

Report

30 October 2022, 17:43

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Data folder: C:\Users\marco\Desktop\wheellyj\data\agent-10e-3\

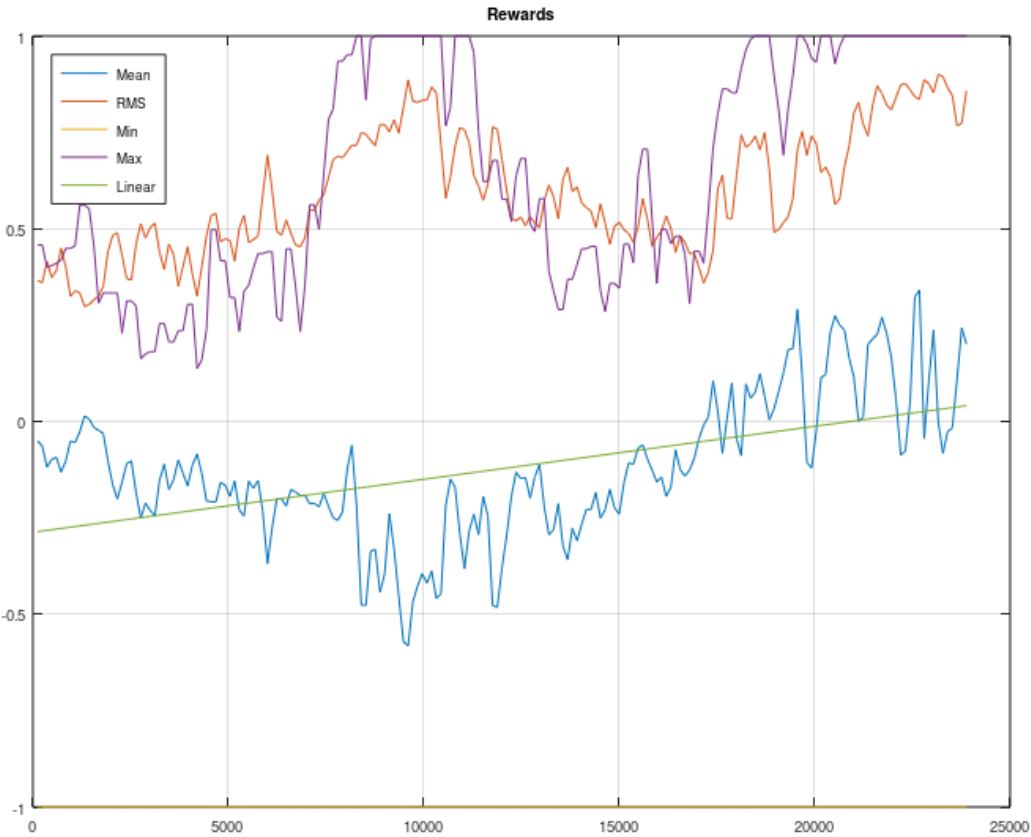
Rewards

| KPI | |
|--------|--------|
| Mean | -0.123 |
| RMS | 0.616 |
| Min | -1 |
| Median | 0 |
| Max | 1 |
| Trend | Linear |
| From | -0.287 |
| To | 0.0424 |

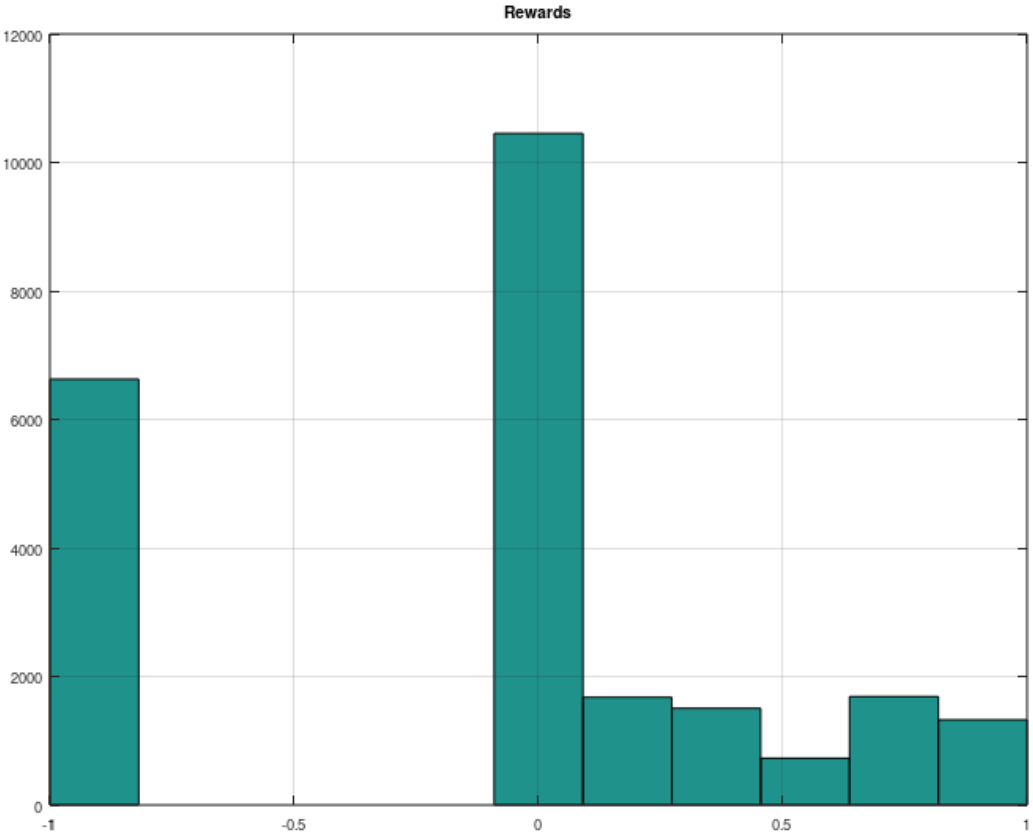
| -0.909 | -0.727 | -0.545 | -0.364 | -0.182 | 0 | 0.182 | 0.364 | 0.545 | 0.727 | 0.909 |
|--------|--------|--------|--------|--------|-------|-------|-------|-------|-------|-------|
| 6627 | 0 | 0 | 0 | 0 | 10452 | 1676 | 1505 | 728 | 1687 | 1325 |

Rewards notes

Rewards chart



Rewards histogram



Delta

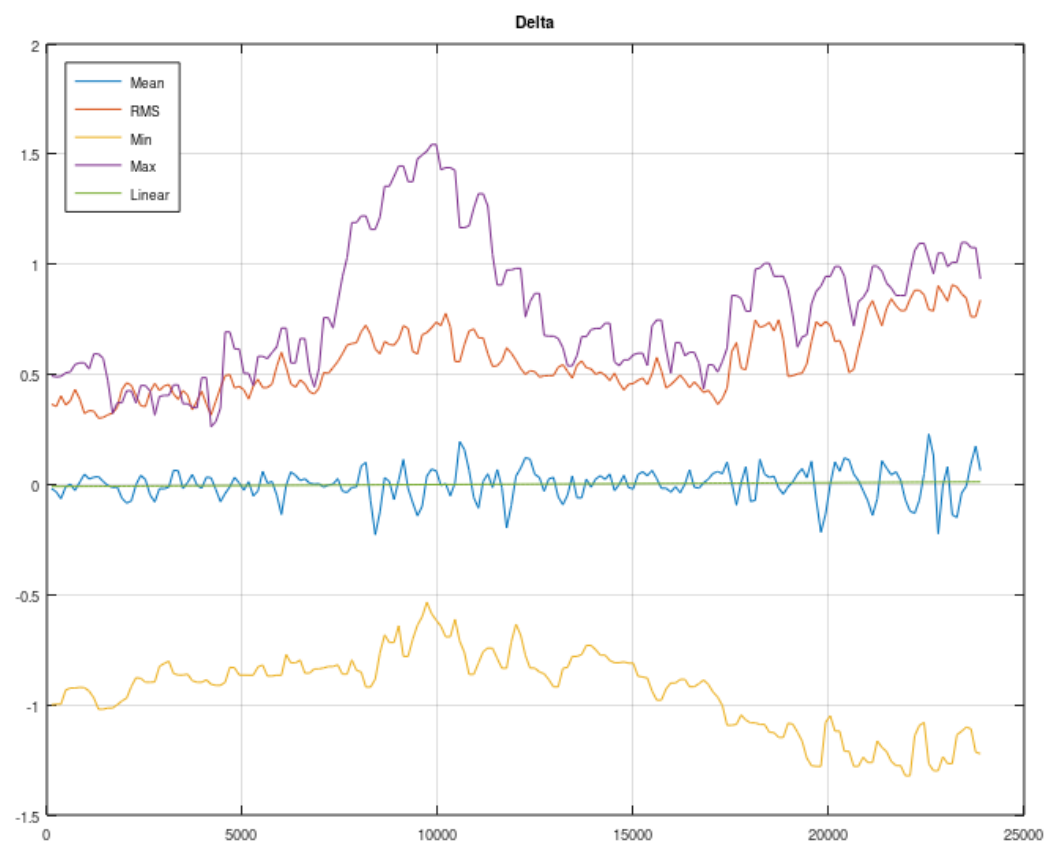
| KPI | |
|--------|----------|
| Mean | 0.00146 |
| RMS | 0.579 |
| Min | -1.32 |
| Median | 0.166 |
| Max | 1.54 |
| Trend | Linear |
| From | -0.00912 |
| To | 0.012 |

| | | | | | | | | | | |
|-------|--------|--------|-------|-------|-------|-------|-------|-------|------|------|
| -1.19 | -0.931 | -0.671 | -0.41 | -0.15 | 0.111 | 0.371 | 0.632 | 0.892 | 1.15 | 1.41 |
| 1008 | 2560 | 2766 | 300 | 1056 | 7653 | 4787 | 2253 | 1276 | 247 | 94 |

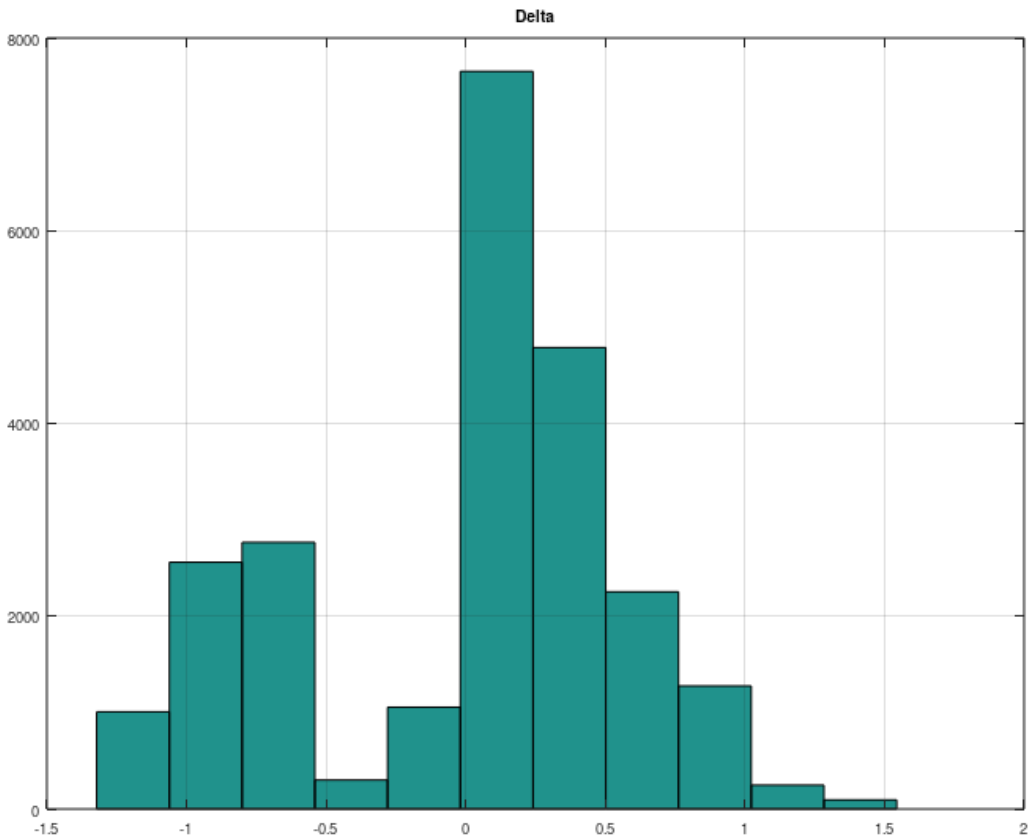
Delta notes

[Notes]

