Table 1. Model parameterization

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| Term | Parameter Value | Definitions |
|  | 0.1 | survival, species 1 juvenile |
|  | 0.5 | natural mortality, species 1 adult |
|  | 0.001 | cannibalism, species 1 |
|  | 0.5 | predation by species 2 on species 1 |
|  | 0.003 | juvenile competition |
|  | 1 | rate at which species 1 juveniles enter FA\* |
|  |  | rate at which species 1 juveniles leave FA |
|  | 0-2000 | stocking, species 1 |
|  | 0-8 | harvest rate, species 1 |
|  | 0.1 | survival, species 2 juvenile |
|  | 0.5 | natural mortality, species 2 adult |
|  | 0.001 | cannibalism, species 2 |
|  | 0.001 | predation by species 1 on species 2 |
|  | 0.3 | juvenile competition |
|  | 1 | rate at which species 2 juveniles enter FA |
|  |  | rate at which species 2 juveniles leave FA |
|  | 0-2000 | stocking, species 2 |
|  | 0-8 | harvest rate, species 2 |

\*foraging arena