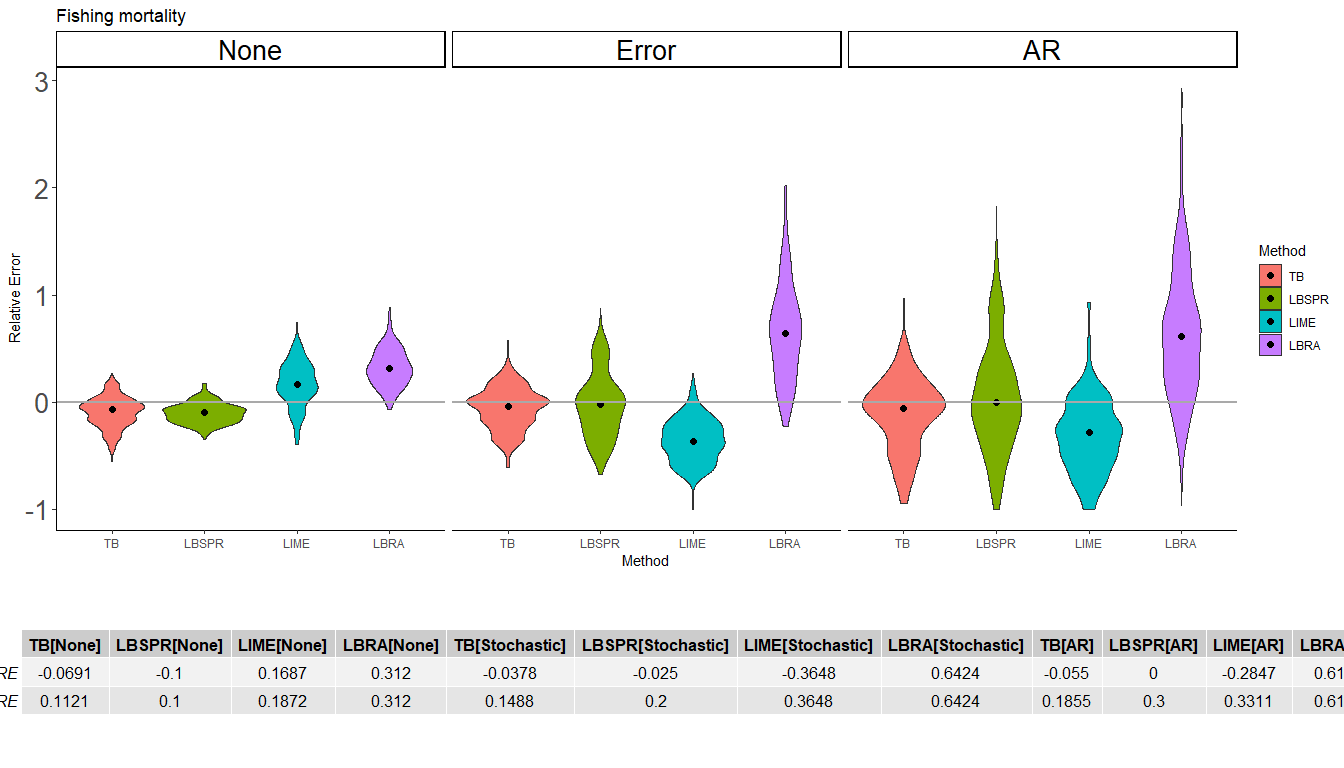
### SPR



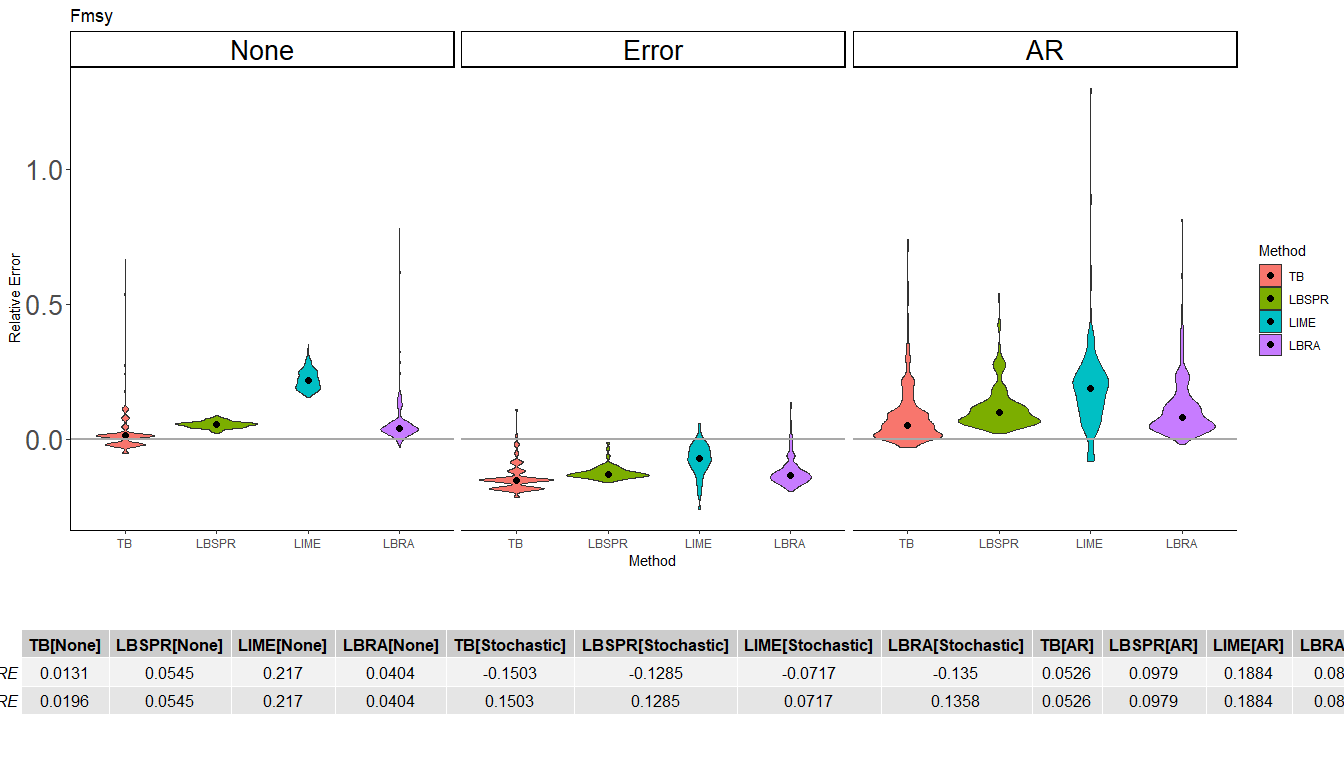
### FFmsy



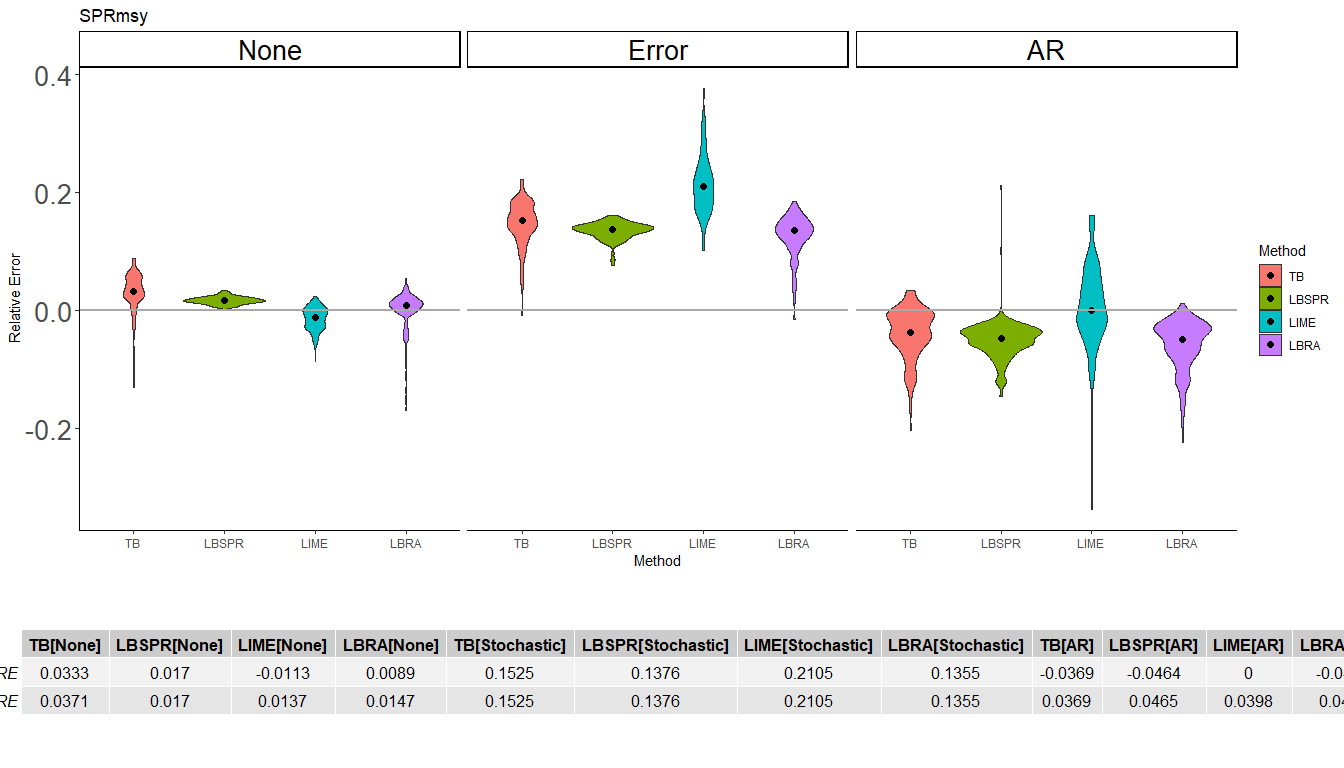
### FM



### Fmsy



### SPRmsy



## Tables

### SPR

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | Base | Short | Long | Targ | Unex | Ovex | None | Stochastic | AR |
