|  | $\begin{gathered} \text { dnn_vad } \\ (27) \end{gathered}$ | energe _vad | dnn_vad <br> (20) | $\begin{gathered} \text { dnn_va } \\ \text { d(25) } \end{gathered}$ | $\begin{aligned} & \text { dnn_va } \\ & \text { d(30) } \end{aligned}$ | $\begin{gathered} \text { dnn_vad } \\ (28) \end{gathered}$ | $\begin{gathered} \text { dnn_va } \\ \text { d(15) } \end{gathered}$ | $\underset{(17)}{\mathrm{dnn} \mathrm{vad}}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1 | 38.11\% | 50.40\% | 38.11\% | 38.11\% | 38.11\% | 38.11\% | 30.32\% | 30.32\% |
| 2 | 5. 19\% | 28.14\% | 5.19\% | 5.19\% | 5.19\% | 5.19\% | 5.19\% | 5.19\% |
| 3 | 4. 83\% | 4.35\% | 4. 83\% | 4. 83\% | 4. 83\% | 4.83\% | 4.83\% | 4. 83\% |
| 4 | 3. $48 \%$ | 38.26\% | 3. $48 \%$ | 3. $48 \%$ | 3. $48 \%$ | 3.48\% | 3. $48 \%$ | 3.48\% |
| 5 | 4. 38\% | 51.80\% | 4. 38\% | 4.38\% | 4. 38\% | 4. 38\% | 4.38\% | 4. 38\% |
| 6 | 20.91\% | 73.30\% | 11.75\% | 20.91\% | 20.91\% | 20.91\% | 11.75\% | 11.75\% |
| 7 | 3.27\% | 74.29\% | 3. $27 \%$ | 3.27\% | 3. $27 \%$ | 3.27\% | 3.27\% | 3.27\% |
| 8 | 15.27\% | 39.19\% | 6. $34 \%$ | 15.27\% | 15.27\% | 15.27\% | 6. 34\% | 6. 34\% |
| 9 | 4. 30\% | 56.04\% | 4. 30\% | 4.30\% | 4. 30\% | 4. 30\% | 4. 30\% | 4. 30\% |
| 10 | 2. $87 \%$ | 52.36\% | 2. $87 \%$ | 2. $87 \%$ | 2. $87 \%$ | 2. 87\% | 8.28\% | 2. $87 \%$ |
| 11 | 1. $80 \%$ | 46. $40 \%$ | 8.38\% | 1.80\% | 1. $80 \%$ | 1. $80 \%$ | 8.38\% | 8.38\% |
| 12 | 6. $25 \%$ | 42.96\% | 6.25\% | 6.25\% | 6. $25 \%$ | 6. 25\% | 6.25\% | 6. $25 \%$ |
| 13 | 5. 59\% | 41.34\% | 5. 59\% | 5.59\% | 5.59\% | 5. 59\% | 5. 59\% | 5. 59\% |
| 14 | 11.21\% | 28.97\% | 11.21\% | 11.21\% | 11.21\% | 11.21\% | 11.21\% | 11.21\% |
| 15 | 16.66\% | 22.77\% | 16.66\% | 16.66\% | 16.66\% | 16.66\% | 16.66\% | 16.66\% |
| 16 | 3.65\% | 41.09\% | 3.65\% | 3.65\% | 3.65\% | 3.65\% | 10.95\% | 3.65\% |
| 17 | 3. 50\% | 44.35\% | 3. 50\% | 3.50\% | 3.50\% | 3. 50\% | 3.50\% | 3.50\% |
| 18 | 20.90\% | 31.14\% | 20.90\% | 20.90\% | 20.90\% | 20.90\% | 20.90\% | 20.90\% |
