Appendix 2 Appendix2 Table 2. Abnormal POs on workstation Conwip2_6_2 detected by the Aggregated Model of Anomaly Detection

| ID PO | $T^{E}_{(1)}_{(PO,WS_i)}$ | $Median\left(T_{(PO,WS_i)}^E\right)$ | $T^{E}_{(K)}{}_{(PO,WS_i)}$ | $T^R_{(PO,WS_i)}$ | $E_{(1)_{(PO,WS_i)}}$ | Median $(E_{(PO,WS_i)})$ | $E_{(K)_{(PO,WS_i)}}$ | $f(IEV_{(PO,WS_i)})$ |
|-------|---------------------------|--------------------------------------|-----------------------------|-------------------|-----------------------|--------------------------|-----------------------|----------------------|
| | (h) | (h) | (h) | (h) | (h) | (h) | (h) | |
| 885 | 74.0 | 74.0 | 74.0 | 71.0 | 0.04 | 0.09 | 0.02 | 0 |
| 453 | 89.75 | 67.6 | 41.1 | 23.0 | 0.02 | 0.07 | 0.09 | 0 |
| 090 | 2.5 | 61.12 | 69.0 | 1.0 | 0.04 | 0.04 | 0.1 | 0 |
| 087 | 47.75 | 68.5 | 70.8 | 5.0 | 0.03 | 0.02 | 0.05 | 0 |
| 317 | 29.0 | 67.5 | 49.9 | 24.1 | 0.07 | 0.07 | 0.02 | 0 |
| 318 | 44.75 | 92.0 | 51.6 | 24.1 | 0.06 | 0.08 | 0.09 | 0 |
| 319 | 116.75 | 99.5 | 94.3 | 4.0 | 0.05 | 0.03 | 0.06 | 0 |
| 320 | 69.75 | 71.62 | 95.9 | 4.0 | 0.04 | 0.0 | 0.02 | 0 |
| 109 | 90.25 | 113.95 | 116.3 | 43.0 | 0.1 | 0.09 | 0.02 | 0 |
| 140 | 19.0 | 74.9 | 74.9 | 68.9 | 49.9 | 0.05 | 0.06 | 0 |
| 142 | 5.75 | 168.33 | 25.9 | 22.1 | 16.35 | 0.07 | 0.08 | 0 |
| 144 | 22.75 | 167.33 | 43.6 | 22.1 | 0.08 | 0.1 | 0.06 | 0 |
| 147 | 69.5 | 69.5 | 25.6 | 24.0 | 0.03 | 0.04 | 0.05 | 0 |
| 150 | 72.0 | 171.0 | 46.9 | 22.1 | 0.05 | 0.02 | 0.02 | 0 |
| 152 | 25.25 | 187.0 | 48.6 | 22.1 | 0.09 | 0.06 | 0.09 | 0 |
| 139 | 2.25 | 104.5 | 64.6 | 17.0 | 14.75 | 0.08 | 0.07 | 0 |
| 149 | 168.0 | 52.0 | 50.3 | 52.1 | 0.08 | 0.1 | 1.8 | 0 |
| 938 | 192.0 | 51.3 | 51.3 | 57.0 | 0.09 | 5.7 | 5.7 | 0 |
| 939 | 1.5 | 49.0 | 52.9 | 57.0 | 55.5 | 8.0 | 4.1 | 0 |
| 946 | 17.0 | 47.48 | 70.6 | 57.0 | 40.0 | 9.52 | 0.09 | 0 |
| 947 | 17.75 | 47.67 | 72.3 | 57.0 | 39.25 | 9.33 | 0.07 | 0 |
| 078 | 51.6 | 72.4 | 73.9 | 57.0 | 5.4 | 0.09 | 0.01 | 0 |
| 145 | 142.0 | 167.5 | 167.0 | 9.0 | 0.01 | 0.02 | 0.03 | 0 |
| 146 | 25.5 | 189.67 | 174.33 | 9.0 | 0.03 | 0.03 | 0.04 | 0 |
