**S1 Table**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Primary Breast Cancer Characteristics (TMA)** | | | | | | |
| **Variable** | **Analyzable cases (n)** | **AR** | | | | **p†** |
|  |  | **Positive (n)** | | **Negative (n)** | |  |
| **Age** | 197 | 55 | | 52 | | 0.0674 |
| **Total Patients** | 197 | 100 | | 97 | | 0.8311 |
| **ER +** | 43 | 32 | | 11 | | <0.0001 |
| **PR +** | 33 | 23 | | 10 | | 0.0036 |
| **Her2 +** | 33 | 30 | | 3 | | <0.0001 |
| **TNBC** | **143** | **49** | | **94** | | **<0.0001** |
| **Stage1** | 65 | 35 | | 30 | | 0.5447 |
| **Stage 2** | 83 | 34 | | 49 | | 0.0194 |
| **Stage3 and above** | 38 | 24 | | 14 | | 0.0888 |
| **Stratified by Race** | | | | | | |
| **Variable** | **Analyzable cases (n)** | **AA** | | **CA** | | **p†** |
|  |  | **AR+** | **AR-** | **AR+** | **AR-** |  |
| **Age** | 197 | 53 | 52 | 56 | 53 | 0.0533 |
| **Total Patients** | 197 | 38 | 36 | 62 | 61 | 0.8978 |
| **ER+** | 43 | 23 | 1 | 9 | 10 | 0.0004 |
| **PR+** | 33 | 17 | 1 | 6 | 9 | 0.0015 |
| **Her2+** | 33 | 29 | 3 | 1 | 0 | 1 |
| **TNBC** | **143** | **6** | **33** | **43** | **61** | **0.0036** |
| **Stage1** | 65 | 3 | 3 | 32 | 27 | 1 |
| **Stage 2** | 83 | 20 | 25 | 14 | 24 | 0.4829 |
| **Stage3 and above** | 38 | 15 | 8 | 9 | 6 | 1 |