| 19 | 15.22\% | 23.86\% | 2.05\% | 15.22\% | 15.22\% | 15.22\% | 2.05\% | 2.05\% |
| 20 | 12.78\% | 49.77\% | 1. $83 \%$ | 12.78\% | 12.78\% | 12.78\% | 1.83\% | 1. $83 \%$ |
| 21 | 3. 20\% | 22.37\% | 3. $20 \%$ | 3.20\% | 18.72\% | 18.72\% | 10.50\% | 3. $20 \%$ |
| 22 | 10.50\% | 31.69\% | 5.08\% | 10.50\% | 10.50\% | 10.50\% | 5.08\% | 5.08\% |
| 23 | 11.93\% | 30.24\% | 11.93\% | 11.93\% | 11.93\% | 11.93\% | 11.93\% | 11.93\% |
| 24 | 2. $82 \%$ | 62.67\% | 2. $82 \%$ | 2.82\% | 2. $82 \%$ | 2. $82 \%$ | 2.82\% | 2. $82 \%$ |
| 25 | 2. $58 \%$ | 69.67\% | 2. $58 \%$ | 2.58\% | 21.29\% | 2. $58 \%$ | 2.58\% | 2. 58\% |
| 26 | 8. $45 \%$ | 71.83\% | 8. $45 \%$ | 8. $45 \%$ | 8.45\% | 8. $45 \%$ | 8. $45 \%$ | 8. $45 \%$ |
| 27 | 9.02\% | 52.45\% | 9.02\% | 9.02\% | 9.02\% | 9.02\% | 9.02\% | 9.02\% |
| 28 | 20.57\% | 55. $50 \%$ | 21.05\% | 20.57\% | 7.66\% | 7.66\% | 21.05\% | 21.05\% |
| 29 | 3. $52 \%$ | 45.77\% | 3.52\% | 3.52\% | 3. $52 \%$ | 3.52\% | 3.52\% | 3.52\% |
| 30 | 3. 89\% | 22.76\% | 3.89\% | 3.89\% | 3. 89\% | 3.89\% | 3.89\% | 3.89\% |
| 31 | 2. $50 \%$ | 13.75\% | 2. $50 \%$ | 2.50\% | 2. 50\% | 2. 50\% | 2.50\% | 2. $50 \%$ |
| 32 | 1. $53 \%$ | 42.71\% | 1. $53 \%$ | 1.53\% | 1. $53 \%$ | 1. $53 \%$ | 1.53\% | 1.53\% |
| 33 | 3. 56\% | 17.33\% | 3. 56\% | 3.56\% | 3. 56\% | 3. 56\% | 3.56\% | 3. 56\% |
| 34 | 0.78\% | 43.89\% | 0.78\% | 0.78\% | 0.78\% | 0.78\% | 6.23\% | 6.23\% |
| 35 | 21.36\% | 29.91\% | 21.36\% | 21.36\% | 21.36\% | 21.36\% | 21.36\% | 21.36\% |
| 36 | 15.03\% | 66.99\% | 15.03\% | 15.03\% | 15.03\% | 15.03\% | 13.67\% | 13.67\% |
| 37 | 3.19\% | 12.44\% | 3.19\% | 3.19\% | 3.19\% | 3.19\% | 3.19\% | 3.19\% |
| 38 | 18.34\% | 66.27\% | 18.34\% | 18.34\% | 38.46\% | 18.34\% | 18.34\% | 18.34\% |
| 39 | 15.78\% | 40.78\% | 15.78\% | 15.78\% | 15.78\% | 15.78\% | 56.57\% | 56.57\% |
| 40 | 1.95\% | 25.87\% | 1.95\% | 1.95\% | 1.95\% | 1.95\% | 1.95\% | 1.95\% |
| 41 | 2.67\% | 75.40\% | 2.67\% | 2.67\% | 2.67\% | 2.67\% | 2.67\% | 2.67\% |
| 42 | 21.30\% | 45.21\% | 21.30\% | 21.30\% | 21.30\% | 21.30\% | 21.30\% | 21.30\% |