Delta chart



Delta histogram



Discount 0.999 rewards

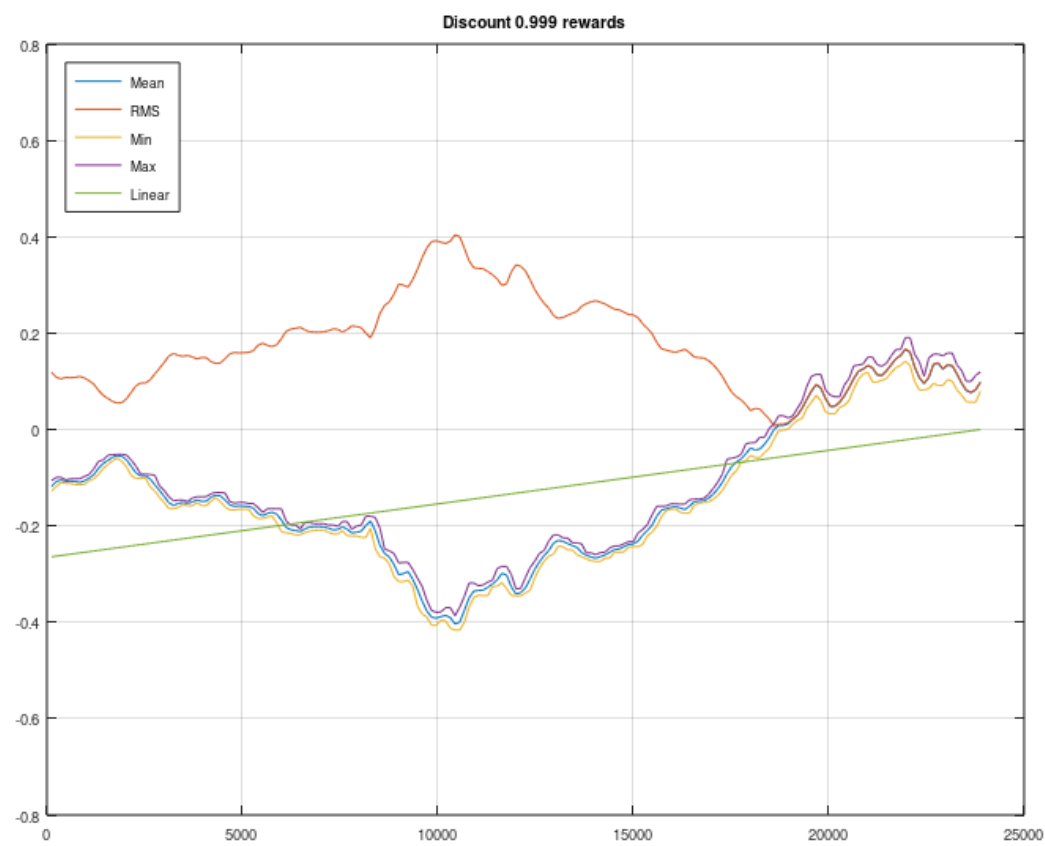
| KPI | |
|--------|---------|
| Mean | -0.132 |
| RMS | 0.199 |
| Min | -0.416 |
| Median | -0.155 |
| Max | 0.191 |
| Trend | Linear |
| From | -0.266 |
| To | 0.00107 |

| | | | | | | | | | | |
|--------|--------|--------|--------|--------|--------|---------|----------|--------|-------|-------|
| -0.389 | -0.334 | -0.279 | -0.223 | -0.168 | -0.113 | -0.0578 | -0.00262 | 0.0526 | 0.108 | 0.163 |
| 1152 | 1787 | 2302 | 3980 | 4404 | 2893 | 1809 | 813 | 1272 | 2625 | 963 |

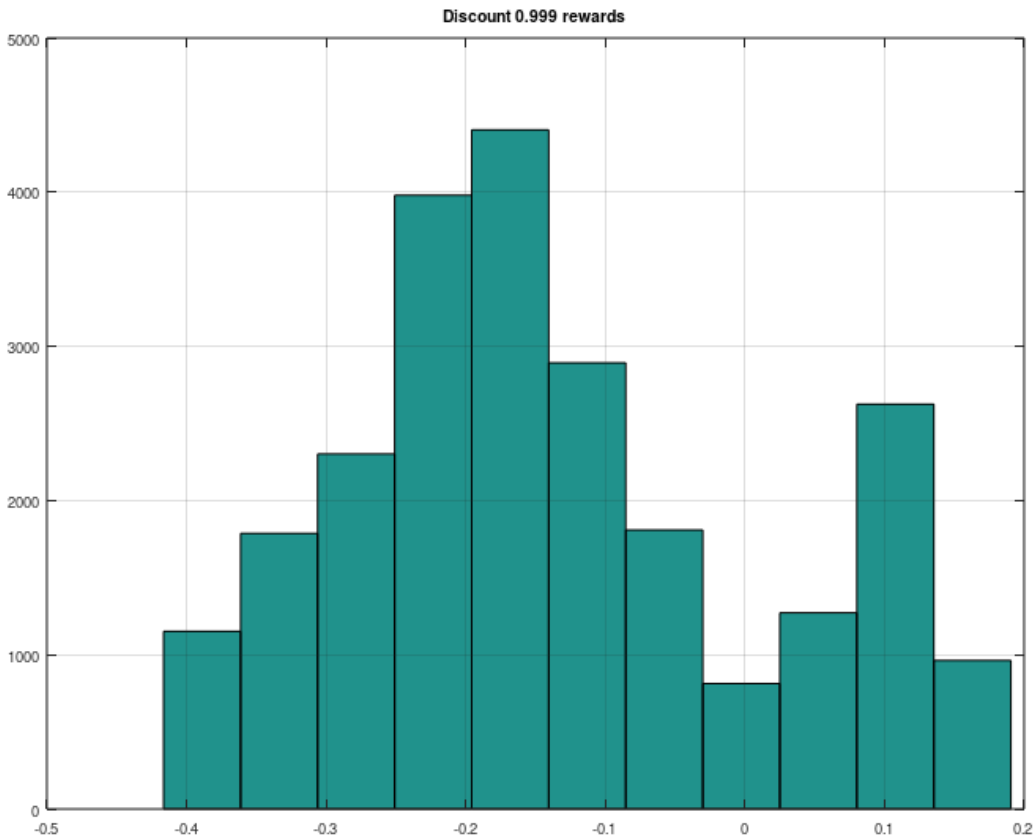
Discount 0.999 rewards notes

[Notes]

Discount 0.999 rewards chart



Discount 0.999 rewards histogram



Halt max prob.

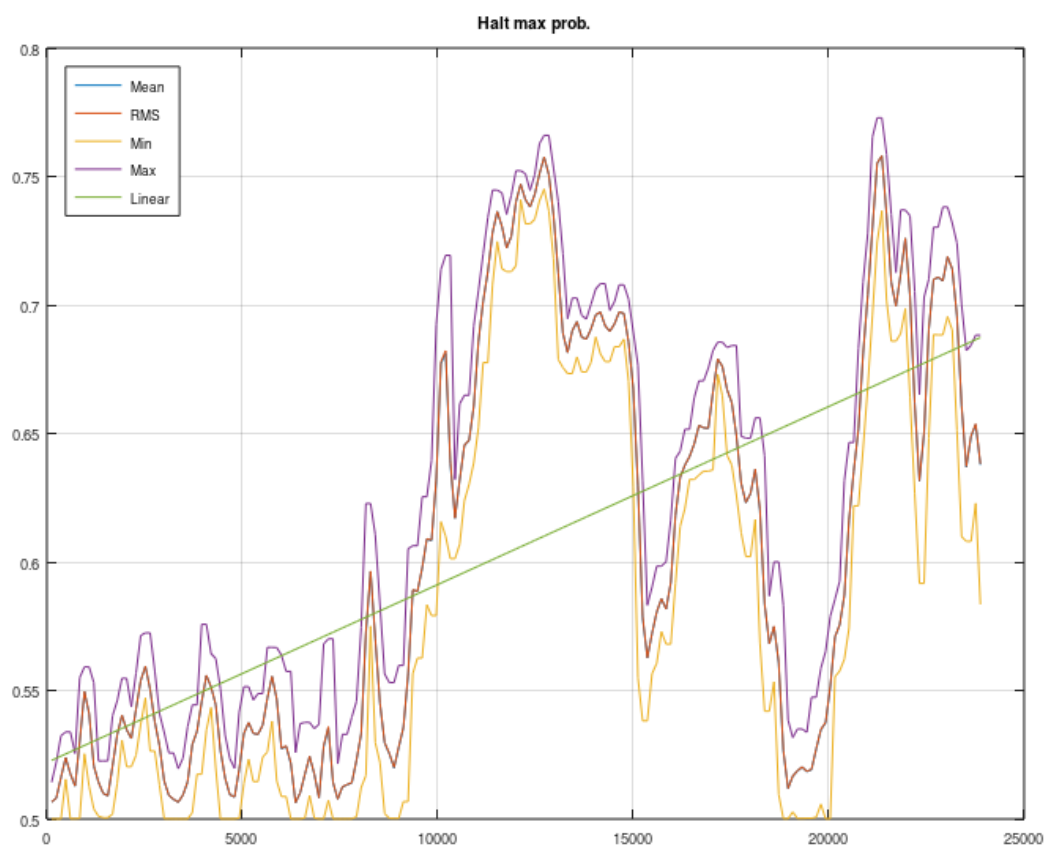
| KPI | |
|--------|--------|
| Mean | 0.605 |
| RMS | 0.61 |
| Min | 0.5 |
| Median | 0.587 |
| Max | 0.773 |
| Trend | Linear |
| From | 0.522 |
| To | 0.688 |

| | | | | | | | | | | |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|
| 0.512 | 0.537 | 0.562 | 0.587 | 0.612 | 0.636 | 0.661 | 0.686 | 0.711 | 0.736 | 0.76 |
| 5335 | 3729 | 2036 | 1452 | 1127 | 2169 | 1374 | 2713 | 1835 | 1581 | 649 |

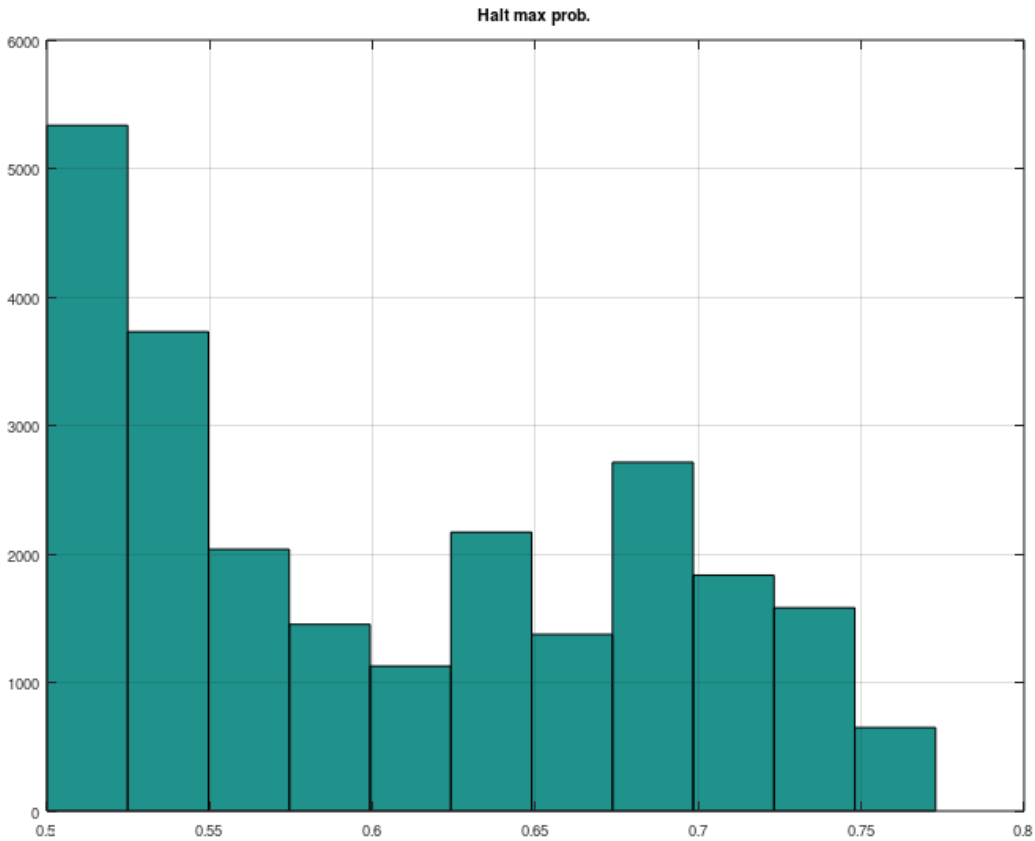
Halt max prob. notes

[Notes]

Halt max prob. chart



Halt max prob. histogram



Direction max prob.

