

Accuracy

| Zbior danych | Glebokosc drzewa. | - | 5 | 10 | 20 | 50 | 100 |
|---------------|-------------------|-------------|-------------|-------------|-------------|-------------|-------------|
| vehicle | - | 0.95 | 0.95 | 0.95 | 0.95 | 0.95 | 0.95 |
| | 1 | 0.76 | 0.89 | 0.93 | 0.96 | 0.97 | 0.98 |
| | 3 | 0.9 | 0.94 | 0.94 | 0.96 | 0.97 | 0.97 |
| | 5 | 0.93 | 0.95 | 0.95 | 0.96 | 0.97 | 0.97 |
| ionosphere | - | 0.88 | 0.86 | 0.86 | 0.86 | 0.86 | 0.86 |
| | 1 | 0.79 | 0.88 | 0.87 | 0.91 | 0.89 | 0.91 |
| | 3 | 0.86 | 0.85 | 0.87 | 0.89 | 0.9 | 0.92 |
| | 5 | 0.87 | 0.88 | 0.89 | 0.91 | 0.93 | 0.93 |
| ecoli | - | 0.88 | 0.88 | 0.88 | 0.88 | 0.88 | 0.88 |
| | 1 | 0.78 | 0.89 | 0.89 | 0.88 | 0.85 | 0.87 |
| | 3 | 0.86 | 0.89 | 0.89 | 0.89 | 0.9 | 0.89 |
| | 5 | 0.88 | 0.88 | 0.88 | 0.89 | 0.88 | 0.88 |
| german | - | 0.69 | 0.69 | 0.69 | 0.69 | 0.69 | 0.69 |
| | 1 | 0.7 | 0.73 | 0.74 | 0.74 | 0.76 | 0.75 |
| | 3 | 0.74 | 0.74 | 0.75 | 0.74 | 0.73 | 0.73 |
| | 5 | 0.74 | 0.71 | 0.71 | 0.71 | 0.71 | 0.74 |
| breast_cancer | - | 0.63 | 0.69 | 0.69 | 0.71 | 0.69 | 0.69 |
| | 1 | 0.7 | 0.71 | 0.71 | 0.72 | 0.71 | 0.71 |
| | 3 | 0.73 | 0.7 | 0.71 | 0.69 | 0.66 | 0.65 |
| | 5 | 0.73 | 0.68 | 0.69 | 0.71 | 0.73 | 0.71 |
| cmc | - | 0.69 | 0.72 | 0.72 | 0.72 | 0.73 | 0.73 |
| | 1 | 0.77 | 0.77 | 0.78 | 0.76 | 0.77 | 0.76 |
| | 3 | 0.78 | 0.77 | 0.75 | 0.74 | 0.73 | 0.72 |
| | 5 | 0.76 | 0.74 | 0.71 | 0.72 | 0.72 | 0.72 |
| hepatitis | - | 0.66 | 0.71 | 0.71 | 0.71 | 0.71 | 0.71 |
| | 1 | 0.63 | 0.75 | 0.77 | 0.74 | 0.75 | 0.77 |
| | 3 | 0.66 | 0.78 | 0.79 | 0.81 | 0.83 | 0.83 |
| | 5 | 0.68 | 0.74 | 0.74 | 0.77 | 0.77 | 0.75 |
| haberman | - | 0.62 | 0.66 | 0.63 | 0.63 | 0.63 | 0.64 |
| | 1 | 0.74 | 0.75 | 0.75 | 0.73 | 0.72 | 0.7 |
| | 3 | 0.75 | 0.72 | 0.7 | 0.67 | 0.64 | 0.64 |
| | 5 | 0.75 | 0.69 | 0.68 | 0.68 | 0.69 | 0.68 |
| transfusion | - | 0.68 | 0.68 | 0.69 | 0.68 | 0.69 | 0.69 |
| | 1 | 0.76 | 0.76 | 0.76 | 0.76 | 0.76 | 0.74 |
| | 3 | 0.68 | 0.74 | 0.71 | 0.69 | 0.69 | 0.69 |
| | 5 | 0.67 | 0.69 | 0.7 | 0.69 | 0.7 | 0.7 |
| car | - | 0.67 | 0.67 | 0.67 | 0.67 | 0.67 | 0.67 |
| | 1 | 0.75 | 0.82 | 0.88 | 0.93 | 0.83 | 0.83 |
| | 3 | 0.69 | 0.81 | 0.95 | 0.88 | 0.9 | 0.88 |
| | 5 | 0.67 | 0.98 | 0.86 | 0.94 | 0.86 | 0.86 |
| glass | - | 0.69 | 0.75 | 0.75 | 0.75 | 0.75 | 0.75 |
| | 1 | 0.92 | 0.79 | 0.87 | 0.86 | 0.83 | 0.82 |