| 148 | 70.5 | 191.0 | 239.0 | 9.0 | 0.06 | 0.05 | 0.09 | 0 |
| 153 | 188.67 | 188.67 | 188.67 | 9.0 | 0.05 | 0.02 | 0.09 | 0 |
| 154 | 186.67 | 240.0 | 240.0 | 9.0 | 0.01 | 0.02 | 0.08 | 0 |
| 767 | 1.25 | 20.0 | 54.1 | 51.0 | 49.75 | 31.0 | 0.07 | 0 |
| 141 | 120.0 | 125.33 | 95.4 | 24.0 | 0.09 | 0.08 | 0.01 | 0 |
| 143 | 21.5 | 122.83 | 88.1 | 15.0 | 0.08 | 0.02 | 0.04 | 0 |
| 505 | 2.33 | 3.67 | 139.67 | 2.0 | 0.08 | 0.06 | 0.07 | 0 |
| 507 | 3.0 | 28.67 | 142.33 | 2.0 | 0.04 | 0.0 | 0.09 | 0 |
| 258 | 2.33 | 96.0 | 172.0 | 5.0 | 2.67 | 0.05 | 0.05 | 0 |
| 263 | 93.9 | 93.9 | 95.3 | 100.0 | 6.1 | 6.1 | 4.7 | 0 |
| 227 | 191.0 | 144.0 | 19.9 | 16.0 | 0.04 | 0.07 | 0.1 | 0 |
| 231 | 238.67 | 96.0 | 42.6 | 16.0 | 0.08 | 0.09 | 0.06 | 0 |
| 387 | 20.33 | 75.0 | 66.9 | 16.0 | 0.04 | 0.04 | 0.04 | 0 |
| 372 | 22.0 | 72.33 | 24.9 | 22.0 | 0.0 | 0.06 | 0.06 | 0 |
| 503 | 17.0 | 17.67 | 115.6 | 99.0 | 82.0 | 81.33 | 0.01 | 0 |

| ID PO | $T^{E}_{(1)}_{(PO,WS_i)}$ | $Median\left(T_{(PO,WS_i)}^E\right)$ | $T^{E}_{(K)}{}_{(PO,WS_i)}$ | $T^{R}_{(PO,WS_i)}$ | $E_{(1)_{(PO,WS_i)}}$ | $Median\left(E_{(PO,WS_i)}\right)$ | $E_{(K)_{(PO,WS_i)}}$ | $f(IEV_{(PO,WS_i)})$ |
|-------|---------------------------|--------------------------------------|-----------------------------|---------------------|-----------------------|------------------------------------|-----------------------|----------------------|
| | (h) | (h) | (h) | (h) | (h) | (h) | (h) | |
| 504 | 1.25 | 17.67 | 117.3 | 99.0 | 97.75 | 81.33 | 0.01 | 1 |
| 323 | 65.0 | 17.67 | 114.0 | 5.0 | 0.02 | 0.03 | 0.02 | 0 |
| 324 | 1.25 | 1.67 | 94.67 | 5.0 | 3.75 | 3.33 | 0.09 | 0 |
| 321 | 1.25 | 19.67 | 114.0 | 6.0 | 4.75 | 0.08 | 0.09 | 0 |
| 322 | 1.25 | 1.67 | 94.67 | 6.0 | 4.75 | 4.33 | 0.05 | 0 |
| 418 | 139.33 | 115.6 | 187.6 | 175.0 | 35.67 | 59.4 | 0.04 | 1 |
| 421 | 119.0 | 98.33 | 189.3 | 175.0 | 56.0 | 76.67 | 0.09 | 0 |
| 371 | 19.67 | 94.6 | 359.3 | 289.0 | 269.33 | 194.4 | 0.07 | 1 |
| 447 | 18.67 | 99.3 | 123.3 | 95.0 | 76.33 | 0.06 | 0.04 | 0 |