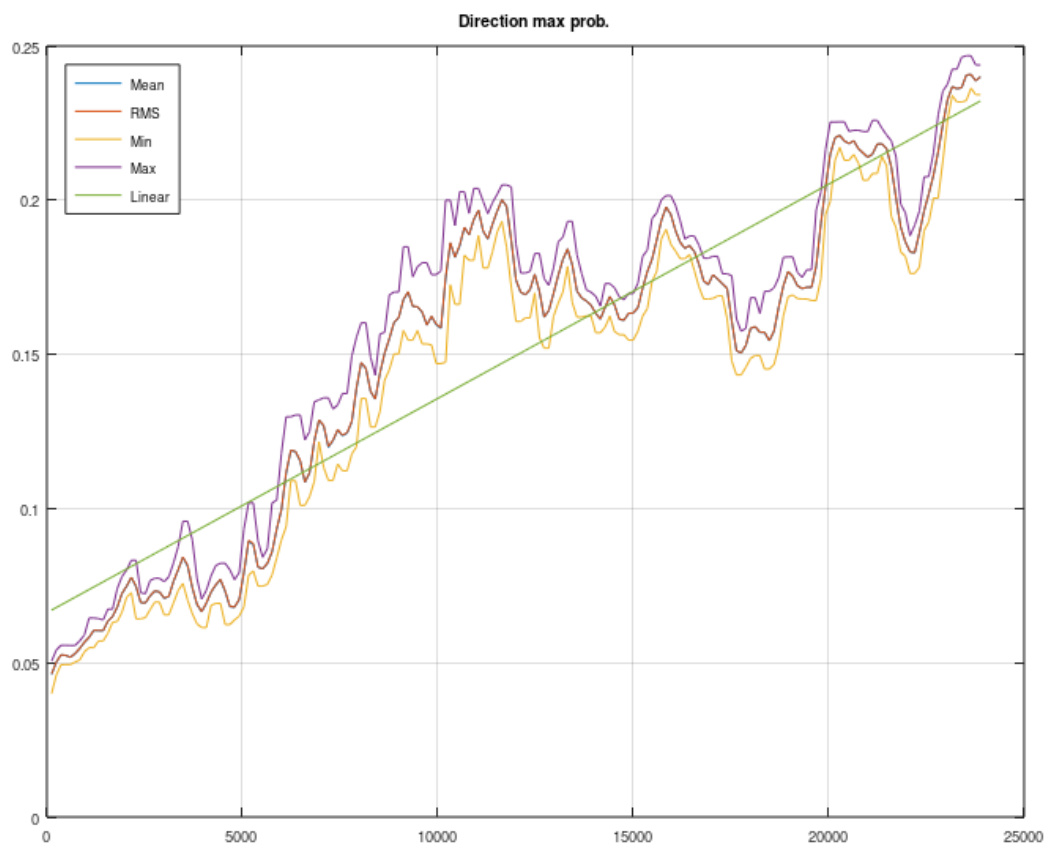
| KPI | |
|--------|--------|
| Mean | 0.15 |
| RMS | 0.159 |
| Min | 0.04 |
| Median | 0.165 |
| Max | 0.247 |
| Trend | Linear |
| From | 0.0662 |
| To | 0.233 |

| 0.0494 | 0.0682 | 0.087 | 0.106 | 0.125 | 0.143 | 0.162 | 0.181 | 0.2 | 0.219 | 0.237 |
|--------|--------|-------|-------|-------|-------|-------|-------|------|-------|-------|
| 1206 | 3306 | 1370 | 628 | 1425 | 1239 | 5148 | 4482 | 2276 | 1889 | 1031 |

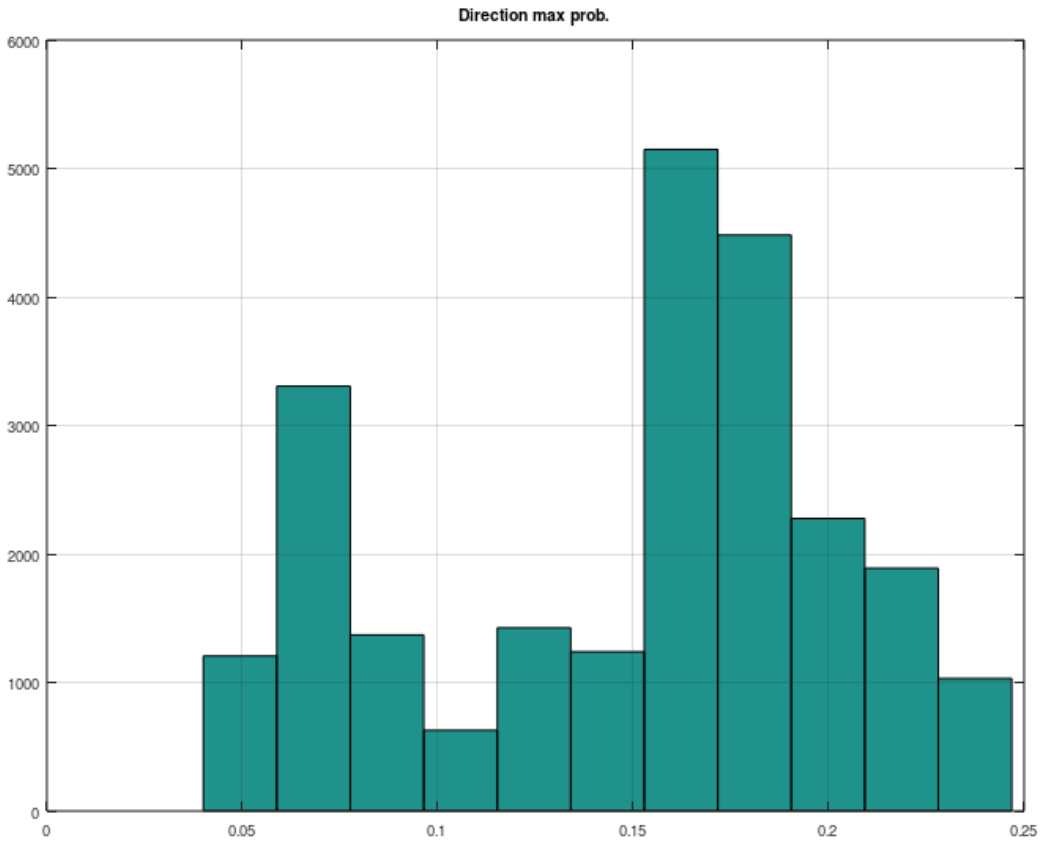
Direction max prob. notes

[Notes]

Direction max prob. chart



Direction max prob. histogram



Speed max prob.

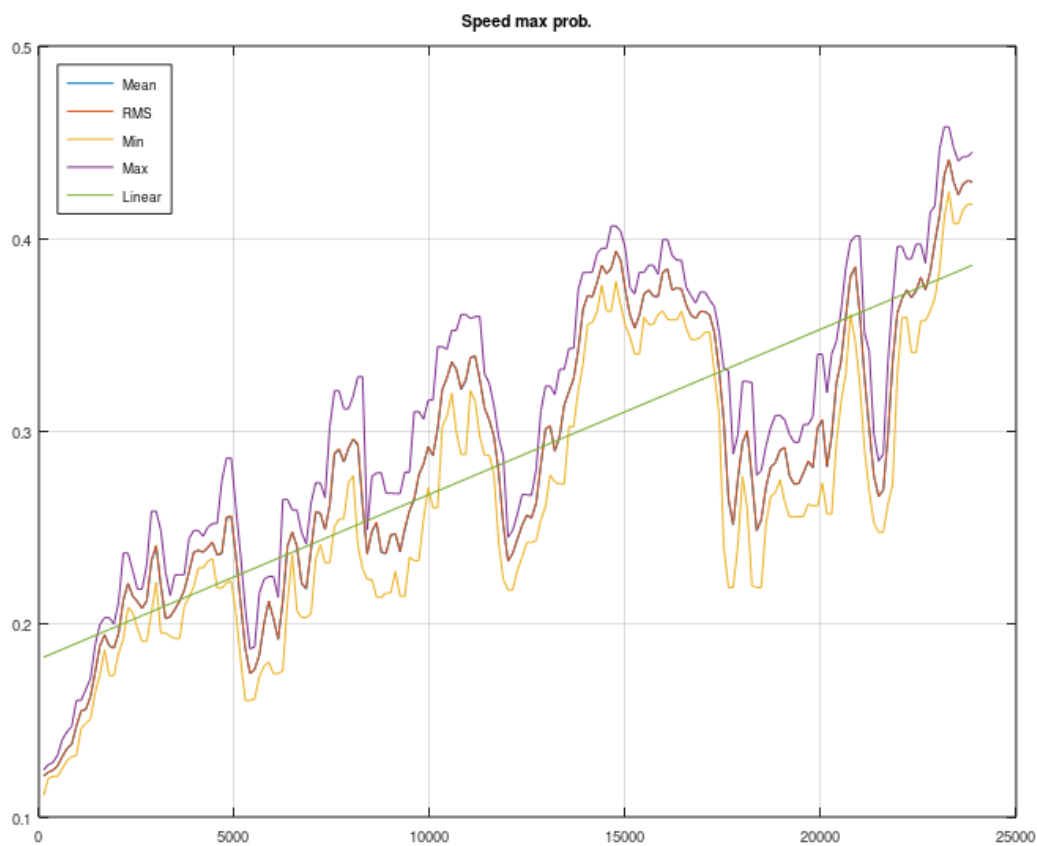
| KPI | |
|--------|--------|
| Mean | 0.285 |
| RMS | 0.294 |
| Min | 0.111 |
| Median | 0.279 |
| Max | 0.458 |
| Trend | Linear |
| From | 0.182 |
| To | 0.387 |

| 0.127 | 0.158 | 0.19 | 0.221 | 0.253 | 0.285 | 0.316 | 0.348 | 0.379 | 0.411 | 0.442 |
|-------|-------|------|-------|-------|-------|-------|-------|-------|-------|-------|
| 922 | 632 | 1840 | 3069 | 4191 | 3773 | 2562 | 2280 | 3392 | 763 | 576 |

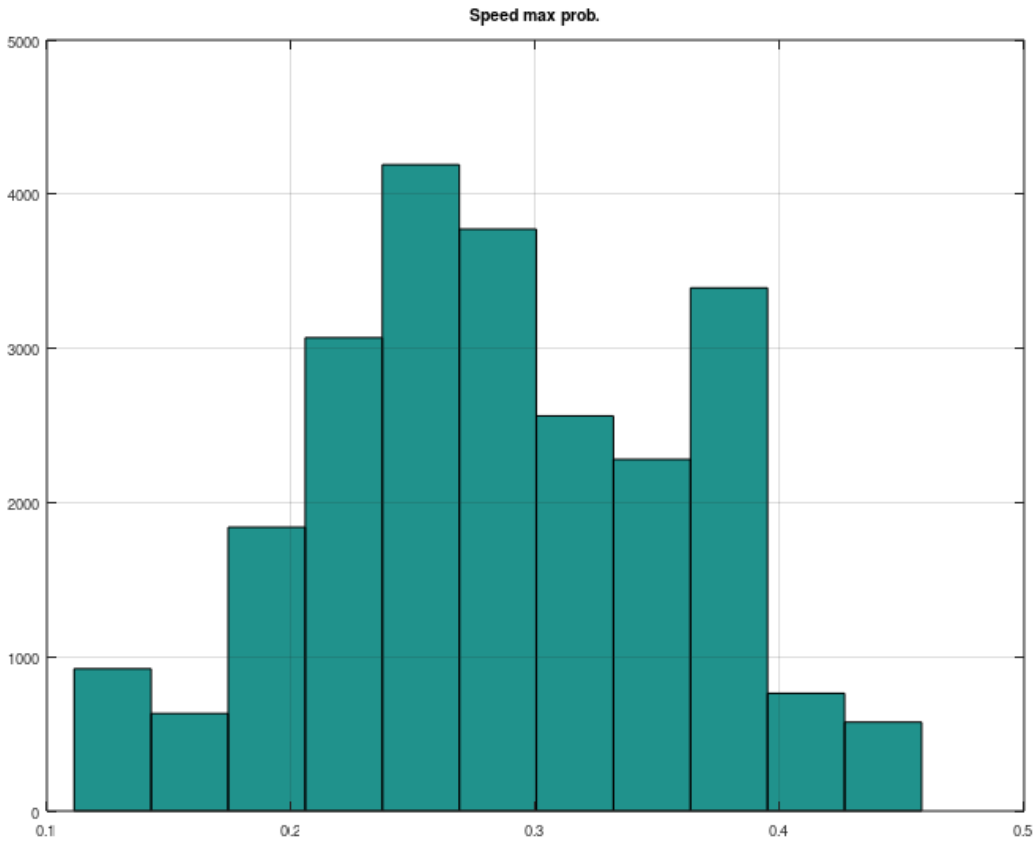
Speed max prob. notes

[Notes]

Speed max prob. chart



Speed max prob. histogram



Sensor direction max prob.

