Tabel 4.12. Pengujian Akurasi

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **No.** | **Harga CPO (Rp/kg)** | **Harga IKS (Rp/kg)** | **Indeks K (%)** | **Rendemen CPO (%)** | **Rendemen IKS (%)** | $$A\_{t}$$**Hasil Studi Kasus (Rp/kg)** | $$F\_{t}$$**Hasil Sistem (Rp/kg)** | **Error** | $$\frac{\left|A\_{t}-F\_{t} \right|}{\left|A\_{t}\right|}x 100\%$$ |
| 1 | 7472.89 | 5756.87 | 86.35 | 20.69 | 4.77 | 1572.00 | 1565.00 | 7 | 0.44529 |
| 2 | 7010.25 | 4032.73 | 78.05 | 18.50 | 4.10 | 1141.00 | 1502.00 | 361 | 31.63891 |
| 3 | 6411.24 | 4630.00 | 77.73 | 19.91 | 4.75 | 1163.00 | 1568.00 | 405 | 34.82373 |
| 4 | 6886.01 | 3810.62 | 82.20 | 21.32 | 5.00 | 1377.00 | 1413.00 | 36 | 2.61438 |
| 5 | 8028.89 | 6985.43 | 87.22 | 19.91 | 4.75 | 1684.00 | 1619.00 | 65 | 3.85986 |
| 6 | 6721.09 | 3715.61 | 80.14 | 20.90 | 5.00 | 1275.00 | 1384.00 | 109 | 8.54902 |
| 7 | 6682.60 | 3953.94 | 80.11 | 21.62 | 5.02 | 1316.00 | 1383.00 | 67 | 5.09119 |
| 8 | 6061.19 | 4458.58 | 80.09 | 20.90 | 5.00 | 1194.00 | 1384.00 | 190 | 15.91290 |
| 9 | 7098.03 | 6196.36 | 82.57 | 20.69 | 4.77 | 1457.00 | 1421.00 | 36 | 2.47083 |
| 10 | 6718.46 | 4758.72 | 81.23 | 19.29 | 4.21 | 1216.00 | 1399.00 | 183 | 15.04934 |
| 11 | 8161.87 | 8494.44 | 87.29 | 20.69 | 4..77 | 1828.00 | 1651.00 | 177 | 9.68271 |
| 12 | 6933.79 | 5507.57 | 83.16 | 21.62 | 5.02 | 1477.00 | 1436.00 | 41 | 2.77590 |
| 13 | 6770.00 | 4570.00 | 78.82 | 19.91 | 4.75 | 1189.00 | 1898.00 | 709 | 59.62994 |
| 14 | 7460.97 | 4580.80 | 79.58 | 18.50 | 4.10 | 1248.00 | 1381.00 | 133 | 10.65705 |