| 492 | 50.33 | 100.33 | 212.67 | 5.0 | 0.1 | 0.0 | 0.0 | 0 |
| 493 | 47.67 | 87.0 | 211.67 | 5.0 | 0.01 | 0.04 | 0.05 | 0 |
| 494 | 141.0 | 70.67 | 70.67 | 5.0 | 0.06 | 0.01 | 0.04 | 0 |
| 267 | 1.67 | 22.67 | 45.9 | 2.0 | 0.33 | 0.04 | 0.03 | 0 |
| 269 | 29.0 | 118.67 | 403.6 | 2.0 | 0.1 | 0.09 | 0.07 | 0 |
| 280 | 48.33 | 121.33 | 496.6 | 2.0 | 0.09 | 0.07 | 0.06 | 0 |
| 264 | 1.67 | 1.67 | 1.67 | 2.0 | 0.33 | 0.33 | 0.33 | 0 |
| 266 | 75.33 | 121.17 | 2.67 | 2.0 | 0.1 | 0.09 | 0.03 | 0 |
| 268 | 165.33 | 139.0 | 3.67 | 2.0 | 0.02 | 0.06 | 0.04 | 0 |
| 270 | 92.67 | 82.0 | 71.33 | 2.0 | 0.06 | 0.06 | 0.05 | 0 |
| 646 | 23.67 | 27.0 | 97.67 | 2.2 | 0.04 | 0.06 | 0.08 | 0 |
| 635 | 173.33 | 117.5 | 95.5 | 22.0 | 0.03 | 0.08 | 0.06 | 0 |
| 650 | 305.33 | 305.33 | 305.33 | 1.0 | 0.08 | 0.08 | 0.09 | 0 |
| 655 | 306.33 | 306.33 | 306.33 | 1.0 | 0.02 | 0.09 | 0.07 | 0 |
| 714 | 239.0 | 239.0 | 239.0 | 1.0 | 0.05 | 0.0 | 0.0 | 0 |
| 719 | 240.0 | 240.0 | 240.0 | 1.0 | 0.01 | 0.01 | 0.07 | 0 |
| 720 | 31.0 | 190.33 | 240.67 | 1.0 | 0.05 | 0.07 | 0.06 | 0 |
| 653 | 257.67 | 93.3 | 135.9 | 66.0 | 0.02 | 0.08 | 0.03 | 0 |
| 656 | 23.67 | 112.6 | 161.3 | 66.0 | 42.33 | 0.09 | 0.08 | 0 |
| 657 | 311.67 | 114.3 | 138.3 | 66.0 | 0.05 | 0.03 | 0.04 | 0 |
| 717 | 332.33 | 115.9 | 139.3 | 66.0 | 0.08 | 0.04 | 0.08 | 0 |
| 721 | 355.0 | 135.3 | 142.6 | 66.0 | 0.05 | 0.09 | 0.09 | 0 |
| 725 | 218.67 | 218.67 | 46.6 | 5.0 | 0.1 | 0.07 | 0.09 | 0 |
| 730 | 30.0 | 95.67 | 50.6 | 22.0 | 0.05 | 0.08 | 0.04 | 0 |
| 731 | 76.67 | 77.0 | 52.3 | 22.0 | 0.03 | 0.04 | 0.05 | 0 |
| 580 | 168.67 | 152.83 | 121.0 | 1.0 | 0.03 | 0.03 | 0.05 | 0 |
| 757 | 124.33 | 96.67 | 96.67 | 4.0 | 0.02 | 0.04 | 0.08 | 0 |
| 758 | 97.67 | 97.67 | 97.67 | 4.0 | 0.07 | 0.08 | 0.09 | 0 |
| 326 | 187.33 | 68.5 | 123.0 | 1.0 | 0.07 | 0.07 | 0.1 | 0 |
| 328 | 188.33 | 70.0 | 124.0 | 22.0 | 0.0 | 0.0 | 0.01 | 0 |
| 722 | 29.67 | 151.0 | 165.3 | 173.0 | 143.33 | 22.0 | 7.7 | 1 |
| 726 | 67.0 | 145.33 | 166.9 | 173.0 | 106.0 | 27.67 | 6.1 | 0 |
| 728 | 52.0 | 156.17 | 168.6 | 173.0 | 121.0 | 16.83 | 4.4 | 0 |

