Data

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Row | Feature\_1 | Feature\_2 | Feature\_3 | Feature\_4 | Feature\_5 | … | Feature\_n |
| 0 |  |  |  |  |  |  |  |
| 1 |  |  |  |  |  |  |  |
| 2 |  |  |  |  |  |  |  |
| 3 |  |  |  |  |  |  |  |
| 4 |  |  |  |  |  |  |  |
| : |  |  |  |  |  |  |  |
| n |  |  |  |  |  |  |  |

Out of Band (OOB)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Row | Tree1 | Tree2 | Tree3 | **OOB score** |
| 0 | X | X | O | **OOB\_0=T1(Row 0)+T2(Row 0)/2** |
| 1 | O | X | O | **OOB\_1=T2(Row 1)** |
| 2 | O | O | O | **---** |
| 3 | O | O | X | **OOB\_3=T3(Row 3)** |
| 4 | O | X | O | **OOB\_4=T2(Row 4)** |
| n | X | O | X | **OOB\_n=T1(Row n)+T3(Row n)/2** |
| Average OOB=(OOB\_0 + OOB\_1 + OOB\_3 + OOB\_4 + OOB\_n)/5 | | | | |

X=not used to train

O=Used to train

OOB score calculated for each row using Trees that did not train with the row

Average OOB score is the average of all row scores