Tabel 4.12. Lanjutan

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 15 | 6775.16 | 6196.40 | 79.40 | 19.29 | 4.21 | 1245.00 | 1380.00 | 135 | 10.84337 |
| 16 | 7239.08 | 5888.58 | 70.00 | 19.91 | 4.75 | 1205.00 | 618.00 | 587 | 48.71369 |
| 17 | 7261.80 | 4529.50 | 72.96 | 21.62 | 5.02 | 1311.00 | 988.00 | 323 | 24.63768 |
| 18 | 6848.16 | 5239.13 | 75.40 | 20.69 | 4.77 | 1315.00 | 1171.00 | 144 | 10.95057 |
| 19 | 6848.31 | 5246.72 | 75.83 | 19.29 | 4.21 | 1169.00 | 1215.00 | 46 | 3.93499 |
| 20 | 6157.27 | 3884.00 | 72.55 | 21.32 | 5.00 | 1093.00 | 959.00 | 134 | 12.25984 |
| 21 | 8337.44 | 5726.99 | 85.31 | 20.17 | 5.00 | 1679.00 | 1505.00 | 174 | 10.36331 |
| 22 | 7192.00 | 6064.00 | 84.11 | 20.04 | 5.00 | 1467.00 | 1466.00 | 1 | 0.06817 |
| 23 | 8002.25 | 5591.00 | 82.37 | 21.62 | 5.02 | 1656.00 | 1416.00 | 240 | 14.49275 |
| 24 | 7438.07 | 6514.00 | 84.85 | 19.89 | 5.00 | 1528.00 | 1476.00 | 52 | 3.40314 |
| 25 | 7505.72 | 5025.00 | 81.51 | 18.75 | 5.00 | 1352.00 | 1402.00 | 50 | 3.69822 |
| 26 | 7508.25 | 5487.04 | 81.88 | 20.69 | 4.77 | 1486.00 | 1407.00 | 79 | 5.31629 |
| 27 | 7988.74 | 6280.58 | 83.18 | 19.53 | 4.73 | 1545.00 | 1436.00 | 109 | 7.05502 |
| 28 | 6644.00 | 4327.53 | 83.34 | 20.69 | 4.77 | 1318.00 | 1441.00 | 123 | 9.33232 |
| 29 | 7178.42 | 6162.73 | 84.19 | 21.62 | 5.02 | 1567.00 | 1469.00 | 98 | 6.25399 |
| 30 | 8129.08 | 6226.94 | 87.47 | 19.53 | 4.73 | 1646.00 | 1651.00 | 5 | 0.30377 |
| 31 | 7066.35 | 4356.94 | 85.21 | 21.62 | 5.02 | 1488.00 | 1508.00 | 20 | 1.34409 |
| 32 | 8040.78 | 5547.75 | 85.65 | 21.32 | 5.00 | 1706.00 | 1525.00 | 181 | 10.60961 |

Tabel 4.12. Lanjutan

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 33 | 7081.55 | 5405.71 | 75.83 | 19.91 | 4.75 | 1264.00 | 1232.00 | 32 | 2.53165 |
| 34 | 7626.33 | 6683.59 | 84.84 | 18.50 | 4.10 | 1430.00 | 1484.00 | 54 | 3.77622 |
| 35 | 7610.80 | 5891.98 | 87.31 | 19.91 | 4.75 | 1558.00 | 1630.00 | 72 | 4.62131 |
| 36 | 6845.40 | 4268.36 | 83.50 | 17.86 | 3.96 | 1162.00 | 1446.00 | 284 | 24.44062 |
| 37 | 7508.25 | 5487.04 | 81.88 | 21.62 | 5.02 | 1555.00 | 1407.00 | 148 | 9.51768 |
| 38 | 5074.56 | 3719.58 | 81.15 | 19.29 | 4.21 | 921.00 | 1396.00 | 475 | 51.57438 |
| 39 | 8199.37 | 6175.32 | 85.98 | 18.50 | 4.10 | 1522.00 | 1553.00 | 31 | 2.03679 |
| 40 | 6555.13 | 4278.46 | 83.42 | 21.62 | 5.02 | 1361.00 | 1443.00 | 82 | 6.02498 |
| 41 | 6664.62 | 5856.59 | 70.10 | 18.50 | 4.10 | 1033.00 | 601.00 | 432 | 41.81994 |
| 42 | 6960.07 | 4772.95 | 70.06 | 19.29 | 4.21 | 1081.00 | 638.00 | 443 | 40.98057 |
| 43 | 6693.62 | 5888.59 | 70.18 | 21.32 | 5.00 | 1208.00 | 609.00 | 599 | 49.58609 |
| 44 | 6989.07 | 4804.95 | 70.00 | 17.86 | 3.96 | 1007.00 | 623.00 | 384 | 38.13307 |
| 45 | 7239.08 | 5829.50 | 70.01 | 17.86 | 3.96 | 1067.00 | 589.00 | 478 | 44.79850 |
| 46 | 7239.08 | 5888.58 | 70.00 | 17.86 | 3.96 | 1068.00 | 588.00 | 480 | 44.94382 |
| 47 | 7239.08 | 5479.49 | 71.03 | 17.86 | 3.96 | 1072.00 | 761.00 | 311 | 29.01119 |
| 48 | 7261.80 | 4529.50 | 73.06 | 19.53 | 4.73 | 1193.00 | 1020.00 | 173 | 14.50126 |
| 49 | 7261.80 | 4570.40 | 73.02 | 21.62 | 5.02 | 1314.00 | 1000.00 | 314 | 23.89650 |
| 50 | 6848.16 | 5239.13 | 75.41 | 19.53 | 4.73 | 1195.00 | 1181.00 | 14 | 1.17155 |