| ID PO | $T^E_{(1)}_{(PO,WS_i)}$ | $Median\left(T_{(PO,WS_i)}^E\right)$ | $T^{E}_{(K)}{}_{(PO,WS_i)}$ | $T^R_{(PO,WS_i)}$ | $E_{(1)_{(PO,WS_i)}}$ | $Median\left(E_{(PO,WS_i)}\right)$ | $E_{(K)_{(PO,WS_i)}}$ | $f(IEV_{(PO,WS_i)})$ |
|-------|-------------------------|--------------------------------------|-----------------------------|-------------------|-----------------------|------------------------------------|-----------------------|----------------------|
| | (h) | (h) | (h) | (h) | (h) | (h) | (h) | |
| 761 | 265.33 | 119.33 | 66.0 | 4.0 | 0.02 | 0.02 | 0.02 | 0 |
| 763 | 24.67 | 24.67 | 73.0 | 2.0 | 0.01 | 0.04 | 0.08 | 0 |
| 784 | 119.67 | 96.33 | 91.33 | 6.0 | 0.1 | 0.02 | 0.02 | 0 |
| 785 | 124.67 | 24.0 | 1.67 | 4.0 | 0.05 | 0.03 | 2.33 | 0 |
| 787 | 215.33 | 21.67 | 5.33 | 2.0 | 0.07 | 0.1 | 0.03 | 0 |
| 788 | 234.0 | 24.67 | 70.33 | 2.0 | 0.08 | 0.0 | 0.09 | 0 |
| 789 | 236.67 | 24.83 | 72.0 | 2.0 | 0.01 | 0.01 | 0.01 | 0 |
| | | | | | | | | |
| | | Mean Error (h) | | 15.07 | 7.28 | 0.47 | | |

Appendix2 Table 3. Error Values, model's normalized scores, normalized Entropy and anomalies for the Test_Data of the workstation Conwip2_8_6

| PO | First | Median | Last | AE | SVM | IF | | Is |
|--------|-------|--------|-------|-------|-------|-------|---------|----------|
| Number | | Error | Error | Score | Score | Score | Entropy | Abnormal |
| | Error | (h) | (h) | | | | | |
| | (h) | | | | | | | |
| 1 | 1369 | 817.2 | 0.08 | 0.74 | 0.99 | 1.0 | 0.99 | 0 |
| 2 | 6.00 | 0.05 | 0.05 | 0.64 | 0.77 | 0.0 | 0.62 | 0 |
| 3 | 1447 | 874.80 | 0.08 | 1 | 1 | 1 | 1 | 1 |
| 4 | 193.7 | 166.0 | 0.03 | 0 | 0 | 0.06 | 0 | 0 |

| PO Number | First Error | Median Error | Last Error | AE Score | SVM Score | IF Score | Entropy |
|--------------|-----------------------|-----------------|---------------|-------------|--------------|-------------|-----------|
| T (MINOUT | (h) | (h) | (h) | 20010 | 20010 | 20010 | Ziiii opj |
| 1 | 334.7 | 213.3 | 0.05 | 0.33 | 1 | 0.07 | 0.67 |
| 2 | 725.7 | 695.3 | 0.03 | 1 | 0.37 | 1 | 0.92 |
| 3 | 359.1 | 192.7 | 0.04 | 0 | 0 | 0 | 0 |
