|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Number of Features | Accuracy of t-way combinations of features, % | | | | | Max Accuracy, % |
| 2-Way | 3-way | 4-way | 5-way | 6-way |
| 6 | 67.16 | 67.13 | 67.23 | 67.4 | 67.50 | 67.46 |
| 8 | 67.73 | 68.53 | 69.10 | 69.10 | 69.06 | 69.10 |
| 10 | 69.03 | 69.90 | 70.33 | 70.63 | 70.60 | 70.63 |
| 12 | 69.40 | 70.60 | 70.60 | 70.83 | 70.96 | 70.96 |
| 14 | 70.60 | 70.96 | 71.06 | 71.13 | 71.53 | 71.53 |
| 16 | 70.83 | 71.23 | 71.50 | 71.53 | 71.60 | 71.60 |
| 18 | 71.63 | 71.66 | 71.90 | 72.23 | 72.23 | 72.23 |
| 20 | 71.76 | 71.96 | 71.86 | 72.03 | 71.96 | 72.03 |
| 22 | 71.73 | 71.83 | 71.96 | 72.00 | 72.00 | 72.00 |
| 24 | 71.90 | 71.83 | 71.90 | 71.86 | 71.90 | 71.90 |
| 26 | 71.90 | 72.00 | 72.00 | 72.00 | 72.00 | 72.00 |
| 28 | 71.93 | 71.93 | 71.93 | - | - | 71.93 |
| 30 | 71.10 | - | - | - | - | 71.10 |
| 32 | 71.06 | - | - | - | - | 71.06 |

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Index of Combination | S-Polarized Features | | | | | P-Polarized Features | | | | | Accuracy,% |
| 1-CON  13- CLS  14-CLP  16-MAP | 7-SEN  9-ENT  10-DEN | 3-COR  6-SAV  17-MEA | 2-CON  5-IDM  11-DVA  12-DIS | 4-VAR  8-SVA | 21-ASM  33-CLS  34-CLP  36-MAP | 27-SEN  29-ENT  30-DEN | 23-COR  26-SAV  37-MEA | 22-CON  25-IDM  31-DVA  32-DIS | 24-VAR  28-SVA |
| 1 | 1 | 9 | 6 | 5 | 8 | 21 | 29 | 26 | 25 | 28 | 67.36 |
| 2 | 1 | 10 | 17 | 11 | 4 | 33 | 30 | 37 | 31 | 24 | 68.06 |
| 3 | 1 | 7 | 3 | 12 | 8 | 34 | 27 | 23 | 32 | 24 | 65.26 |
| 4 | 1 | 9 | 17 | 2 | 4 | 36 | 27 | 26 | 22 | 28 | 65.73 |
| 5 | 13 | 10 | 3 | 11 | 4 | 21 | 29 | 37 | 32 | 28 | 65.90 |
| 6 | 13 | 7 | 6 | 12 | 8 | 33 | 30 | 23 | 22 | 28 | 66.53 |
| 7 | 13 | 10 | 17 | 2 | 8 | 34 | 27 | 37 | 25 | 24 | 68.00 |
| 8 | 13 | 7 | 3 | 5 | 4 | 36 | 29 | 23 | 31 | 24 | 67.90 |
| 9 | 14 | 9 | 17 | 12 | 8 | 21 | 30 | 26 | 31 | 24 | 67.26 |
| 10 | 14 | 7 | 6 | 2 | 4 | 33 | 27 | 37 | 32 | 28 | 66.06 |
| 11 | 14 | 10 | 3 | 5 | 4 | 34 | 29 | 26 | 22 | 24 | 66.26 |
| 12 | 14 | 7 | 6 | 11 | 8 | 36 | 30 | 23 | 25 | 24 | 68.00 |
| 13 | 16 | 7 | 17 | 2 | 4 | 21 | 27 | 23 | 31 | 28 | 67.73 |
| 14 | 16 | 9 | 3 | 5 | 8 | 33 | 30 | 26 | 32 | 24 | 69.03 |
| 15 | 16 | 9 | 6 | 11 | 8 | 34 | 29 | 37 | 22 | 28 | 65.20 |
| 16 | 16 | 10 | 3 | 12 | 4 | 36 | 29 | 37 | 25 | 28 | 68.36 |
| 17 | 13 | 9 | 3 | 2 | 4 | 21 | 30 | 23 | 22 | 28 | 66.70 |
| 18 | 14 | 10 | 6 | 2 | 4 | 33 | 29 | 23 | 25 | 28 | 68.53 |
| 19 | 13 | 7 | 6 | 2 | 8 | 34 | 30 | 26 | 31 | 28 | 65.96 |
| 20 | 13 | 10 | 17 | 5 | 4 | 36 | 27 | 37 | 32 | 28 | 67.73 |
| 21 | 16 | 10 | 17 | 12 | 4 | 36 | 29 | 37 | 22 | 24 | 67.60 |
| 22 | 1 | 9 | 3 | 11 | 4 | 33 | 27 | 26 | 22 | 28 | 64.23 |
| Maximum of accuracy | | | | | | | | | | | 69.03 |
| Minimum of accuracy | | | | | | | | | | | 64.23 |
| Range of accuracy | | | | | | | | | | | 4.80 |
| Average accuracy | | | | | | | | | | | 66.97 |
| Standard Deviation | | | | | | | | | | | 1.23 |
| Index of Variation | | | | | | | | | | | 0.01 |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Number of t-way combinations | | | | | |
| Number of Features | 2-way | 3-way | 4-way | 5-way | 6-way |
| 6 | 52 | 334 | 1783 | 5736 | 15876 |
| 8 | 36 | 161 | 708 | 2575 | 8008 |
| 10 | 22 | 93 | 368 | 1264 | 3802 |
| 12 | 17 | 67 | 225 | 567 | 1754 |
| 14 | 14 | 39 | 119 | 328 | 808 |
| 16 | 12 | 31 | 91 | 205 | 476 |
| 18 | 10 | 25 | 54 | 127 | 272 |
| 20 | 10 | 22 | 47 | 115 | 230 |
| 22 | 10 | 20 | 44 | 93 | 178 |
| 24 | 8 | 18 | 38 | 73 | 120 |
| 26 | 8 | 12 | 28 | 32 | 64 |
| 28 | 6 | 8 | 16 | - | - |
| 30 | 4 | - | - | - | - |
| 32 | 1 | - | - | - | - |