Tabel 4.12. Lanjutan

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 51 | 6848.31 | 5237.63 | 75.55 | 19.29 | 4.21 | 1165.00 | 1183.00 | 18 | 1.54506 |
| 52 | 6848.31 | 5237.63 | 75.70 | 21.32 | 5.00 | 1304.00 | 1195.00 | 109 | 8.35890 |
| 53 | 6974.45 | 5193.63 | 75.02 | 21.62 | 5.02 | 1327.00 | 1139.00 | 188 | 14.16729 |
| 54 | 6848.31 | 5246.31 | 75.83 | 20.69 | 4.77 | 1264.00 | 1206.00 | 58 | 4.58861 |
| 55 | 6950.45 | 5026.00 | 75.93 | 19.91 | 4.75 | 1232.00 | 1245.00 | 13 | 1.05519 |
| 56 | 5826.23 | 3358.37 | 84.18 | 20.90 | 5.00 | 1166.00 | 1467.00 | 301 | 25.81475 |
| 57 | 5969.17 | 4090.91 | 85.42 | 21.62 | 5.02 | 1278.00 | 1487.00 | 209 | 16.35368 |
| 58 | 6966.13 | 4705.00 | 85.47 | 21.62 | 5.02 | 1489.00 | 1497.00 | 8 | 0.53727 |
| 59 | 7097.64 | 4705.00 | 85.51 | 20.17 | 5.00 | 1425.00 | 1498.00 | 73 | 5.12281 |
| 60 | 8179.20 | 6090.99 | 85.26 | 18.75 | 5.00 | 1567.00 | 1516.00 | 51 | 3.25463 |
| 61 | 7427.40 | 5949.99 | 84.23 | 20.04 | 5.00 | 1504.00 | 1469.00 | 35 | 2.32713 |
| 62 | 8222.20 | 6063.99 | 83.48 | 21.62 | 5.02 | 1738.00 | 1445.00 | 293 | 16.85846 |
| 63 | 8217.33 | 6063.99 | 82.55 | 20.17 | 5.00 | 1619.00 | 1420.00 | 199 | 12.29154 |
| 64 | 7335.60 | 6272.99 | 82.46 | 20.04 | 5.00 | 1471.00 | 1419.00 | 52 | 3.53501 |
| 65 | 8272.61 | 6860.99 | 83.14 | 18.75 | 5.00 | 1575.00 | 1435.00 | 140 | 8.88889 |
| 66 | 8668.61 | 8199.99 | 83.95 | 21.62 | 5.02 | 1919.00 | 1461.00 | 458 | 23.86660 |
| 67 | 8435.41 | 9194.99 | 84.27 | 20.04 | 5.00 | 1812.00 | 1470.00 | 342 | 18.87417 |
| 68 | 8565.00 | 6440.00 | 83.38 | 18.75 | 5.00 | 1607.00 | 1442.00 | 165 | 10.26758 |