| 4 | 450.2 | 295.8 | 0.02 | 0 | 1 | 0.61 | 0.6 |
| Per | centile ₉₀ | 0.79 | 1 | 0.88 | 0.85 | | |

Appendix2 Table 5. Error Values, model's normalized scores and normalized Entropy for the Train_Data of the workstation Conwip2_11_3

| PO | First | Median | Last | AE | SVM | IF | |
|------------------|--------------|------------|-------|-------|------------|--------------|---------|
| Number | Error | Error | Error | Score | Score | Score | Entropy |
| 257714 | (h) | (h) | (h) | 0.01 | 0.7 | 0.05 | 0.20 |
| 257714 257720 | 23.2 22.7 | 3.4 3.4 | 3.4 | 0.01 | 0.7 0.7 | 0.05 0.05 | 0.29 |
| 257715 | 3.4 | 3.4 | 3.4 | 0.01 | 0.81 | 0.0 | 0.08 |
| 257717 | 2.9 | 2.9 | 1.6 | 0.01 | 0.88 | 0.01 | 0.12 |
| 257721 | 3.4 | 3.4 | 3.4 | 0.01 | 0.81 | 0.0 | 0.08 |
| 257723 | 3.9 | 2.4 | 0.9 | 0.01 | 0.92 | 0.03 | 0.19 |
| 257262 | 28.3 | 7.6 | 4.3 | 0.01 | 0.58 | 0.09 | 0.41 |
| 257263 | 4.9 | 4.9 | 4.9 | 0.01 | 0.74 | 0.04 | 0.23 |
| 257729 | 2.5 | 2.5 | 2.5 | 0.01 | 0.86 | 0.01 | 0.12 |
| 257735 | 26.7 | 6.5 | 3.2 | 0.01 | 0.62 | 0.08 | 0.37 |
| 257897 | 1.9 | 1.9 | 1.9 | 0.01 | 0.9 | 0.03 | 0.2 |
| 257898 | 4.9 | 3.55 | 2.2 | 0.01 | 0.83 | 0.01 | 0.12 |
| 257713 | 1.8 | 1.8 | 1.8 | 0.01 | 0.91 | 0.04 | 0.2 |
| 257719 | 20.5 | 20.5 | 1.4 | 0.0 | 0.48 | 0.02 | 0.21 |
| 257722 | 0.03 | 0.06 | 4.7 | 0.01 | 0.88 | 0.24 | 0.51 |
| 257137 | 0.07 | 4.25 | 4.2 | 0.01 | 0.8 | 0.08 | 0.32 |
| 257192 | 5.6 | 5.6 | 3.5 | 0.01 | 0.74 | 0.03 | 0.19 |
| 257257 | 21.25 | 21.25 | 0.9 | 0.0 | 0.49 | 0.05 | 0.31 |
| 257453 | 25.25 | 25.5 | 4.9 | 0.0 | 0.29 | 0.08 | 0.5 |
| 257193 | 23.15 | 23.4 | 3.6 | 0.0 | 0.34 | 0.03 | 0.26 |
| 257258 | 7.25 | 7.5 | 0.08 | 0.01 | 0.85 | 0.08 | 0.32 |
| 257259 | 0.0 | 7.5 | 1.4 | 0.01 | 0.83 | 0.1 | 0.35 |
| 257260 | 20.25 | 20.38 | 3.4 | 0.0 | 0.4 | 0.02 | 0.19 |
| 257725 | 5.75 | 9.25 | 1.4 | 0.01 | 0.75 | 0.05 | 0.27 |
| 257726 | 23.25 | 23.5 | 3.4 | 0.0 | 0.34 | 0.03 | 0.26 |
| 257731 | 24.25 | 24.5 | 3.9 | 0.0 | 0.32 | 0.03 | 0.3 |
| 257732 | 47.25 | 46.5 | 5.4 | 0.0 | 0.02 | 0.2 | 0.3 |
| 257895 | 32.25 | 32.5 | 4.4 | 0.0 | 0.18 | 0.1 | 0.6 |