| 43 | 21.42\% | 21.59\% | 14.93\% | 21.42\% | 21.42\% | 21.42\% | 3.90\% | 14.93\% |
| 44 | 5.06\% | 56.96\% | 5.06\% | 5.06\% | 5.06\% | 5.06\% | 5.06\% | 5.06\% |
| 45 | 9.01\% | 63.96\% | 9.01\% | 9.01\% | 9.01\% | 9.01\% | 9.01\% | 9.01\% |
| 46 | 29.56\% | 68.69\% | 10.43\% | 29.56\% | 29.56\% | 29.56\% | 10.43\% | 10.43\% |
| 47 | 3. $41 \%$ | 25.85\% | 3. $41 \%$ | 3.41\% | 3. $41 \%$ | 3. $41 \%$ | 3.41\% | 3.41\% |
| 48 | 6.11\% | 66.11\% | 6.11\% | 6.11\% | 6.11\% | 6.11\% | 6.11\% | 6.11\% |
| 49 | 4.79\% | 79.04\% | 4.79\% | 4.79\% | 4.79\% | 4.79\% | 4.79\% | 4.79\% |
| 50 | 7.19\% | 62.87\% | 7.19\% | 7.19\% | 7.19\% | 7.19\% | 7.19\% | 7.19\% |
| 51 | 2. 17\% | 64. 34\% | 2.17\% | 2.17\% | 2.17\% | 2.17\% | 2.17\% | 2.17\% |


| 52 | 3. 04\% | 69.56\% | 3. 04\% | 3. 04\% | 3.04\% | 3.04\% | 3.04\% | 3. 04\% |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 53 | 11.66\% | 60.55\% | 11.66\% | 11.66\% | 11.66\% | 11.66\% | 11.66\% | 11.66\% |
| 54 | 8.78\% | 49.75\% | 30.24\% | 30.24\% | 8.78\% | 8.78\% | 21.95\% | 21.95\% |
| 55 | 4. $07 \%$ | 47.03\% | 4. $07 \%$ | 4. 07\% | 4.07\% | 4. 07\% | 4.07\% | 4. $07 \%$ |
| 56 | 16.36\% | 70.00\% | 16.36\% | 16.36\% | 16.36\% | 16.36\% | 16.36\% | 16.36\% |
| 57 | 7.49\% | 15.41\% | 7.49\% | 7.49\% | 7.49\% | 7.49\% | 7.49\% | 7.49\% |
| 58 | 7.91\% | 70.62\% | 7.91\% | 7.91\% | 7.91\% | 7.91\% | 7.91\% | 7.91\% |
| 59 | 11.57\% | 11.98\% | 11.57\% | 11.57\% | 11.57\% | 11.57\% | 11.57\% | 11.57\% |
| 60 | 4.41\% | 15.59\% | 4.41\% | 4.41\% | 4.41\% | 4. 41\% | 4.41\% | 4. $41 \%$ |
| 61 | 15.54\% | 82.90\% | 15.54\% | 15.54\% | 15.54\% | 15.54\% | 15.54\% | 15.54\% |
| 62 | 9.79\% | 15.73\% | 9.79\% | 9.79\% | 9.79\% | 9.79\% | 15.38\% | 9.79\% |
| 63 | 5.67\% | 51.77\% | 5.67\% | 5. 67\% | 5.67\% | 5.67\% | 5.67\% | 5. 67\% |
| 64 | 12.82\% | 61.33\% | 12.82\% | 12.82\% | 12.82\% | 12.82\% | 12.82\% | 12.82\% |
| 65 | 2.21\% | 69.91\% | 2.21\% | 2.21\% | 2.21\% | 2. $21 \%$ | 15.04\% | 15.04\% |
| 66 | 6.87\% | 50.90\% | 18.91\% | 6. 87\% | 9.46\% | 6.87\% | 13.86\% | 13.86\% |