Tabel 4.12. Lanjutan

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 69 | 7285.68 | 5591.00 | 81.75 | 20.04 | 5.00 | 1422.00 | 1406.00 | 16 | 1.12518 |
| 70 | 7810.72 | 5591.00 | 82.28 | 20.17 | 5.00 | 1526.00 | 1418.00 | 108 | 7.07733 |
| 71 | 6775.16 | 6196.40 | 79.40 | 18.50 | 4.10 | 1197.00 | 1380.00 | 183 | 15.28822 |
| 72 | 6701.04 | 5146.80 | 79.68 | 19.91 | 4.75 | 1258.00 | 1381.00 | 123 | 9.77742 |
| 73 | 7138.04 | 5146.81 | 77.13 | 17.86 | 3.96 | 1140.00 | 1413.00 | 273 | 23.94737 |
| 74 | 7181.12 | 4672.58 | 78.54 | 19.91 | 4.75 | 1297.00 | 1799.00 | 502 | 38.70470 |
| 75 | 7010.31 | 4032.77 | 77.85 | 19.91 | 4.75 | 1236.00 | 1597.00 | 361 | 29.20712 |
| 76 | 7010.47 | 4032.73 | 77.52 | 20.69 | 4.77 | 1274.00 | 1406.00 | 132 | 10.36107 |
| 77 | 7010.47 | 4032.73 | 78.86 | 19.29 | 4.21 | 1200.00 | 1852.00 | 652 | 54.33333 |
| 78 | 5863.27 | 3170.60 | 72.51 | 19.53 | 4.73 | 939.00 | 990.00 | 51 | 5.43131 |
| 79 | 6298.01 | 0 | 76.76 | 21.32 | 5.00 | 1031.00 | 1317.00 | 286 | 27.74006 |
| 80 | 6531.92 | 0 | 74.68 | 21.62 | 5.02 | 1055.00 | 1111.00 | 56 | 5.30806 |
| 81 | 6497.91 | 0 | 71.99 | 20.69 | 4.77 | 968.00 | 851.00 | 117 | 12.08678 |
| 82 | 8096.08 | 7604.29 | 85.94 | 20.69 | 4.77 | 1751.00 | 1520.00 | 231 | 13.19246 |
| 83 | 7348.02 | 4667.29 | 84.65 | 19.29 | 4.21 | 1366.00 | 1473.00 | 107 | 7.83309 |
| 84 | 7189.73 | 4342.45 | 85.05 | 19.91 | 4.75 | 1393.00 | 1483.00 | 90 | 6.46088 |
| 85 | 6874.01 | 4522.19 | 79.65 | 18.50 | 4.10 | 1161.00 | 1381.00 | 220 | 18.94918 |
| 86 | 7775.73 | 5322.00 | 85.27 | 20.69 | 4.77 | 1588.00 | 1481.00 | 107 | 6.73804 |

Tabel 4.12. Lanjutan

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 87 | 7963.03 | 7050.71 | 86.59 | 19.91 | 4.75 | 1663.00 | 1561.00 | 102 | 6.13349 |
| 88 | 7178.42 | 6162.73 | 84.19 | 21.32 | 5.00 | 1548.00 | 1469.00 | 79 | 5.10336 |
| 89 | 7721.76 | 5657.77 | 87.77 | 21.62 | 5.02 | 1715.00 | 1689.00 | 26 | 1.51603 |
| 90 | 7518.78 | 4905.82 | 87.63 | 19.91 | 4.73 | 1516.00 | 1669.00 | 153 | 10.09235 |
| 91 | 7556.47 | 4465.67 | 87.93 | 21.32 | 5.00 | 1613.00 | 1724.00 | 111 | 6.88159 |
| 92 | 6525.33 | 4196.28 | 84.21 | 20.69 | 4.77 | 1305.00 | 1470.00 | 165 | 12.64368 |
| 93 | 6555.13 | 4278.46 | 83.42 | 19.91 | 4.75 | 1258.00 | 1443.00 | 185 | 14.70588 |
| 94 | 6239.41 | 4221.63 | 70.63 | 19.29 | 4.21 | 976.00 | 734.00 | 242 | 24.79508 |
| 95 | 6297.44 | 3717.86 | 70.47 | 19.53 | 4.73 | 991.00 | 723.00 | 268 | 27.04339 |
| 96 | 7715.63 | 5000.00 | 81.29 | 20.04 | 5.00 | 1460.00 | 1400.00 | 60 | 4.10959 |
| 97 | 7710.11 | 4886.00 | 81.54 | 19.89 | 5.00 | 1450.00 | 1404.00 | 46 | 3.17241 |
| 98 | 7473.77 | 6636.00 | 81.33 | 19.89 | 5.00 | 1479.00 | 1400.00 | 79 | 5.34145 |
| 99 | 7678.73 | 6636.00 | 81.69 | 18.75 | 5.00 | 1447.00 | 1406.00 | 41 | 2.83345 |
| 100 | 7797.16 | 6982.00 | 84.71 | 19.89 | 5.00 | 1609.00 | 1467.00 | 142 | 8.82536 |