| 257261 | 32.25 | 32.5 | 3.2 | 0.0 | 0.2 | 0.08 | 0.57 |
| 257264 | 49.25 | 49.25 | 5.2 | 0.0 | 0.0 | 0.16 | 0.06 |
| 257727 | 32.25 | 32.5 | 2.9 | 0.0 | 0.21 | 0.09 | 0.58 |
| 257728 | 49.25 | 49.25 | 4.9 | 0.0 | 0.0 | 0.16 | 0.0 |
| 257733 | 99.4 | 72.05 | 1.6 | 0.01 | 0.09 | 0.46 | 0.46 |
| 257734 | 32.5 | 32.33 | 10.1 | 0.0 | 0.34 | 0.27 | 0.65 |

| PO Number | First Error (h) | Median Error (h) | Last Error (h) | AE Score | SVM Score | IF Score | Entropy |
|--------------|-----------------------|------------------------|----------------------|-------------|--------------|-------------|---------|
| 258108 | 571.33 | 272.8 | 7.4 | 0.17 | 1.0 | 0.96 | 0.83 |
| 258109 | 0.01 | 2.33 | 2.33 | 0.01 | 0.89 | 0.07 | 0.29 |
| 257938 | 609.25 | 393.7 | 8.1 | 0.36 | 0.94 | 0.91 | 0.93 |
| 257939 | 628.33 | 394.4 | 8.1 | 0.36 | 1.0 | 0.79 | 0.93 |
| 258142 | 628.5 | 394.4 | 8.1 | 0.36 | 1.0 | 0.79 | 0.93 |
| 258149 | 4.25 | 4.33 | 5.4 | 0.01 | 0.76 | 0.07 | 0.3 |
| 258150 | 5.25 | 5.33 | 5.7 | 0.01 | 0.73 | 0.09 | 0.36 |
| 258143 | 8.25 | 8.33 | 3.1 | 0.01 | 0.68 | 0.05 | 0.27 |
| 258152 | 7.25 | 7.33 | 2.1 | 0.01 | 0.75 | 0.03 | 0.18 |
| 258144 | 26.25 | 26.33 | 3.4 | 0.0 | 0.29 | 0.05 | 0.4 |
| 258151 | 36.5 | 100.33 | 5.4 | 0.01 | 0.42 | 0.43 | 0.69 |
| 258147 | 22.33 | 22.33 | 2.1 | 0.0 | 0.41 | 0.05 | 0.33 |
| 258148 | 21.33 | 21.33 | 1.4 | 0.0 | 0.46 | 0.03 | 0.23 |
| 258153 | 49.25 | 49.33 | 2.1 | 0.0 | 0.04 | 0.16 | 0.49 |
| 258154 | 45.33 | 45.33 | 2.1 | 0.0 | 0.08 | 0.17 | 0.58 |
| 258139 | 17.33 | 17.33 | 1.7 | 0.0 | 0.53 | 0.05 | 0.32 |
| 258140 | 48.33 | 48.33 | 2.1 | 0.0 | 0.05 | 0.15 | 0.53 |
| 258145 | 28.33 | 28.33 | 3.7 | 0.0 | 0.25 | 0.08 | 0.52 |
| 258141 | 39.33 | 39.33 | 0.04 | 0.0 | 0.25 | 0.22 | 0.65 |
| 258078 | 39.33 | 39.33 | 0.09 | 0.0 | 0.25 | 0.22 | 0.65 |
| 258258 | 2.33 | 2.33 | 0.33 | 0.01 | 0.97 | 0.05 | 0.23 |
| 257980 | 2.33 | 2.33 | 1.0 | 0.01 | 0.93 | 0.03 | 0.18 |
| 257981 | 96.33 | 96.33 | 0.09 | 0.01 | 0.22 | 0.47 | 0.62 |
| 258227 | 9.33 | 9.33 | 0.08 | 0.01 | 0.81 | 0.12 | 0.39 |