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|-----------------|---|-------------|-------------|-------------|-------------|-------------|-------------|
| | 3 | 0.82 | 0.79 | 0.8 | 0.81 | 0.83 | 0.85 |
| | 5 | 0.75 | 0.8 | 0.79 | 0.79 | 0.8 | 0.8 |
| abalone16_29 | - | 0.91 | 0.91 | 0.91 | 0.91 | 0.91 | 0.91 |
| | 1 | 0.94 | 0.94 | 0.94 | 0.94 | 0.94 | 0.94 |
| | 3 | 0.94 | 0.93 | 0.93 | 0.92 | 0.92 | 0.92 |
| | 5 | 0.93 | 0.92 | 0.92 | 0.92 | 0.93 | 0.93 |
| heart_cleveland | - | 0.82 | 0.8 | 0.8 | 0.8 | 0.8 | 0.8 |
| | 1 | 0.88 | 0.86 | 0.85 | 0.84 | 0.83 | 0.84 |
| | 3 | 0.86 | 0.78 | 0.82 | 0.83 | 0.85 | 0.84 |
| | 5 | 0.81 | 0.82 | 0.85 | 0.84 | 0.84 | 0.84 |
| balance_scale | - | 0.85 | 0.85 | 0.85 | 0.85 | 0.85 | 0.85 |
| | 1 | 0.92 | 0.92 | 0.92 | 0.92 | 0.92 | 0.92 |
| | 3 | 0.92 | 0.87 | 0.87 | 0.87 | 0.88 | 0.89 |
| | 5 | 0.92 | 0.87 | 0.88 | 0.87 | 0.87 | 0.86 |
| postoperative | - | 0.61 | 0.62 | 0.62 | 0.61 | 0.63 | 0.61 |
| | 1 | 0.72 | 0.69 | 0.69 | 0.68 | 0.67 | 0.67 |
| | 3 | 0.71 | 0.58 | 0.6 | 0.58 | 0.61 | 0.64 |
| | 5 | 0.67 | 0.59 | 0.59 | 0.59 | 0.66 | 0.64 |

Sensitivity

| Zbior danych | Glebokosc drzewa. | - | 5 | 10 | 20 | 50 | 100 |
|---------------|-------------------|-------------|-------------|-------------|-------------|-------------|-------------|
| vehicle | - | 0.96 | 0.96 | 0.96 | 0.96 | 0.96 | 0.96 |
| | 1 | 1.0 | 0.97 | 0.96 | 0.97 | 0.98 | 0.98 |
| | 3 | 0.89 | 0.97 | 0.96 | 0.97 | 0.98 | 0.98 |
| | 5 | 0.95 | 0.97 | 0.97 | 0.97 | 0.98 | 0.98 |
| ionosphere | - | 0.9 | 0.89 | 0.89 | 0.89 | 0.89 | 0.89 |
| | 1 | 0.96 | 0.91 | 0.93 | 0.96 | 0.95 | 0.96 |
| | 3 | 0.92 | 0.9 | 0.94 | 0.95 | 0.96 | 0.98 |
| | 5 | 0.92 | 0.93 | 0.94 | 0.96 | 0.98 | 0.97 |
| ecoli | - | 0.91 | 0.91 | 0.91 | 0.91 | 0.91 | 0.91 |
| | 1 | 0.8 | 0.92 | 0.93 | 0.93 | 0.89 | 0.92 |
| | 3 | 0.9 | 0.93 | 0.93 | 0.93 | 0.93 | 0.93 |
| | 5 | 0.91 | 0.92 | 0.92 | 0.93 | 0.92 | 0.92 |
| german | - | 0.78 | 0.78 | 0.78 | 0.78 | 0.78 | 0.78 |
| | 1 | 1.0 | 0.86 | 0.87 | 0.87 | 0.87 | 0.86 |
| | 3 | 0.88 | 0.84 | 0.83 | 0.84 | 0.82 | 0.83 |
| | 5 | 0.89 | 0.81 | 0.81 | 0.82 | 0.82 | 0.86 |
| breast_cancer | - | 0.73 | 0.82 | 0.84 | 0.88 | 0.85 | 0.85 |
| | 1 | 0.81 | 0.84 | 0.87 | 0.86 | 0.85 | 0.85 |
| | 3 | 0.92 | 0.83 | 0.84 | 0.79 | 0.77 | 0.77 |
| | 5 | 0.9 | 0.82 | 0.83 | 0.84 | 0.87 | 0.86 |
| cmc | - | 0.78 | 0.83 | 0.84 | 0.84 | 0.85 | 0.85 |