| 67 | 19.89\% | 57.39\% | 26.07\% | 19.89\% | 19.89\% | 19.89\% | 30.91\% | 26.07\% |
| 68 | 2.85\% | 38.40\% | 2.85\% | 2. 85\% | 2.85\% | 2. 85\% | 2.85\% | 2.85\% |
| 69 | 1.11\% | 71.11\% | 1.11\% | 1.11\% | 1.11\% | 1.11\% | 1.11\% | 1.11\% |
| 70 | 3.23\% | 66. $45 \%$ | 3.23\% | 3. 23\% | 3. 23\% | 3. 23\% | 14.19\% | 14.19\% |
| 71 | 2.96\% | 35.92\% | 2.96\% | 2.96\% | 2.96\% | 2. $96 \%$ | 2. 96\% | 2. $96 \%$ |
| 72 | 20.00\% | 78.88\% | 1.67\% | 20.00\% | 20.00\% | 20.00\% | 1.67\% | 1. $67 \%$ |
| 73 | 1.67\% | 63.33\% | 1.67\% | 1.67\% | 1.67\% | 1. $67 \%$ | 1. $67 \%$ | 1. $67 \%$ |
| 74 | 1.30\% | 51.29\% | 1.30\% | 1.30\% | 1.30\% | 1. 30\% | 1. $30 \%$ | 1. $30 \%$ |
| 75 | 1.78\% | 42.77\% | 7.94\% | 7.94\% | 1.78\% | 1.78\% | 7.94\% | 7.94\% |
| 76 | 3.33\% | 21.48\% | 3.33\% | 3.33\% | 3.33\% | 3. 33\% | 3.33\% | 3. $33 \%$ |
| 77 | 1.66\% | 51.98\% | 1.66\% | 1.66\% | 1.66\% | 1. $66 \%$ | 1.66\% | 1. $66 \%$ |
| 78 | 2.96\% | 55.18\% | 2.96\% | 2.96\% | 2.96\% | 2. 96\% | 9. $26 \%$ | 2. $96 \%$ |
| 79 | 2. $80 \%$ | 33.64\% | 2. $80 \%$ | 2. 80\% | 2.80\% | 2. $80 \%$ | 2.80\% | 2. $80 \%$ |
| 80 | 5.74\% | 57.37\% | 29.91\% | 29.91\% | 5.74\% | 5.74\% | 21.72\% | 21.72\% |
| 81 | 4.06\% | 70.05\% | 4.06\% | 4.06\% | 4.06\% | 4.06\% | 4.06\% | 4.06\% |
| 82 | 6. $67 \%$ | 43.80\% | 6. $67 \%$ | 6. $67 \%$ | 6. $67 \%$ | 6.67\% | 6.67\% | 6. $67 \%$ |
| 83 | 1.26\% | 17.71\% | 1.26\% | 1.26\% | 1.26\% | 1. $26 \%$ | 1.26\% | 1. $26 \%$ |
| 84 | 2. 10\% | 38.32\% | 2. 10\% | 2. 10\% | 2. 10\% | 2. 10\% | 2. 10\% | 2. 10\% |
| 85 | 2.17\% | 30.43\% | 2.17\% | 2.17\% | 2.17\% | 2. 17\% | 2.17\% | 2. $17 \%$ |
| 86 | 31.13\% | 23.95\% | 31.13\% | 31.13\% | 13.77\% | 31.13\% | 31.13\% | 31.13\% |
| 87 | 38.09\% | 58.33\% | 38.09\% | 38.09\% | 38.09\% | 38.09\% | 23.80\% | 23.80\% |
| 88 | 5.00\% | 26.11\% | 5.00\% | 5.00\% | 5.00\% | 5.00\% | 5.00\% | 5.00\% |
| 89 | 2.78\% | 50.55\% | 2.78\% | 2. $78 \%$ | 2.78\% | 2. $78 \%$ | 2. 78\% | 2. $78 \%$ |
| 90 | 3.25\% | 5.62\% | 3.25\% | 3.25\% | 3.25\% | 3.25\% | 3.25\% | 3. $25 \%$ |
