

Accuracy (ACC):  $(TP + TN) / (TP + FP + TN + FN)$ 

| ACC | D2-FLEX | PB-FLEX | DSSP-FLEX | ANGL-FLEX | KUZ2-FLEX |
|-----|---------|---------|-----------|-----------|-----------|
| 1   | 0.718   | 0.582   | 0.605     | 0.621     | 0.723     |
| 2   | 0.881   | 0.860   | 0.878     | 0.921     | 0.921     |
| 3   | 0.706   | 0.715   | 0.720     | 0.701     | 0.720     |
| 4   | 0.746   | 0.661   | 0.729     | 0.729     | 0.797     |
| 5   | 0.843   | 0.788   | 0.817     | 0.831     | 0.927     |
| 6   | 0.825   | 0.887   | 0.835     | 0.928     | 0.887     |
| 7   | 0.907   | 0.898   | 0.861     | 0.917     | 0.889     |
| 8   | 0.766   | 0.621   | 0.774     | 0.734     | 0.839     |
| 9   | 0.741   | 0.818   | 0.748     | 0.804     | 0.804     |
| 10  |         |         |           |           |           |
| 11  | 0.866   | 0.741   | 0.824     | 0.815     | 0.903     |
| 12  | 0.894   | 0.875   | 0.871     | 0.924     | 0.941     |
| 13  | 0.773   | 0.778   | 0.792     | 0.816     | 0.758     |
| 14  | 0.639   | NA      | 0.528     | 0.833     | 0.861     |
| 15  | 0.945   | 0.948   | 0.948     | 0.970     | 0.978     |
| 16  | 0.815   | 0.786   | 0.878     | 0.824     | 0.836     |
| 17  | 0.855   | 0.803   | 0.798     | 0.838     | 0.820     |
| 18  | 0.763   | NA      | 0.811     | 0.842     | 0.732     |
| 19  | 0.874   | 0.874   | 0.828     | 0.816     | 0.839     |
| 20  | 0.882   | 0.882   | 0.873     | 0.843     | 0.922     |
| 21  | 0.796   | 0.704   | 0.878     | 0.755     | 0.827     |
| 22  |         |         |           |           |           |
| 23  | 0.902   | 0.911   | 0.886     | 0.886     | 0.919     |
| 24  | 0.828   | 0.805   | 0.832     | 0.852     | 0.838     |
| 25  | 0.811   | 0.730   | 0.743     | 0.811     | 0.784     |
| 26  | 0.872   | 0.857   | 0.875     | 0.908     | 0.916     |
| 27  | 0.901   | 0.860   | 0.908     | 0.928     | 0.942     |
| 28  | 0.899   | 0.892   | 0.863     | 0.899     | 0.892     |
| 29  | 0.841   | 0.873   | 0.889     | 0.841     | 0.857     |
| 30  | 0.812   | 0.752   | 0.842     | 0.851     | 0.911     |
| 31  | 0.699   | 0.658   | 0.548     | 0.685     | 0.630     |
| 32  | 0.795   | 0.753   | 0.740     | 0.808     | 0.781     |
| 33  | 0.827   | 0.867   | 0.720     | 0.880     | 0.827     |
| 34  | 0.940   | 0.903   | 0.940     | 0.966     | 0.970     |
| 35  | 0.789   | 0.726   | 0.653     | 0.716     | 0.800     |
| 36  | 0.804   | 0.717   | 0.771     | 0.792     | 0.846     |
| 37  | 0.878   | 0.905   | 0.884     | 0.905     | 0.918     |
| 38  | 0.804   | 0.824   | 0.770     | 0.809     | 0.814     |
| 39  | 0.833   | 0.833   | 0.804     | 0.843     | 0.775     |
| 40  | 0.894   | 0.854   | 0.882     | 0.846     | 0.923     |
| 41  | 0.872   | 0.901   | 0.865     | 0.915     | 0.887     |
| 42  | 0.889   | 0.902   | 0.924     | 0.924     | 0.935     |
| 43  | 0.907   | 0.863   | 0.913     | 0.938     | 0.913     |
| 44  | 0.826   | 0.748   | 0.806     | 0.852     | 0.884     |
| 45  | 0.948   | 0.941   | 0.938     | 0.938     | 0.938     |
| 46  | 0.764   | 0.618   | 0.778     | 0.660     | 0.785     |
| 47  | 0.945   | 0.945   | 0.938     | 0.971     | 0.971     |
| 48  |         |         |           |           |           |
| 49  | 0.882   | 0.865   | 0.899     | 0.912     | 0.933     |
| 50  | 0.717   | 0.720   | 0.723     | 0.743     | 0.722     |
| 51  | 0.910   | 0.908   | 0.931     | 0.948     | 0.948     |
| 52  | 0.922   | 0.932   | 0.922     | 0.903     | 0.816     |
| 53  | 0.851   | 0.782   | 0.759     | 0.862     | 0.862     |
| 54  | 0.810   | 0.829   | 0.837     | 0.846     | 0.858     |
| 55  | 0.843   | 0.757   | 0.771     | 0.914     | 0.843     |
| 56  | 0.457   | 0.435   | 0.457     | 0.413     | 0.304     |
| 57  | 0.884   | 0.749   | 0.828     | 0.749     | 0.912     |
| 58  | 0.893   | 0.818   | 0.864     | 0.902     | 0.916     |
| 59  | 0.865   | 0.853   | 0.877     | 0.896     | 0.877     |
| 60  | 0.814   | 0.577   | 0.712     | 0.535     | 0.795     |
| ave | 0.831   | 0.801   | 0.812     | 0.833     | 0.848     |