| TB MRE | 0.0808 | 0.0163 | 0.0478 | 0.0808 | -0.0229 | 0.4380 | 0.0808 | 0.0026 | 0.0761 |
| LBSPR MRE | 0.1208 | 0.1879 | 0.1024 | 0.1208 | 0.0813 | 0.2433 | 0.1208 | 0.0068 | 0.0563 |
| LIME MRE | -0.0739 | -0.1558 | 0.0088 | -0.0739 | 0.0396 | 1.2122 | -0.0739 | 0.3326 | 0.3565 |
| LBRA MRE | -0.1589 | 0.0576 | -0.2132 | -0.1589 | -0.3499 | -0.2359 | -0.1589 | -0.3765 | -0.3149 |
| TB MARE | 0.0839 | 0.0434 | 0.0725 | 0.0839 | 0.0663 | 0.4380 | 0.0839 | 0.0993 | 0.1465 |
| LBSPR MARE | 0.1208 | 0.1879 | 0.1024 | 0.1208 | 0.0821 | 0.2433 | 0.1208 | 0.1503 | 0.2181 |
| LIME MARE | 0.1248 | 0.1721 | 0.0572 | 0.1248 | 0.0932 | 1.2122 | 0.1248 | 0.3326 | 0.3735 |
| LBRA MARE | 0.1589 | 0.0734 | 0.2132 | 0.1589 | 0.3499 | 0.2359 | 0.1589 | 0.3765 | 0.3391 |