| 91 | 2.62\% | 66.56\% | 2.62\% | 2. $62 \%$ | 11.04\% | 11.04\% | 2.62\% | 2.62\% |
| 92 | 3.65\% | 77.16\% | 3.65\% | 3.65\% | 3.65\% | 3.65\% | 3.65\% | 3. $65 \%$ |
| 93 | 4.39\% | 74.63\% | 4.39\% | 4. 39\% | 4.39\% | 4. 39\% | 4. 39\% | 4. $39 \%$ |
| 94 | 2.96\% | 15.38\% | 2.96\% | 2.96\% | 2.96\% | 2. $96 \%$ | 2.96\% | 2. $96 \%$ |
| 95 | 1.96\% | 55.18\% | 1.96\% | 1.96\% | 1.96\% | 1. $96 \%$ | 7. 28\% | 1. $96 \%$ |
| 96 | 1.55\% | 50.25\% | 12.95\% | 1.55\% | 1.55\% | 1. $55 \%$ | 12.95\% | 12.95\% |
| 97 | 2.03\% | 63.72\% | 2.03\% | 2.03\% | 2.03\% | 2.03\% | 2.03\% | 2.03\% |
| 98 | 4.22\% | 50.97\% | 4. $22 \%$ | 4. $22 \%$ | 4. $22 \%$ | 4. $22 \%$ | 4. $22 \%$ | 4. $22 \%$ |
| 99 | 13.83\% | 29.39\% | 13.83\% | 13.83\% | 13.83\% | 13.83\% | 13.83\% | 13.83\% |
| 100 | 2.10\% | 29.94\% | 2.10\% | 2.10\% | 2.10\% | 2. 10\% | 2.10\% | 2. $10 \%$ |
| 101 | 1.66\% | 6.15\% | 1.66\% | 1.66\% | 1.66\% | 1. $66 \%$ | 1.66\% | 1. $66 \%$ |
| 102 | 3.01\% | 5.72\% | 3.01\% | 3.01\% | 3.01\% | 3.01\% | 3.01\% | 3.01\% |
| 103 | 11.11\% | 71.11\% | 11.11\% | 11.11\% | 27.77\% | 11.11\% | 11.11\% | 11.11\% |
| 104 | 3.89\% | 50.77\% | 3.89\% | 3.89\% | 3.89\% | 3.89\% | 3.89\% | 3.89\% |
| 105 | 2.31\% | 16.85\% | 2.31\% | 2. $31 \%$ | 2. $31 \%$ | 2. $31 \%$ | 2.31\% | 2. $31 \%$ |


| 106 | 1.80\% | 19.61\% | 1.80\% | 1.80\% | 1. $80 \%$ | 1.80\% | 1.80\% | 1.80\% |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 107 | 23.20\% | 17.12\% | 23.20\% | 23.20\% | 23.20\% | 23. $20 \%$ | 23.20\% | 23. $20 \%$ |
| 108 | 3.07\% | 76.81\% | 3.07\% | 3.07\% | 3.07\% | 3.07\% | 3.07\% | 3.07\% |
| 109 | 3.89\% | 40.00\% | 3.89\% | 3.89\% | 3. 89\% | 3.89\% | 3.89\% | 3. $89 \%$ |
| 110 | 3.98\% | 54. $22 \%$ | 3.98\% | 3.98\% | 3.98\% | 3.98\% | 3.98\% | 3.98\% |
| 111 | 1.74\% | 36.30\% | 10.86\% | 1.74\% | 1. $74 \%$ | 1. $74 \%$ | 10.86\% | 10.86\% |
| 112 | 1.77\% | 32.68\% | 1.77\% | 1.77\% | 1. $77 \%$ | 1. $77 \%$ | 1.77\% | 1.77\% |
| 113 | 0.67\% | 25.83\% | 5.35\% | 0.67\% | 0.67\% | 0.67\% | 5.35\% | 5.35\% |
| 114 | 4. $88 \%$ | 59.51\% | 4. $88 \%$ | 4.88\% | 4. 88\% | 4.88\% | 4.88\% | 4.88\% |