Sensitivity (SN):  $TP / (TP + FN)$ 

| SN | D2-FLEX | PB-FLEX | DSSP-FLEX | ANGL-FLEX | KUZ2-FLEX |
|----|---------|---------|-----------|-----------|-----------|
| 1  | 0.519   | 0.635   | 0.404     | 0.731     | 0.327     |
| 2  | 0.240   | 0.120   | 0.080     | 0.320     | 0.000     |
| 3  | 0.230   | 0.180   | 0.311     | 0.180     | 0.049     |
| 4  | 0.231   | 0.462   | 0.385     | 0.615     | 0.231     |
| 5  | 0.208   | 0.245   | 0.245     | 0.283     | 0.170     |
| 6  | 0.000   | 0.455   | 0.273     | 0.364     | 0.000     |
| 7  | 0.385   | 0.538   | 0.308     | 0.462     | 0.077     |
| 8  | 0.417   | 0.708   | 0.500     | 0.625     | 0.458     |
| 9  | 0.351   | 0.432   | 0.297     | 0.432     | 0.270     |
| 10 |         |         |           |           |           |
| 11 | 0.500   | 0.708   | 0.542     | 0.833     | 0.458     |
| 12 | 0.432   | 0.514   | 0.324     | 0.568     | 0.216     |
| 13 | 0.397   | 0.476   | 0.492     | 0.444     | 0.206     |
| 14 | 0.455   | NA      | 0.182     | 0.818     | 0.636     |
| 15 | 0.632   | 0.737   | 0.526     | 0.842     | 0.579     |
| 16 | 0.324   | 0.618   | 0.500     | 0.706     | 0.147     |
| 17 | 0.532   | 0.489   | 0.532     | 0.681     | 0.298     |
| 18 | 0.435   | NA      | 0.580     | 0.580     | 0.159     |
| 19 | 0.471   | 0.471   | 0.412     | 0.412     | 0.235     |
| 20 | 0.857   | 0.714   | 0.429     | 0.714     | 0.000     |
| 21 | 0.059   | 0.118   | 0.765     | 0.235     | 0.176     |
| 22 |         |         |           |           |           |
| 23 | 0.111   | 0.556   | 0.556     | 0.222     | 0.111     |
| 24 | 0.235   | 0.216   | 0.176     | 0.176     | 0.059     |
| 25 | 0.458   | 0.417   | 0.708     | 0.583     | 0.333     |
| 26 | 0.475   | 0.650   | 0.350     | 0.475     | 0.275     |
| 27 | 0.200   | 0.250   | 0.250     | 0.450     | 0.150     |
| 28 | 0.529   | 0.412   | 0.353     | 0.471     | 0.118     |
| 29 | 0.462   | 0.615   | 0.846     | 0.462     | 0.385     |
| 30 | 0.200   | 0.500   | 0.300     | 0.300     | 0.200     |
| 31 | 0.600   | 0.400   | 0.633     | 0.433     | 0.167     |
| 32 | 0.727   | 0.591   | 0.727     | 0.682     | 0.364     |
| 33 | 0.609   | 0.696   | 0.522     | 0.783     | 0.522     |
| 34 | 0.667   | 0.444   | 0.778     | 0.778     | 0.444     |
| 35 | 0.542   | 0.667   | 0.583     | 0.542     | 0.375     |
| 36 | 0.333   | 0.286   | 0.238     | 0.405     | 0.238     |
| 37 | 0.083   | 0.083   | 0.083     | 0.083     | 0.083     |
| 38 | 0.233   | 0.279   | 0.186     | 0.256     | 0.140     |
| 39 | 0.536   | 0.500   | 0.357     | 0.500     | 0.179     |
| 40 | 0.471   | 0.471   | 0.471     | 0.471     | 0.235     |
| 41 | 0.375   | 0.250   | 0.250     | 0.375     | 0.000     |
| 42 | 0.204   | 0.204   | 0.143     | 0.184     | 0.082     |
| 43 | 0.750   | 0.850   | 0.900     | 0.750     | 0.400     |
| 44 | 0.333   | 0.444   | 0.333     | 0.444     | 0.167     |
| 45 | 0.222   | 0.222   | 0.111     | 0.111     | 0.056     |
| 46 | 0.400   | 0.800   | 0.500     | 0.900     | 0.550     |
| 47 | 0.500   | 0.417   | 0.500     | 0.500     | 0.250     |
| 48 |         |         |           |           |           |
| 49 | 0.333   | 0.238   | 0.238     | 0.333     | 0.143     |
| 50 | 0.272   | 0.251   | 0.293     | 0.373     | 0.094     |
| 51 | 0.000   | 0.353   | 0.176     | 0.294     | 0.059     |
| 52 | 0.786   | 0.964   | 0.857     | 0.714     | 0.321     |
| 53 | 0.167   | 0.083   | 0.417     | 0.250     | 0.083     |
| 54 | 0.317   | 0.390   | 0.305     | 0.341     | 0.122     |
| 55 | 0.083   | 0.000   | 0.000     | 0.583     | 0.083     |
| 56 | 0.281   | 0.281   | 0.250     | 0.188     | 0.031     |
| 57 | 0.438   | 0.563   | 0.500     | 0.563     | 0.250     |
| 58 | 0.455   | 0.727   | 0.545     | 0.682     |           |