| 258231 | 138.33 | 137.67 | 0.1 | 0.03 | 0.98 | 0.53 | 0.66 |
| 258387 | 101.33 | 98.83 | 1.1 | 0.01 | 0.21 | 0.44 | 0.63 |
| 258426 | 138.33 | 138.33 | 0.01 | 0.03 | 1.0 | 0.55 | 0.66 |
| 258371 | 16.23 | 16.23 | 0.03 | 0.01 | 0.65 | 0.11 | 0.42 |
| 258418 | 23.33 | 23.33 | 2.1 | 0.0 | 0.39 | 0.05 | 0.36 |
| 258493 | 4.33 | 4.33 | 0.4 | 0.01 | 0.91 | 0.06 | 0.26 |
| 258447 | 2.33 | 2.17 | 0.01 | 0.01 | 1.0 | 0.09 | 0.31 |
| 258492 | 2.33 | 2.33 | 0.0 | 0.01 | 0.99 | 0.08 | 0.29 |
| 258494 | 3.2 | 3.03 | 3.03 | 0.01 | 0.82 | 0.0 | 0.05 |
| 257454 | 137.6 | 137.1 | 4.8 | 0.02 | 0.99 | 0.64 | 0.67 |
| 257455 | 46.43 | 46.43 | 46.43 | 0.12 | 1.0 | 0.62 | 0.8 |

| PO | First | Median | Last | AE | SVM | IF | |
|--------|-----------------------|--------|------------|-------|-------|-------|---------|
| Number | Error | Error | Error | Score | Score | Score | Entropy |
| | (h) | (h) | (h) | | | | |
| 257321 | 8.33 | 8.33 | 8.33 | 0.01 | 0.71 | 0.21 | 0.52 |
| 257884 | 57.33 | 57.33 | 57.33 | 0.2 | 1.0 | 0.71 | 0.86 |
| 258328 | 118.43 | 118.43 | 118.4 3 | 1.0 | 1.0 | 1.0 | 1.0 |
| 258661 | 14.33 | 14.33 | 14.33 | 0.01 | 0.94 | 0.35 | 0.57 |
| 258757 | 15.33 | 15.33 | 15.33 | 0.01 | 1.0 | 0.38 | 0.57 |
| 258763 | 1.33 | 1.33 | 1.33 | 0.01 | 0.94 | 0.07 | 0.29 |
| Per | centile ₉₀ | 0.02 | 0.99 | 0.60 | 0.68 | | |

Appendix2 Table 6. Error Values, model's normalized scores and normalized Entropy for the Test_Data of the workstation Conwip2_11_3

| PO | First | Median | Last | AE | SVM | IF | | Is |
|--------|-------|--------|-------|-------|-------|-------|---------|----------|
| Number | | Error | Error | Score | Score | Score | Entropy | Abnormal |
| | Error | (h) | (h) | | | | | |
| | (h) | | | | | | | |
| 258720 | 70.3 | 70.33 | 0.02 | 0.0 | 0.01 | 0.42 | 0.11 | 0 |
| 258715 | 9.33 | 9.33 | 0.09 | 0.0 | 0.11 | 0.1 | 0.69 | 0 |
| 258717 | 22.3 | 22.33 | 0.0 | 0.0 | 0.07 | 0.1 | 0.66 | 0 |
| 258659 | 8.33 | 8.33 | 8.33 | 0.0 | 0.1 | 0.18 | 0.62 | 0 |
| 258657 | 104. | 104.33 | 3.1 | 0.0 | 0.03 | 0.43 | 0.27 | 0 |
| | 33 | | | | | | | |