### FFmsy

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | Base | Short | Long | Targ | Unex | Ovex | None | Stochastic | AR |
| TB MRE | -0.1017 | 0.0905 | -0.0235 | -0.1017 | 0.2804 | -0.0090 | -0.1017 | 0.1127 | -0.1456 |
| LBSPR MRE | -0.1479 | 0.1890 | -0.1107 | -0.1479 | -0.0215 | 0.0956 | -0.1479 | 0.1051 | -0.0891 |
| LIME MRE | -0.0400 | 1.2295 | -0.0912 | -0.0400 | 0.0650 | -0.3733 | -0.0400 | -0.3103 | -0.4024 |
| LBRA MRE | 0.2469 | -0.0665 | 0.3428 | 0.2469 | 1.4841 | 0.5045 | 0.2469 | 0.8669 | 0.4521 |
| TB MARE | 0.1150 | 0.0975 | 0.0919 | 0.1150 | 0.2959 | 0.0672 | 0.1150 | 0.1902 | 0.1918 |
| LBSPR MARE | 0.1479 | 0.1890 | 0.1107 | 0.1479 | 0.1452 | 0.0956 | 0.1479 | 0.2231 | 0.2816 |
| LIME MARE | 0.1169 | 1.2295 | 0.0932 | 0.1169 | 0.2385 | 0.3733 | 0.1169 | 0.3103 | 0.4024 |
| LBRA MARE | 0.2532 | 0.0981 | 0.3428 | 0.2532 | 1.4841 | 0.5045 | 0.2532 | 0.8669 | 0.4724 |

### FM

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | Base | Short | Long | Targ | Unex | Ovex | None | Stochastic | AR |
| TB MRE | -0.0691 | 0.1232 | -0.0448 | -0.0691 | 0.0884 | -0.1783 | -0.0691 | -0.0378 | -0.0550 |
| LBSPR MRE | -0.1000 | -0.1400 | -0.0880 | -0.1000 | -0.1500 | -0.0446 | -0.1000 | -0.0250 | 0.0000 |
| LIME MRE | 0.1687 | 4.4437 | -0.0331 | 0.1687 | -0.0035 | -0.4337 | 0.1687 | -0.3648 | -0.2847 |
| LBRA MRE | 0.3120 | 0.1098 | 0.3791 | 0.3120 | 1.1519 | 0.2885 | 0.3120 | 0.6424 | 0.6126 |
| TB MARE | 0.1121 | 0.1232 | 0.0905 | 0.1121 | 0.1745 | 0.1783 | 0.1121 | 0.1488 | 0.1855 |
| LBSPR MARE | 0.1000 | 0.1400 | 0.0880 | 0.1000 | 0.1500 | 0.0446 | 0.1000 | 0.2000 | 0.3000 |
| LIME MARE | 0.1872 | 4.4437 | 0.0817 | 0.1872 | 0.2268 | 0.4337 | 0.1872 | 0.3648 | 0.3311 |
| LBRA MARE | 0.3120 | 0.1265 | 0.3791 | 0.3120 | 1.1519 | 0.2885 | 0.3120 | 0.6424 | 0.6179 |

### Fmsy

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | Base | Short | Long | Targ | Unex | Ovex | None | Stochastic | AR |
| TB MRE | 0.0131 | 0.0217 | 0.0063 | 0.0131 | -0.1503 | -0.1830 | 0.0131 | -0.1503 | 0.0526 |
| LBSPR MRE | 0.0545 | -0.2767 | 0.0255 | 0.0545 | -0.1284 | -0.1294 | 0.0545 | -0.1285 | 0.0979 |
| LIME MRE | 0.2170 | 1.4491 | 0.0553 | 0.2170 | -0.0605 | -0.0979 | 0.2170 | -0.0717 | 0.1884 |
| LBRA MRE | 0.0404 | 0.1874 | 0.0229 | 0.0404 | -0.1352 | -0.1493 | 0.0404 | -0.1350 | 0.0809 |
| TB MARE | 0.0196 | 0.0307 | 0.0063 | 0.0196 | 0.1503 | 0.1830 | 0.0196 | 0.1503 | 0.0526 |
| LBSPR MARE | 0.0545 | 0.2767 | 0.0255 | 0.0545 | 0.1284 | 0.1294 | 0.0545 | 0.1285 | 0.0979 |
| LIME MARE | 0.2170 | 1.4491 | 0.0553 | 0.2170 | 0.0605 | 0.0979 | 0.2170 | 0.0717 | 0.1884 |
| LBRA MARE | 0.0404 | 0.1874 | 0.0229 | 0.0404 | 0.1353 | 0.1493 | 0.0404 | 0.1358 | 0.0809 |