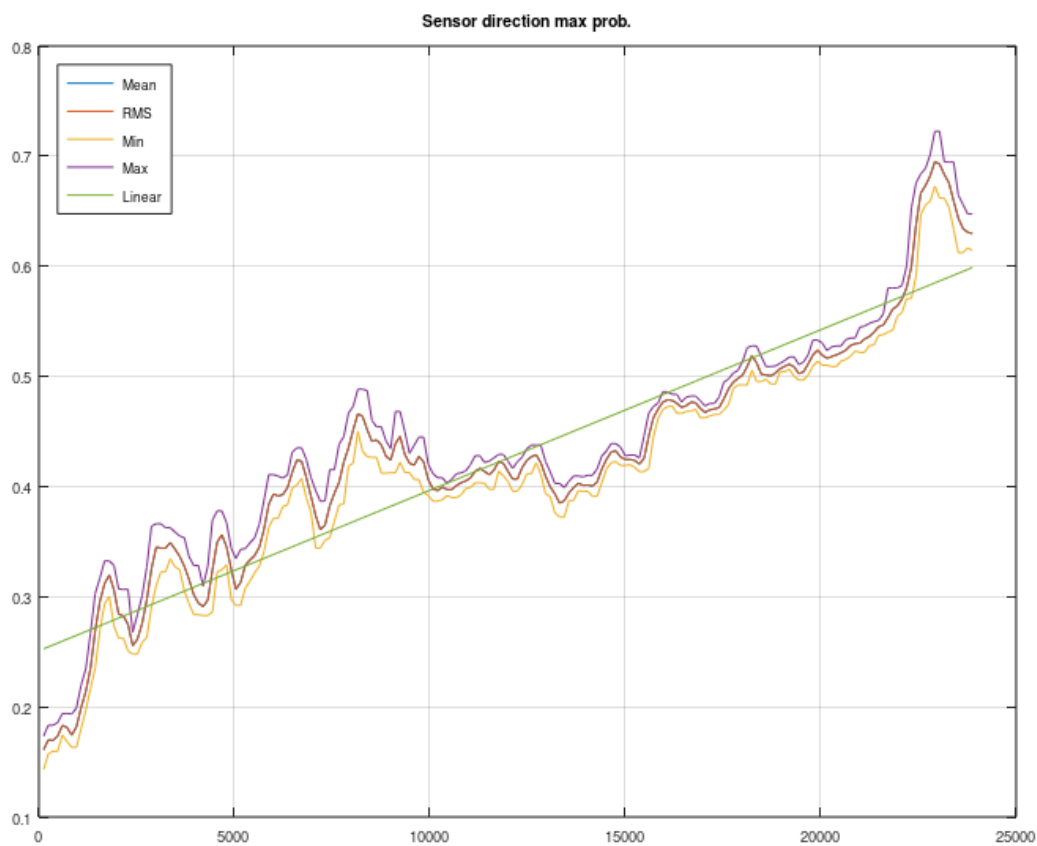
| KPI | |
|--------|--------|
| Mean | 0.426 |
| RMS | 0.44 |
| Min | 0.143 |
| Median | 0.421 |
| Max | 0.722 |
| Trend | Linear |
| From | 0.251 |
| To | 0.601 |

| | | | | | | | | | | |
|-------|-------|-------|-------|------|-------|-------|-------|-------|-------|-------|
| 0.169 | 0.222 | 0.275 | 0.327 | 0.38 | 0.433 | 0.485 | 0.538 | 0.591 | 0.643 | 0.696 |
| 1029 | 364 | 1529 | 2538 | 4253 | 5626 | 4088 | 2529 | 469 | 896 | 679 |

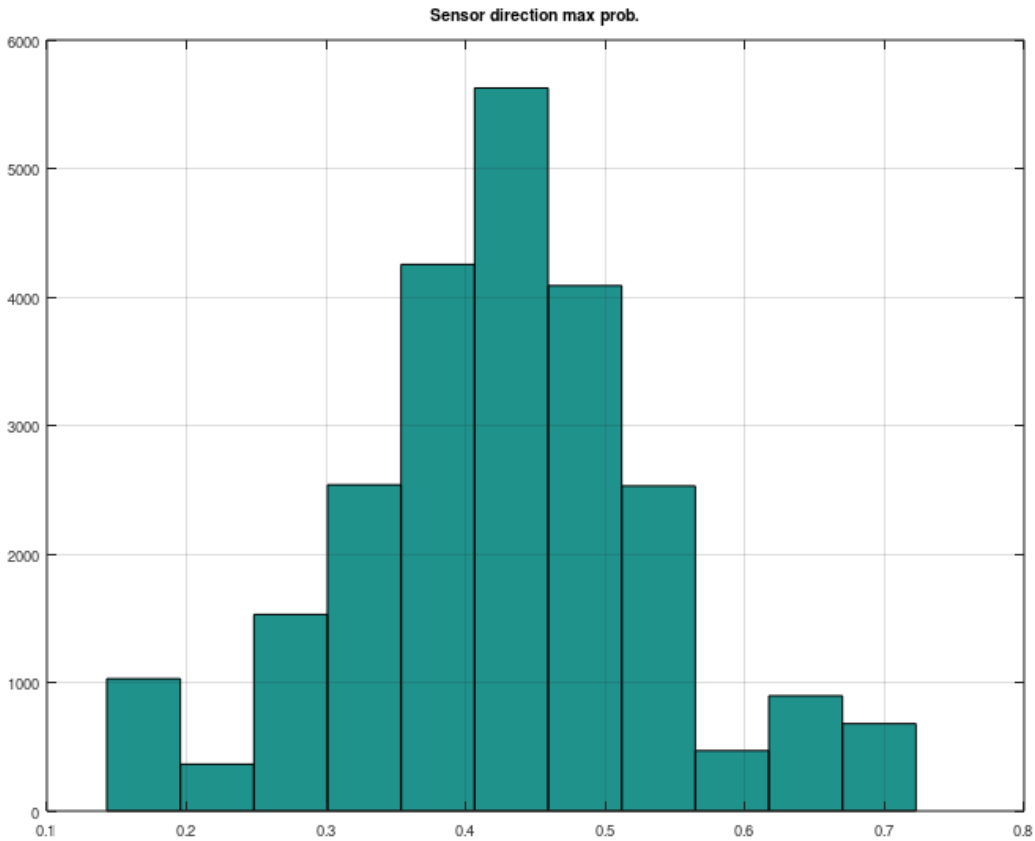
Sensor direction max prob. notes

[Notes]

Sensor direction max prob. chart



Sensor direction max prob. histogram



Delta halt prob.

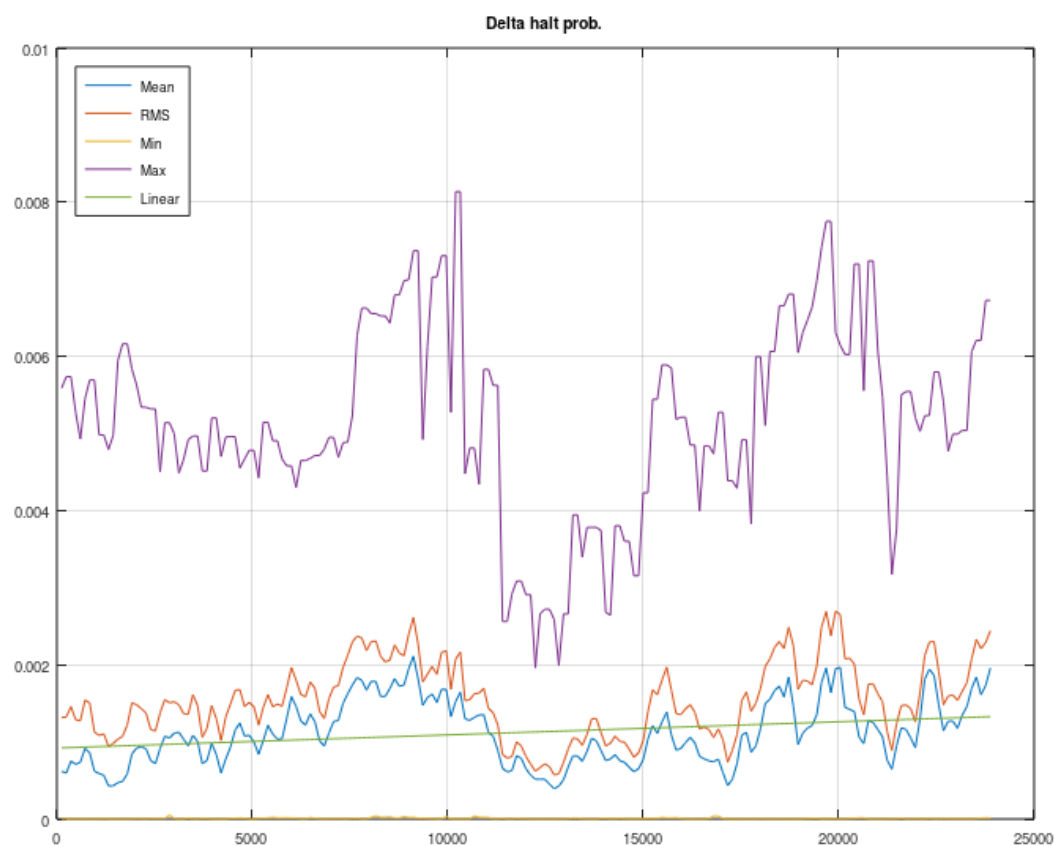
| KPI | |
|--------|----------|
| Mean | 0.00112 |
| RMS | 0.00162 |
| Min | 0 |
| Median | 0.000717 |
| Max | 0.00814 |
| Trend | Linear |
| From | 0.00092 |
| To | 0.00133 |

| | | | | | | | | | | |
|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0.00037 | 0.00111 | 0.00185 | 0.00259 | 0.00333 | 0.00407 | 0.00481 | 0.00555 | 0.00629 | 0.00703 | 0.00777 |
| 12235 | 5322 | 2774 | 1553 | 948 | 635 | 300 | 143 | 64 | 21 | 5 |

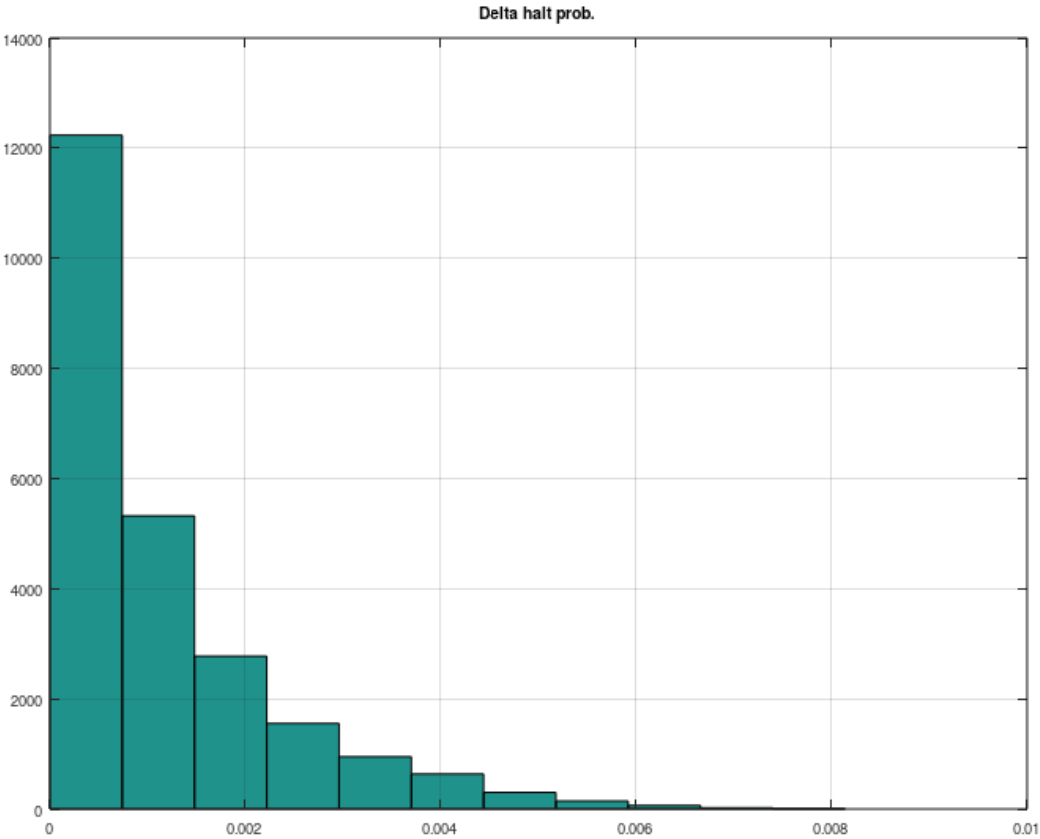
Delta halt prob. notes

[Notes]

Delta halt prob. chart



Delta halt prob. histogram



Delta direction prob.

