**SUPPLEMENTAL TABLE S1**. An example of the determination of the old growth structure index (OGSI), in this case for the mountain hemlock biophysical setting. Yellow indicates the trees per acre (TPA) categories within 5% of the bin with the highest success rate. Blue indicates the TPA categories with ≥90% of the OGGSI\_80 covered. Red indicates the lowest sum of commission (where t is not 0%) and omission (0 is not t%); in the case of ties the lowest TPA category is selected.

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Vegetation Zone | Diameter Limit | Trees per Acre Limit | Total | Total Old Growth | Success Rate | t\_not\_o% | o\_not\_t% | Old Growth Percent |
| Mountain Hemlock | 20 | 1 | 8 491 406 | 5 274 330 | 0.85 | 15 | 0 | 100 |
| Mountain Hemlock | 20 | 8 | 8 491 406 | 5 274 330 | 0.92 | 5 | 4 | 94 |
| Mountain Hemlock | 20 | 10 | 8 491 406 | 5 274 330 | 0.92 | 4 | 5 | 93 |
| Mountain Hemlock | 20 | 12 | 8 491 406 | 5 274 330 | 0.91 | 3 | 6 | 91 |
| Mountain Hemlock | 20 | 15 | 8 491 406 | 5 274 330 | 0.89 | 2 | 8 | 87 |
| Mountain Hemlock | 20 | 20 | 8 491 406 | 5 274 330 | 0.85 | 1 | 13 | 79 |