| | | C | onfu | sion | Mat | rices | for | Para | llel | Model | | | |
|-----------------|---------|------|------|------|---------------------------------|---------------|-------|-------------|-------|-------|--|----------------------------|--|
| | | | | | (a) S | SNR = | 0 dB | | | | | 1.0 | |
| | 00K - | 0.97 | 0.03 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | | |
| | 4ASK - | 0.05 | 0.73 | 0.22 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | - 0.8 | |
| | 8ASK - | 0.00 | 0.26 | 0.74 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | | |
| Į. | BPSK - | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | - 0.6 - | |
| | QPSK - | 0.00 | 0.00 | 0.00 | 0.00 | 0.42 | 0.37 | 0.01 | 0.00 | 0.20 | | o b Normalized Count | |
| | 8PSK - | 0.00 | 0.00 | 0.00 | 0.00 | 0.40 | 0.39 | 0.01 | 0.00 | 0.21 | | - 0.4 N | |
| | 16QAM - | 0.00 | 0.00 | 0.00 | 0.00 | 0.02 | 0.03 | 0.23 | 0.41 | 0.31 | | | |
| | 64QAM - | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.02 | 0.22 | 0.55 | 0.21 | | - 0.2 | |
| | OQPSK - | 0.00 | 0.00 | 0.00 | 0.00 | 0.05 | 0.14 | 0.05 | 0.07 | 0.69 | | | |
| | | oot | ARST | 8AST | BRIST | orest | 885x | 160AM | 6AOAM | OOPSY | | - 0.0 | |
| | | | | | Predicted Label (b) SNR = 10 dB | | abel | ' Y' | • | O | | | |
| | OOK - | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | 1.0 | |
| | 4ASK - | 0.00 | 0.89 | 0.11 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | | |
| | 8ASK - | 0.00 | 0.13 | 0.87 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | - 0.8 | |
| | BPSK - | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | - 0 6 [‡] | |
| True Label | QPSK - | 0.00 | 0.00 | 0.00 | 0.00 | 0.99 | 0.01 | 0.00 | 0.00 | 0.00 | | o b Normalized Count | |
| | 8PSK - | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | | - Normali | |
| | 16QAM - | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.98 | 0.02 | 0.00 | | | |
| | 64QAM - | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.04 | 0.96 | 0.00 | | - 0.2 | |
| | OQPSK - | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | | | |
| | | oot | ast | ast | BRST | ast | 88st | 760AM | GAOAM | apst. | | - 0.0 | |
| | | O | Ø, | φ, | | လ licted L | | 260 | 600 | 00, | | | |
| | | | | | (c) SI | VR = 3 | 80 dB | | | | | 1.0 | |
| | OOK - | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | | |
| | 4ASK - | 0.00 | 0.90 | 0.10 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | - 0.8 | |
| | 8ASK - | 0.00 | 0.13 | 0.87 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | | |
|)el | BPSK - | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | 30unt | |
| | QPSK - | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 | | o b Normalized Count | |
| | 8PSK - | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | | - 0.4 E | |
| | 16QAM - | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.99 | 0.01 | 0.00 | | | |
| | 64QAM - | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.03 | 0.97 | 0.00 | | - 0.2 | |
| | OQPSK - | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | | 0.0 | |
| | | oot | ARST | SAST | BRST | dest | 885t | 160AM | GAOAM | odest | | - 0.0 | |
| Predicted Label | | | | | | | | | | | | | |