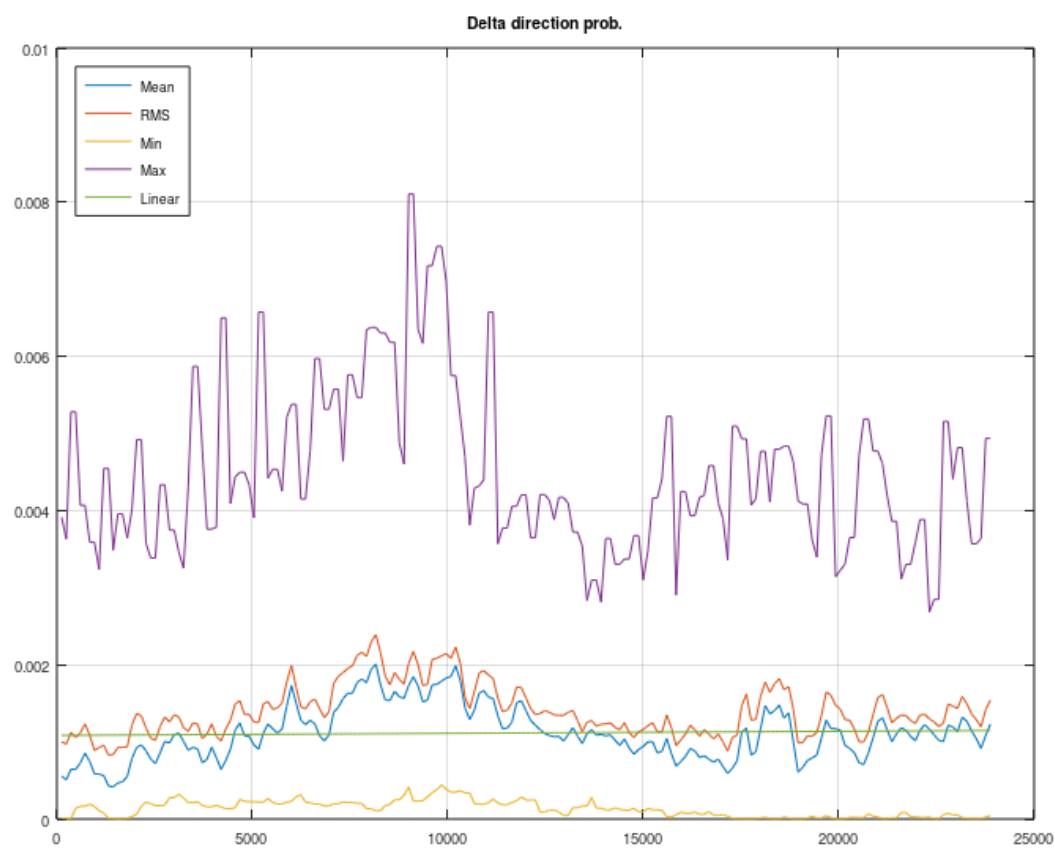
| KPI | |
|--------|----------|
| Mean | 0.00112 |
| RMS | 0.00144 |
| Min | 5.13e-07 |
| Median | 0.000844 |
| Max | 0.00811 |
| Trend | Linear |
| From | 0.00108 |
| To | 0.00115 |

| 0.000369 | 0.00111 | 0.00184 | 0.00258 | 0.00332 | 0.00405 | 0.00479 | 0.00553 | 0.00626 | 0.007 | 0.00774 |
|----------|---------|---------|---------|---------|---------|---------|---------|---------|-------|---------|
| 10749 | 6407 | 3611 | 2162 | 727 | 214 | 86 | 22 | 16 | 4 | 2 |

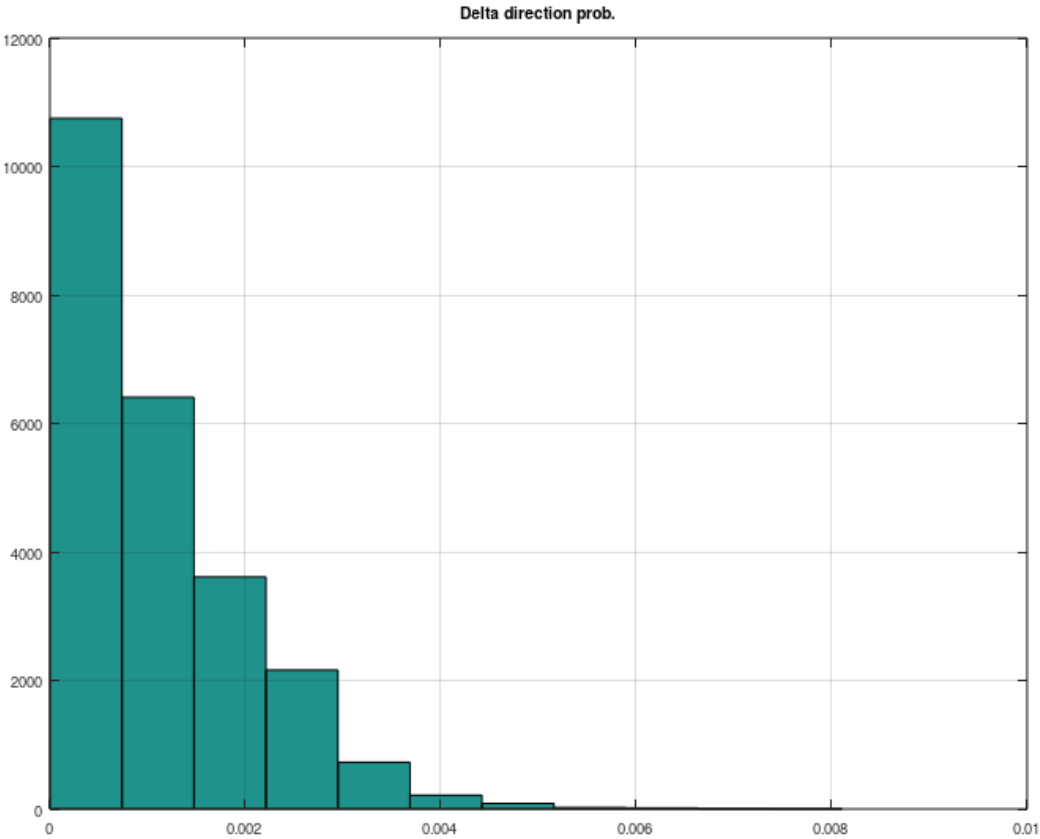
Delta direction prob. notes

[Notes]

Delta direction prob. chart



Delta direction prob. histogram



Delta speed prob.

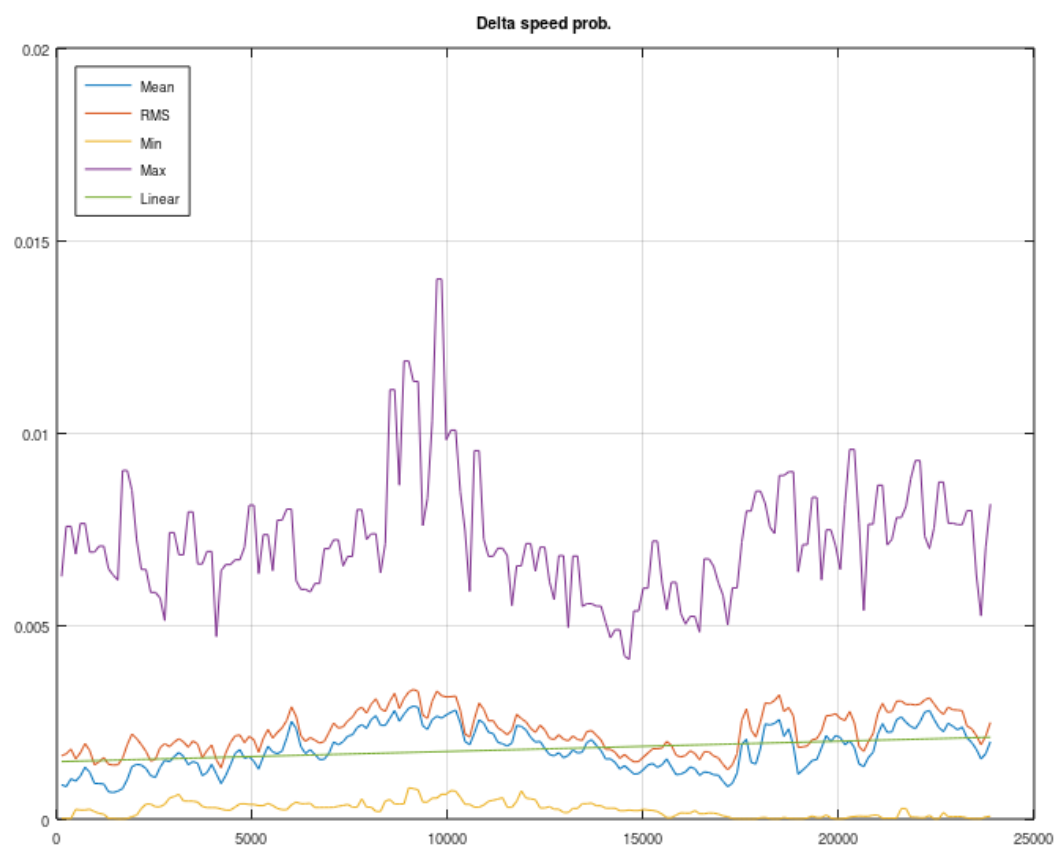
| KPI | |
|--------|----------|
| Mean | 0.0018 |
| RMS | 0.00233 |
| Min | 1.29e-06 |
| Median | 0.00139 |
| Max | 0.014 |
| Trend | Linear |
| From | 0.00149 |
| To | 0.00212 |

| 0.000638 | 0.00191 | 0.00318 | 0.00446 | 0.00573 | 0.007 | 0.00828 | 0.00955 | 0.0108 | 0.0121 | 0.0134 |
|----------|---------|---------|---------|---------|-------|---------|---------|--------|--------|--------|
| 11269 | 6315 | 4061 | 1564 | 514 | 200 | 56 | 15 | 3 | 2 | 1 |

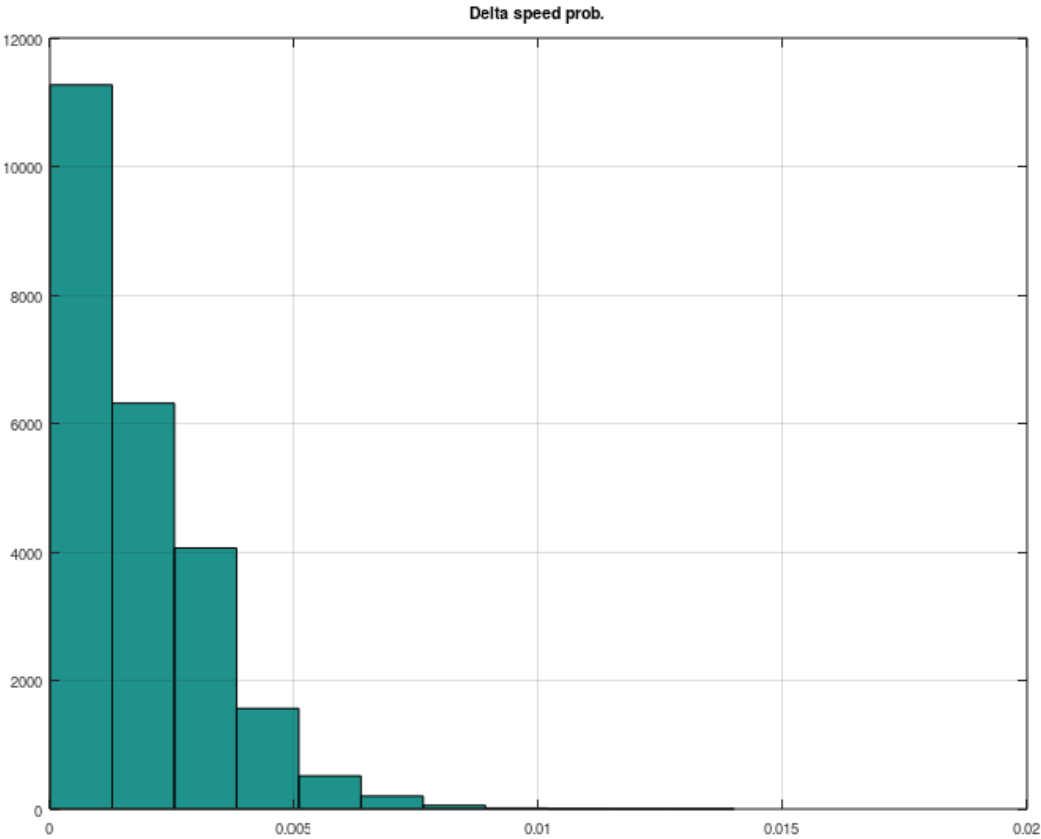
Delta speed prob. notes

[Notes]

Delta speed prob. chart



Delta speed prob. histogram



Delta sensor direction prob.