| 258658 | 182. | 150.0 | 171.3 | 0.87 | 0.99 | 0.94 | 1.0 | 1 |
| | 1 | | 3 | | | | | |
| 258731 | 51.3 | 51.33 | 2.7 | 0.0 | 0.0 | 0.16 | 0.0 | 0 |
| | 3 | | | | | | | |
| 258653 | 22.3 | 22.33 | 0.08 | 0.0 | 0.07 | 0.09 | 0.66 | 0 |
| | 3 | | | | | | | |
| 258280 | 139. | 139.33 | 1.4 | 0.01 | 0.14 | 0.52 | 0.53 | 0 |
| 259726 | 33 | 0.33 | 0.22 | 0.0 | 0.14 | 0.10 | 0.69 | 0 |
| 258726 | 0.33 | 0.55 | 0.33 | 0.0 | 0.14 | 0.18 | 0.68 | U |
| 258270 | 0.33 | 0.0 | 0.09 | 0.0 | 0.14 | 0.21 | 0.67 | 0 |
| 258655 | 16.3 | 16.33 | 0.07 | 0.0 | 0.09 | 0.08 | 0.68 | 0 |
| | 3 | | | | | | | |
| 258660 | 8.33 | 8.33 | 8.33 | 0.0 | 0.1 | 0.18 | 0.62 | 0 |
| 258725 | 296. | 250.0 | 174.4 | 1.0 | 1.0 | 1.0 | 1.0 | 1 |
| | 33 | | | | | | | |
| 258714 | 27.3 | 27.33 | 1.4 | 0.0 | 0.05 | 0.09 | 0.61 | 0 |
| | 3 | | | | | | | |
| 258580 | 45.3 | 45.33 | 45.33 | 0.05 | 0.14 | 0.59 | 0.63 | 0 |
| | 3 | | | | | | | |
| 258267 | 128. | 128.33 | 0.05 | 0.01 | 0.1 | 0.52 | 0.46 | 0 |
| | 33 | | | | | | | |

| PO | First | Median | Last | AE | SVM | IF | | Is |
|--------|-------|--------|-------|-------|-------|-------|---------|----------|
| Number | | Error | Error | Score | Score | Score | Entropy | Abnormal |
| | Error | (h) | (h) | | | | | |
| | (h) | | | | | | | |
| 258264 | 112. | 128.0 | 1.4 | 0.01 | 0.09 | 0.49 | 0.44 | 0 |
| | 33 | | | | | | | |
| 258268 | 139. | 139.33 | 2.1 | 0.01 | 0.13 | 0.52 | 0.52 | 0 |
| | 33 | | | | | | | |
| 258263 | 18.3 | 18.33 | 0.04 | 0.0 | 0.08 | 0.09 | 0.67 | 0 |
| | 3 | | | | | | | |
| 258728 | 4.33 | 4.33 | 4.33 | 0.0 | 0.1 | 0.0 | 0.11 | 0 |
| 258266 | 139. | 139.33 | 2.7 | 0.01 | 0.14 | 0.53 | 0.52 | 0 |
| | 33 | | | | | | | |
| 258651 | 9.33 | 9.33 | 0.06 | 0.0 | 0.11 | 0.1 | 0.69 | 0 |
| 258721 | 104. | 104.33 | 2.7 | 0.0 | 0.03 | 0.43 | 0.27 | 0 |
| | 33 | | | | | | | |
| 258565 | 3.33 | 3.33 | 0.33 | 0.0 | 0.13 | 0.03 | 0.51 | 0 |
| 258656 | 4.33 | 4.33 | 0.09 | 0.0 | 0.13 | 0.06 | 0.65 | 0 |
| 258650 | 24.3 | 24.33 | 0.09 | 0.0 | 0.06 | 0.09 | 0.65 | 0 |
| | 3 | | | | | | | |
| 258722 | 0.02 | 3.33 | 3.33 | 0.0 | 0.11 | 0.04 | 0.62 | 0 |