| 115 | 9.15\% | 54.92\% | 9.15\% | 9.15\% | 9.15\% | 9.15\% | 9.15\% | 9.15\% |
| 116 | 3.01\% | 57.14\% | 3.01\% | 3.01\% | 3.01\% | 3.01\% | 3.01\% | 3.01\% |
| 117 | 9.57\% | 6.09\% | 9.57\% | 9.57\% | 9.57\% | 9.57\% | 9.57\% | 9.57\% |
| 118 | 3.33\% | 72.77\% | 3.33\% | 3.33\% | 3. $33 \%$ | 3.33\% | 3.33\% | 3. 33\% |
| 119 | 5.56\% | 14.58\% | 5.56\% | 5.56\% | 5. 56\% | 5.56\% | 5.56\% | 5. 56\% |
| 120 | 2. $49 \%$ | 64. $48 \%$ | 2. $49 \%$ | 2.49\% | 2. $49 \%$ | 2. $49 \%$ | 2. 49\% | 2. 49\% |
| 121 | 6.85\% | 58.44\% | 6.85\% | 6.85\% | 6.85\% | 6.85\% | 6.85\% | 6.85\% |
| 122 | 2.07\% | 68.91\% | 2.07\% | 2.07\% | 2.07\% | 2. $07 \%$ | 2.07\% | 2. $07 \%$ |
| 123 | 6.52\% | 82.17\% | 6.52\% | 6.52\% | 6. 52\% | 6. 52\% | 6.52\% | 6. 52\% |
| 124 | 12.27\% | 62.27\% | 30.53\% | 12.27\% | 12.27\% | 12.27\% | 44.01\% | 36.52\% |
| 125 | 2. $46 \%$ | 31.96\% | 2. $46 \%$ | 2. $46 \%$ | 2. $46 \%$ | 2. $46 \%$ | 2. $46 \%$ | 2. $46 \%$ |
| 126 | 12.24\% | 19.72\% | 12.24\% | 12.24\% | 12.24\% | 12.24\% | 12.24\% | 12.24\% |
| 127 | 1. $48 \%$ | 63.33\% | 1.48\% | 1. $48 \%$ | 1. $48 \%$ | 1. $48 \%$ | 7.78\% | 1. $48 \%$ |
| 128 | 6.67\% | 46.11\% | 6.67\% | 6.67\% | 6.67\% | 6.67\% | 6.67\% | 6. $67 \%$ |
| 129 | 9.58\% | 32.33\% | 9.58\% | 9.58\% | 9.58\% | 9.58\% | 9.58\% | 9.58\% |
| 130 | 24.46\% | 18.08\% | 24.46\% | 24.46\% | 24.46\% | 24.46\% | 30.85\% | 30.85\% |
| 131 | 4.66\% | 57.51\% | 4.66\% | 4.66\% | 4. 66\% | 4.66\% | 4.66\% | 4. $66 \%$ |
| 132 | 2. $62 \%$ | 31.42\% | 2. $62 \%$ | 2. $62 \%$ | 2. $62 \%$ | 2. $62 \%$ | 2. $62 \%$ | 2. $62 \%$ |
| 133 | 7.63\% | 51.40\% | 7.63\% | 7.63\% | 7.63\% | 7.63\% | 7.63\% | 7.63\% |
| 134 | 3.21\% | 50.00\% | 3.21\% | 3.21\% | 3. $21 \%$ | 3.21\% | 3.21\% | 3. $21 \%$ |
| 135 | 5.38\% | 60.08\% | 5.38\% | 5.38\% | 5. $38 \%$ | 5.38\% | 5.38\% | 5.38\% |
| 136 | 1.23\% | 62.70\% | 1.23\% | 1.23\% | 1. $23 \%$ | 1. $23 \%$ | 13.52\% | 13.52\% |
| average | 7. 49\% | 45. $74 \%$ | 7. 70\% | 7. 87\% | 7. $87 \%$ | 7. 57\% | 8. $39 \%$ | 8. $06 \%$ |