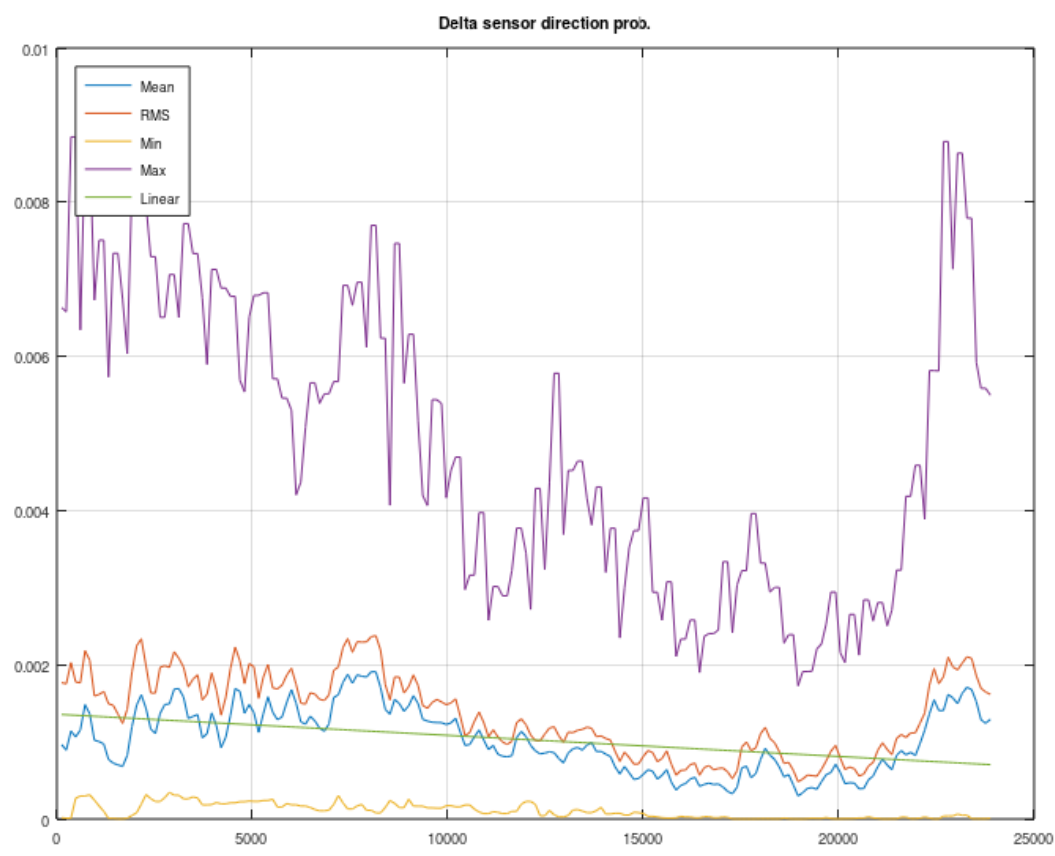
| KPI | |
|--------|----------|
| Mean | 0.00103 |
| RMS | 0.00146 |
| Min | 1.8e-07 |
| Median | 0.000711 |
| Max | 0.00906 |
| Trend | Linear |
| From | 0.00136 |
| To | 0.000701 |

| 0.000412 | 0.00124 | 0.00206 | 0.00288 | 0.00371 | 0.00453 | 0.00536 | 0.00618 | 0.007 | 0.00783 | 0.00865 |
|----------|---------|---------|---------|---------|---------|---------|---------|-------|---------|---------|
| 13408 | 6029 | 2520 | 1022 | 522 | 253 | 127 | 73 | 29 | 10 | 7 |

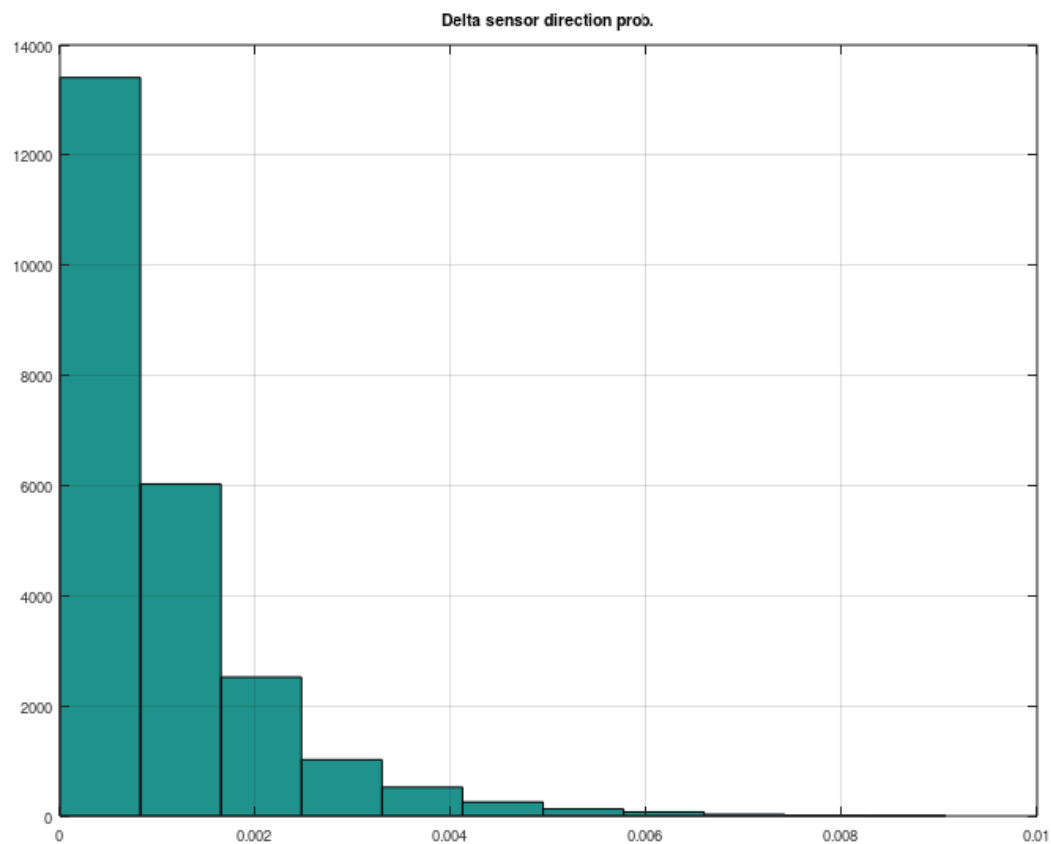
Delta sensor direction prob. notes

[Notes]

Delta sensor direction prob. chart



Delta sensor direction prob. histogram



Advantage residual estimation (critic)

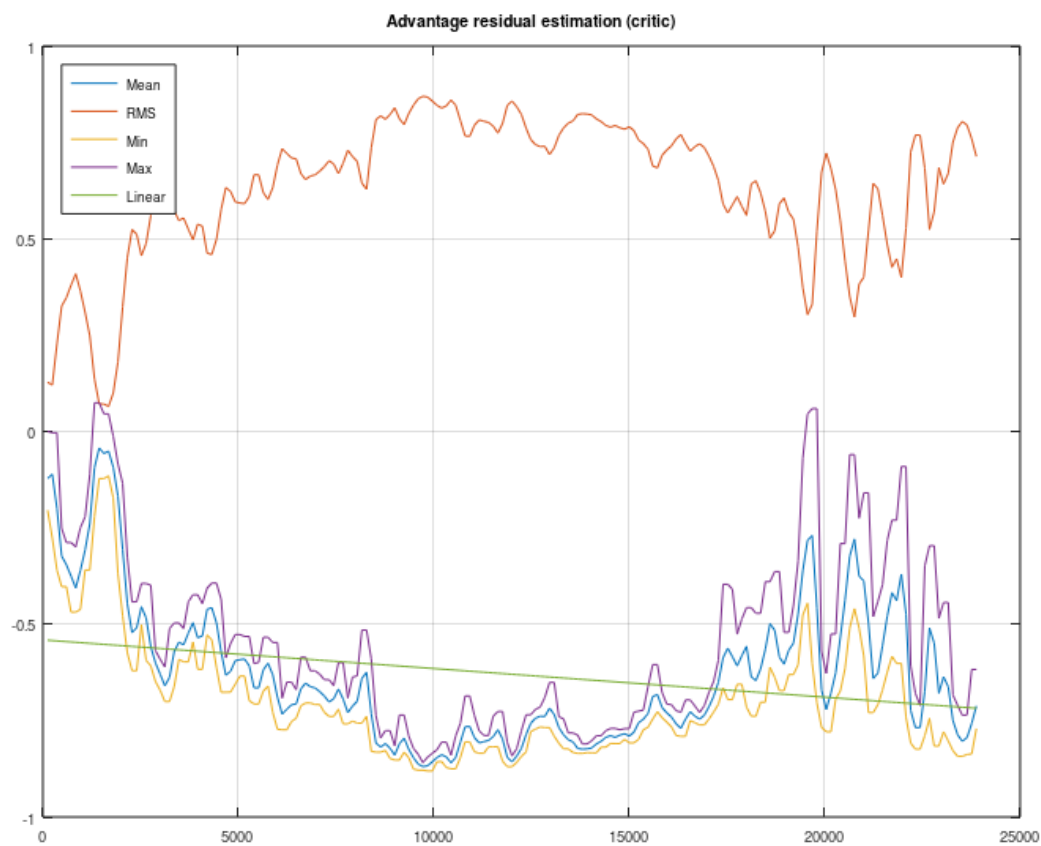
| KPI | |
|--------|--------|
| Mean | -0.63 |
| RMS | 0.659 |
| Min | -0.881 |
| Median | -0.682 |
| Max | 0.0744 |
| Trend | Linear |
| From | -0.541 |
| To | -0.719 |

| | | | | | | | | | | |
|--------|--------|--------|--------|-------|--------|--------|-------|--------|---------|--------|
| -0.837 | -0.751 | -0.664 | -0.577 | -0.49 | -0.403 | -0.316 | -0.23 | -0.143 | -0.0559 | 0.0309 |
| 4739 | 5929 | 4328 | 3249 | 1948 | 1296 | 883 | 373 | 625 | 477 | 153 |

