|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Occ. Prob.** | **Det. Prob.** | **Covariate Effect Values** | | | **Covariate Values** | | | **Structure(s) Observed** |
| **Fixed** | **Fixed** | **Dist.** | **Mean (High)** | **SD (Low)** | **Dist.** | **Mean (High)** | **SD (Low)** |
| 0.6 | 0.7 | Fixed | 0 | - | Normal | 0 | 1 | Random |
| 0.6 | 0.7 | Fixed | 0 | - | Normal | 0 | 5 | Random |
| 0.6 | 0.7 | Fixed | 0 | - | Uniform | -1 | -1 | Random |
| 0.6 | 0.7 | Fixed | 0 | - | Uniform | -4 | 4 | Random |
| 0.6 | 0.7 | Normal | 0 | 0.5 | Normal | 0 | 1 | Random |
| 0.6 | 0.7 | Normal | 0 | 0.5 | Normal | 0 | 5 | **Gleasonian**/Clementsian |
| 0.6 | 0.7 | Normal | 0 | 0.5 | Uniform | -1 | -1 | Random |
| 0.6 | 0.7 | Normal | 0 | 0.5 | Uniform | -4 | 4 | Random/Clementsian/Gleasonian/Quasi-Clementsian |
| 0.6 | 0.7 | Normal | 0 | 1 | Normal | 0 | 1 | **Random**/Clementsian |
| 0.6 | 0.7 | Normal | 0 | 1 | Normal | 0 | 5 | Clementsian |
| 0.6 | 0.7 | Normal | 0 | 1 | Uniform | -1 | -1 | Random |
| 0.6 | 0.7 | Normal | 0 | 1 | Uniform | -4 | 4 | Clementsian |
| 0.6 | 0.7 | Uniform | -1 | 1 | Normal | 0 | 1 | Random |
| 0.6 | 0.7 | Uniform | -1 | 1 | Normal | 0 | 5 | **Clementsian**/Gleasonian |
| 0.6 | 0.7 | Uniform | -1 | 1 | Uniform | -1 | -1 | Random |
| 0.6 | 0.7 | Uniform | -1 | 1 | Uniform | -4 | 4 | Clementsian/Gleasonian |
| 0.6 | 0.7 | Uniform | -3 | 3 | Normal | 0 | 1 | Clementsian |
| 0.6 | 0.7 | Uniform | -3 | 3 | Normal | 0 | 5 | Clementsian |
| 0.6 | 0.7 | Uniform | -3 | 3 | Uniform | -1 | -1 | Random/Clementsian |
| 0.6 | 0.7 | Uniform | -3 | 3 | Uniform | -4 | 4 | Clementsian |

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Occ. Prob.** | **Det. Prob.** | **Covariate Effect Values** | | | **Covariate Values** | | | **Structure(s) Observed** |
| **Fixed** | **Fixed** | **Dist** | **Mean (High)** | **SD (Low)** | **Dist** | **Mean (High)** | **SD (Low)** |
| 0.6 | 0.7 | Uniform | -1 | 1 | Normal | 2 | 1 | Random/Nested/Quasi-Nested/Quasi-Clementsian |
| 0.6 | 0.7 | Uniform | -1 | 1 | Normal | 5 | 2 | Random/Quasi-Nested/Nested |
| 0.6 | 0.7 | Uniform | -1 | 1 | Uniform | 0 | 3 | Random/Nested/Quasi-Nested/Quasi-Clementsian |
| 0.6 | 0.7 | Uniform | -1 | 1 | Uniform | 0 | 10 | Quasi-Nested/Nested |
| 0.6 | 0.7 | Uniform | -3 | 3 | Normal | 2 | 1 | Quasi-Nested/Nested |
| 0.6 | 0.7 | Uniform | -3 | 3 | Normal | 5 | 2 | Random |
| 0.6 | 0.7 | Uniform | -3 | 3 | Uniform | 0 | 3 | **Nested**/Quasi-Nested/Quasi-Clementsian |
| 0.6 | 0.7 | Uniform | -3 | 3 | Uniform | 0 | 10 | **Quasi-Nested**/Random |