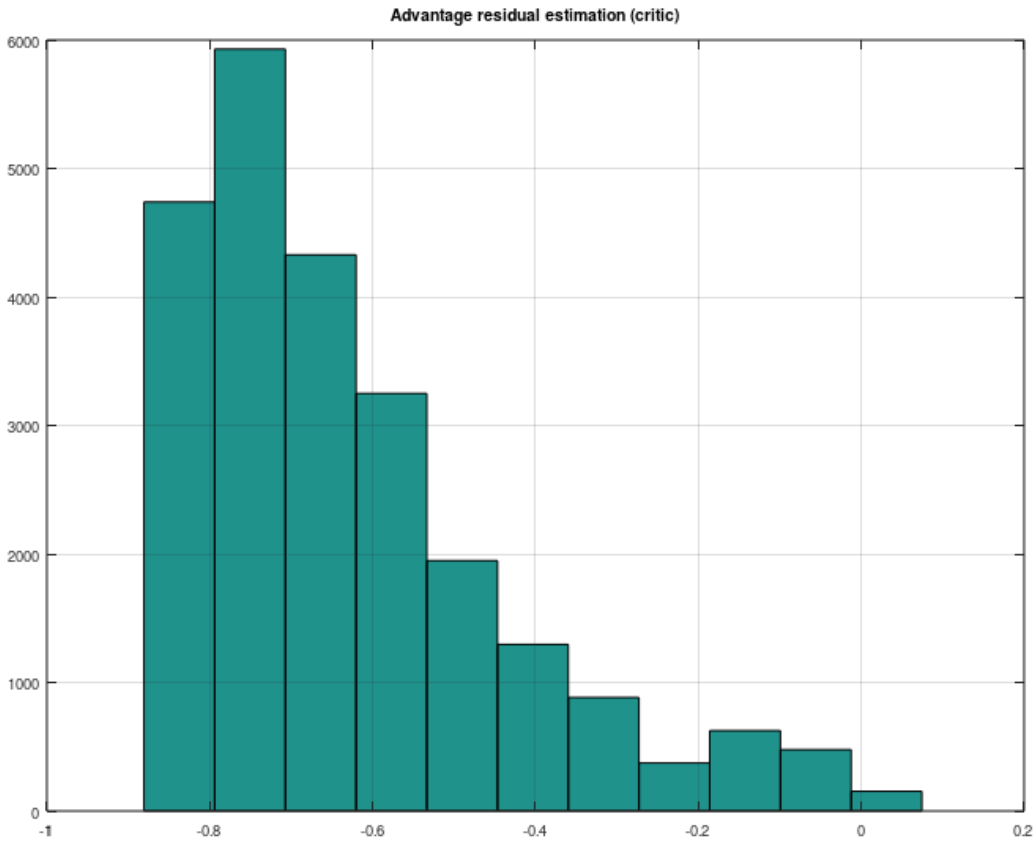
Advantage residual estimation (critic) notes

[Notes]

Advantage residual estimation (critic) chart



Advantage residual estimation (critic) histogram



Halt gradient

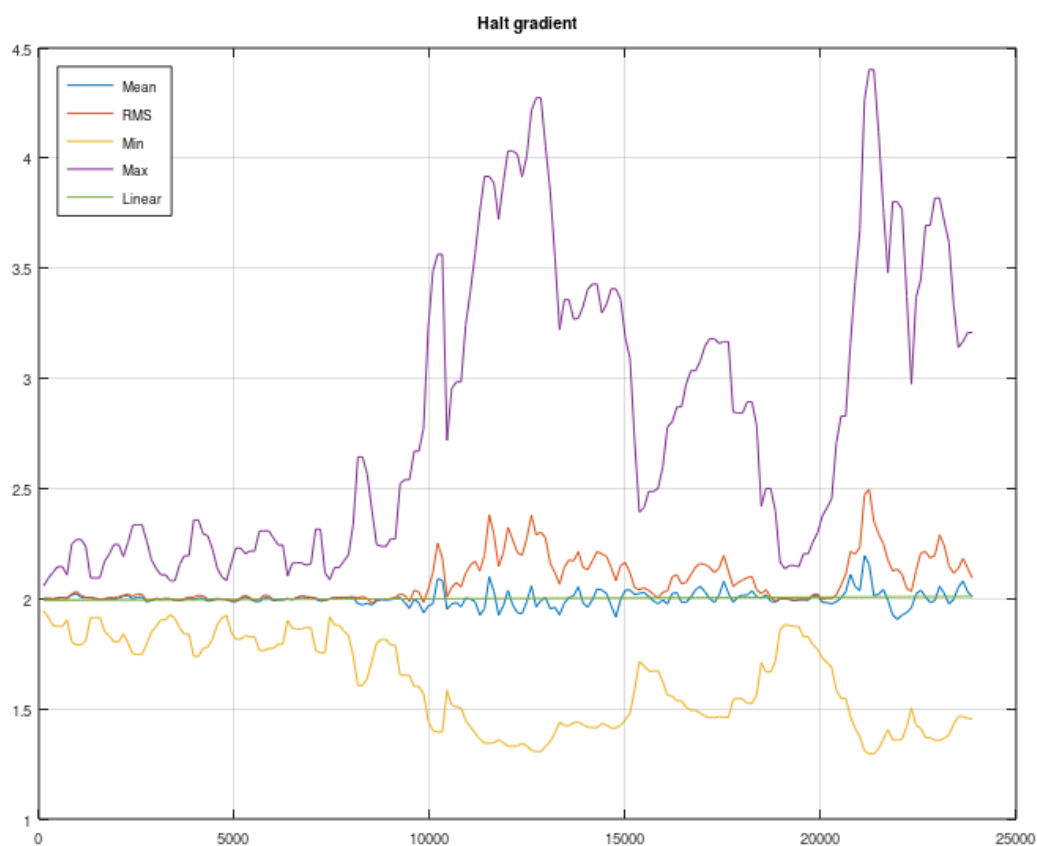
| KPI | |
|--------|--------|
| Mean | 2 |
| RMS | 2.08 |
| Min | 1.3 |
| Median | 1.91 |
| Max | 4.4 |
| Trend | Linear |
| From | 1.99 |
| To | 2.01 |

| | | | | | | | | | | |
|------|------|------|------|------|------|------|------|-----|------|------|
| 1.44 | 1.72 | 2 | 2.28 | 2.57 | 2.85 | 3.13 | 3.41 | 3.7 | 3.98 | 4.26 |
| 6555 | 4095 | 7169 | 2295 | 821 | 952 | 856 | 600 | 331 | 263 | 63 |

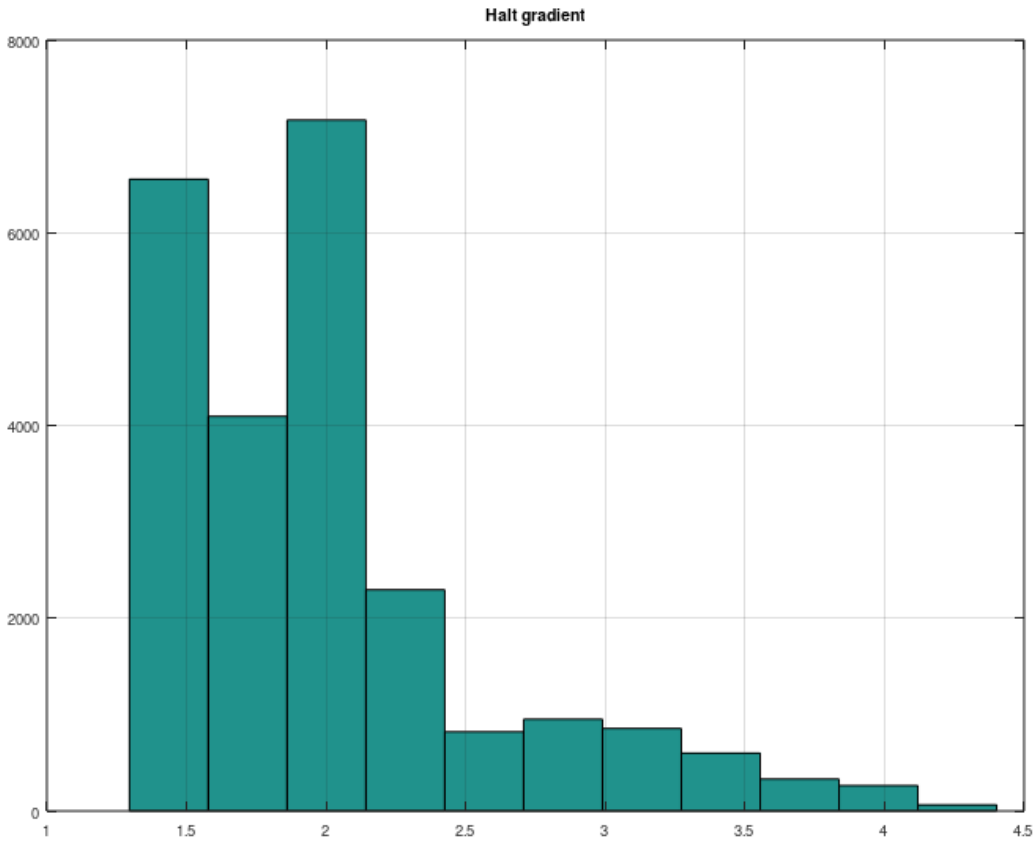
Halt gradient notes

[Notes]

Halt gradient chart



Halt gradient histogram



Direction gradient

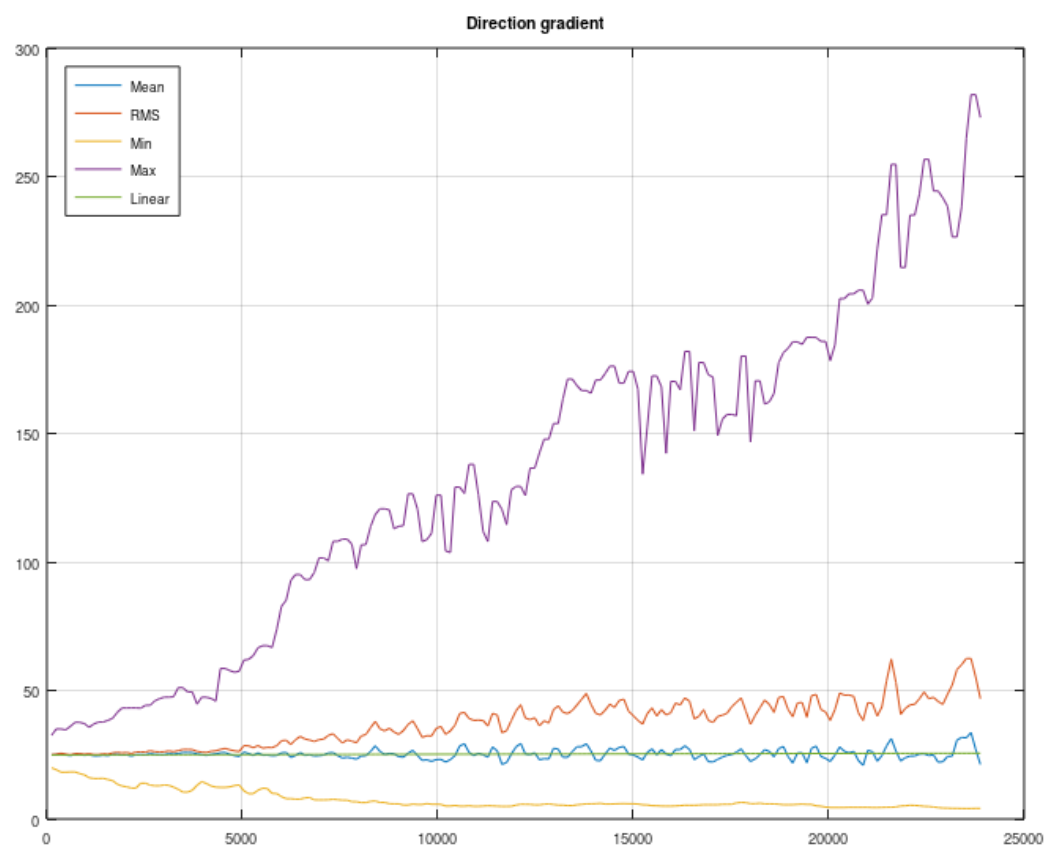
| KPI | |
|--------|--------|
| Mean | 25.2 |
| RMS | 38.3 |
| Min | 4.06 |
| Median | 15.9 |
| Max | 282 |
| Trend | Linear |
| From | 24.9 |
| To | 25.6 |

| | | | | | | | | | | |
|-------|------|------|------|-----|-----|-----|-----|-----|-----|-----|
| 16.7 | 41.9 | 67.2 | 92.4 | 118 | 143 | 168 | 193 | 219 | 244 | 269 |
| 18163 | 3227 | 1166 | 672 | 408 | 183 | 106 | 37 | 22 | 12 | 4 |

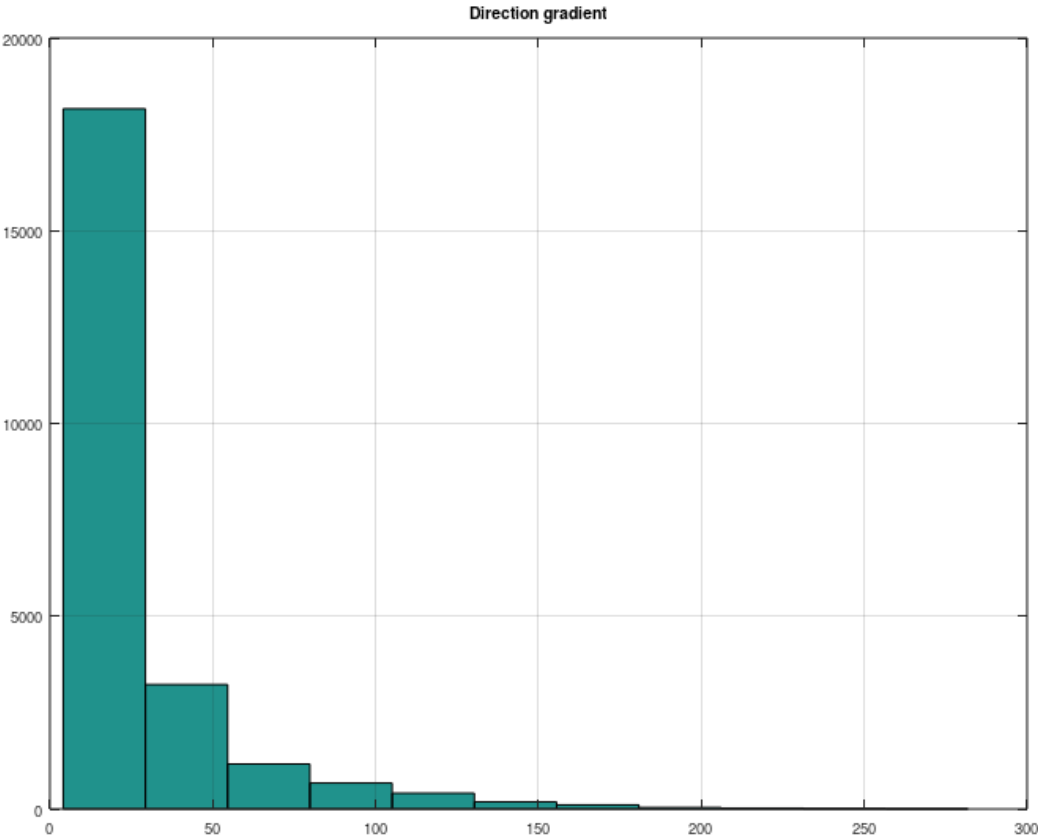
Direction gradient notes

[Notes]

Direction gradient chart



Direction gradient histogram



Speed gradient

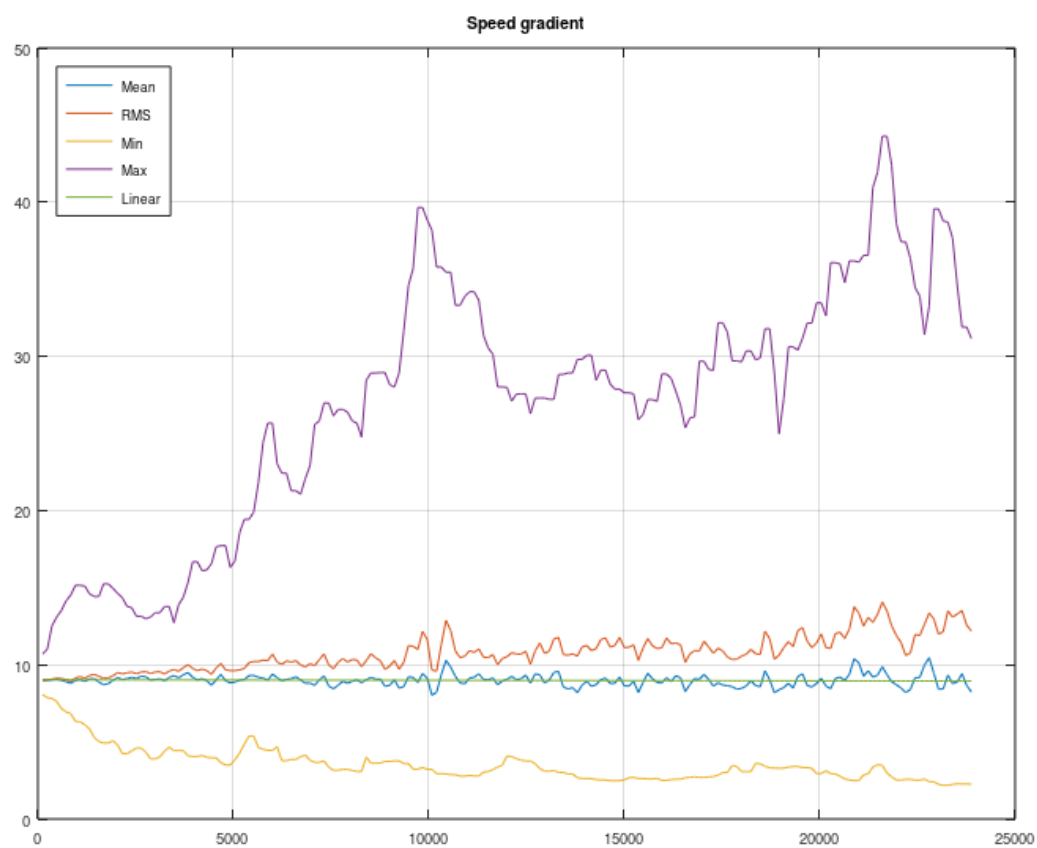
| KPI | |
|--------|--------|
| Mean | 8.98 |
| RMS | 10.8 |
| Min | 2.18 |
| Median | 8.09 |
| Max | 44.3 |
| Trend | Linear |
| From | 9.02 |
| To | 8.94 |

| | | | | | | | | | | |
|------|------|------|------|------|------|------|------|------|------|------|
| 4.1 | 7.92 | 11.7 | 15.6 | 19.4 | 23.2 | 27.1 | 30.9 | 34.7 | 38.5 | 42.4 |
| 8677 | 7125 | 4665 | 1469 | 764 | 499 | 481 | 177 | 108 | 25 | 10 |

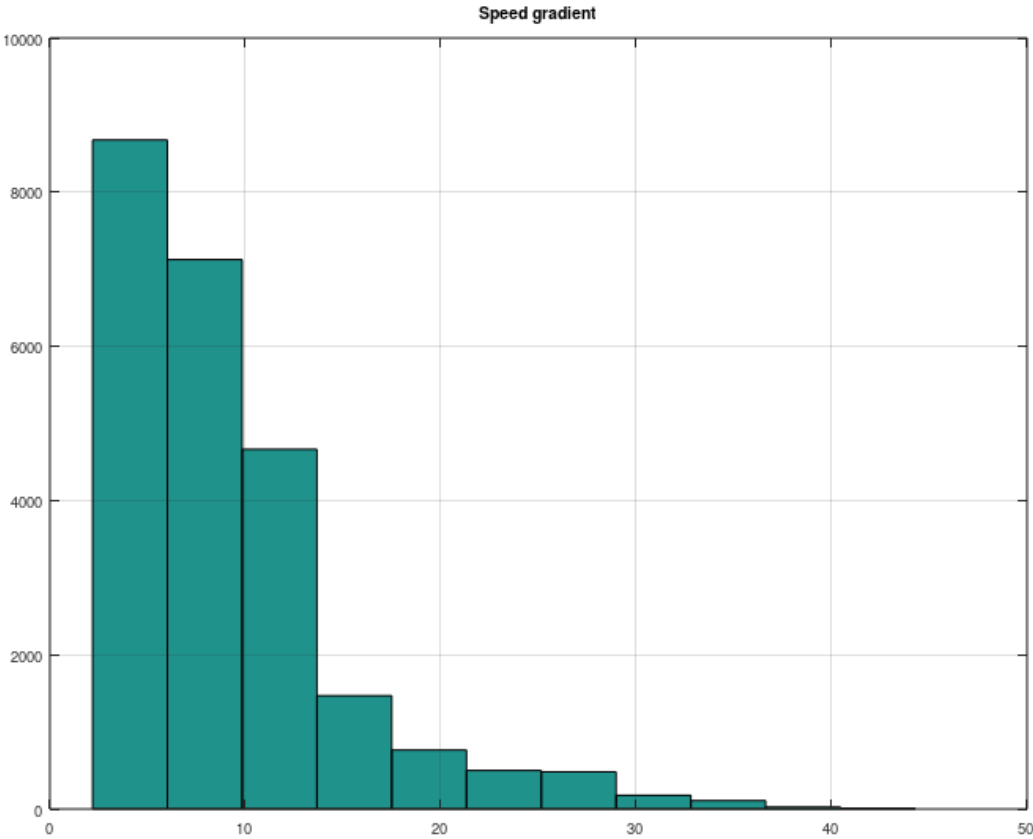
Speed gradient notes

[Notes]

Speed gradient chart



Speed gradient histogram



Sensor direction gradient

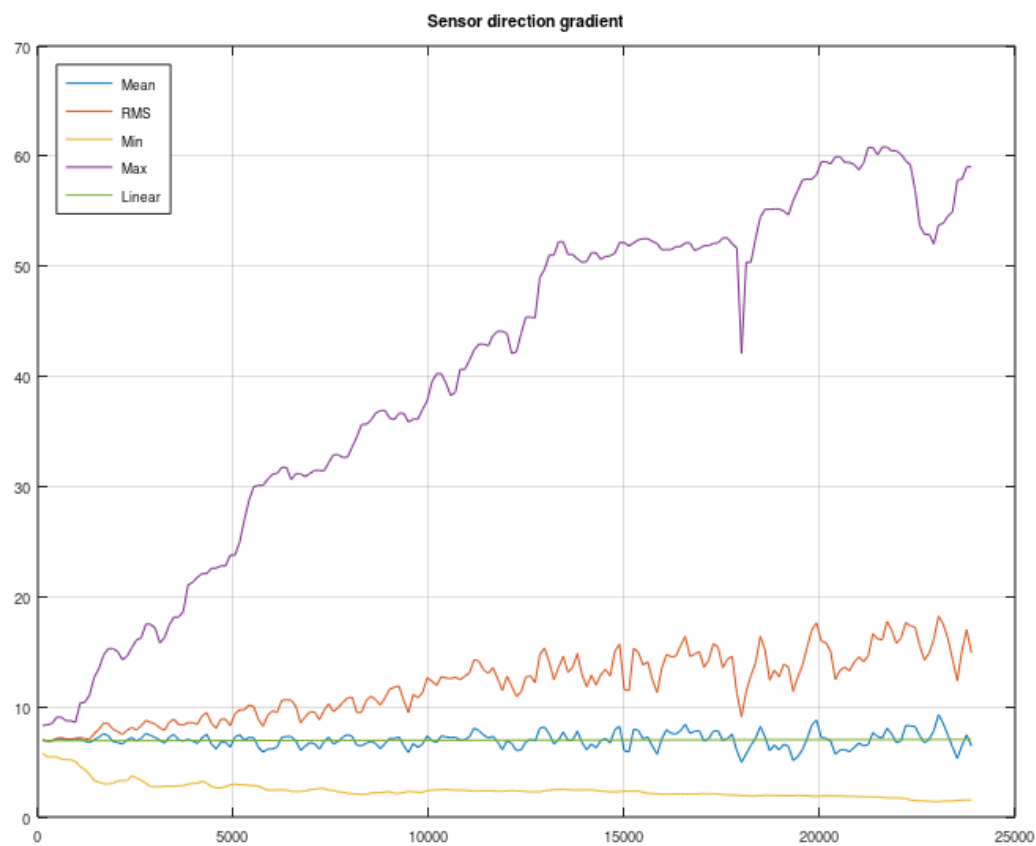
| KPI | |
|--------|--------|
| Mean | 6.97 |
| RMS | 12.3 |
| Min | 1.39 |
| Median | 2.85 |
| Max | 60.8 |
| Trend | Linear |
| From | 6.91 |
| To | 7.04 |

| 4.09 | 9.49 | 14.9 | 20.3 | 25.7 | 31.1 | 36.5 | 41.9 | 47.3 | 52.7 | 58.1 |
|-------|------|------|------|------|------|------|------|------|------|------|
| 18389 | 2519 | 917 | 276 | 259 | 411 | 446 | 344 | 146 | 187 | 106 |

Sensor direction gradient notes

[Notes]

Sensor direction gradient chart



Sensor direction gradient histogram