| | | | | | | | |
|-----------------|---|-------------|-------------|-------------|-------------|-------------|-------------|
| | 1 | 1.0 | 0.97 | 0.95 | 0.93 | 0.93 | 0.92 |
| | 3 | 0.9 | 0.9 | 0.89 | 0.88 | 0.83 | 0.83 |
| | 5 | 0.9 | 0.86 | 0.83 | 0.83 | 0.83 | 0.83 |
| hepatitis | - | 0.68 | 0.75 | 0.75 | 0.75 | 0.75 | 0.75 |
| | 1 | 0.66 | 0.85 | 0.83 | 0.81 | 0.8 | 0.83 |
| | 3 | 0.7 | 0.85 | 0.85 | 0.88 | 0.88 | 0.87 |
| | 5 | 0.72 | 0.78 | 0.79 | 0.81 | 0.83 | 0.8 |
| haberman | - | 0.74 | 0.81 | 0.71 | 0.71 | 0.71 | 0.7 |
| | 1 | 1.0 | 0.94 | 0.92 | 0.92 | 0.9 | 0.87 |
| | 3 | 0.91 | 0.87 | 0.88 | 0.78 | 0.72 | 0.71 |
| | 5 | 0.94 | 0.82 | 0.8 | 0.79 | 0.83 | 0.81 |
| transfusion | - | 0.8 | 0.8 | 0.81 | 0.81 | 0.82 | 0.82 |
| | 1 | 1.0 | 0.88 | 0.87 | 0.87 | 0.87 | 0.85 |
| | 3 | 0.76 | 0.82 | 0.82 | 0.82 | 0.82 | 0.82 |
| | 5 | 0.76 | 0.81 | 0.83 | 0.81 | 0.82 | 0.82 |
| car | - | 0.68 | 0.68 | 0.68 | 0.68 | 0.68 | 0.68 |
| | 1 | 0.76 | 0.83 | 0.9 | 0.95 | 0.85 | 0.84 |
| | 3 | 0.71 | 0.82 | 0.96 | 0.89 | 0.91 | 0.89 |
| | 5 | 0.68 | 0.99 | 0.87 | 0.96 | 0.87 | 0.87 |
| glass | - | 0.73 | 0.8 | 0.8 | 0.8 | 0.8 | 0.8 |
| | 1 | 1.0 | 0.84 | 0.92 | 0.92 | 0.89 | 0.88 |
| | 3 | 0.88 | 0.86 | 0.86 | 0.86 | 0.88 | 0.9 |
| | 5 | 0.8 | 0.86 | 0.85 | 0.83 | 0.85 | 0.85 |
| abalone16_29 | - | 0.95 | 0.95 | 0.95 | 0.95 | 0.95 | 0.95 |
| | 1 | 1.0 | 1.0 | 0.99 | 0.99 | 0.99 | 0.99 |
| | 3 | 1.0 | 0.98 | 0.98 | 0.97 | 0.97 | 0.97 |
| | 5 | 0.99 | 0.97 | 0.96 | 0.97 | 0.98 | 0.98 |
| heart_cleveland | - | 0.9 | 0.88 | 0.88 | 0.88 | 0.88 | 0.88 |
| | 1 | 1.0 | 0.95 | 0.94 | 0.93 | 0.91 | 0.92 |
| | 3 | 0.97 | 0.87 | 0.92 | 0.94 | 0.95 | 0.95 |
| | 5 | 0.89 | 0.92 | 0.95 | 0.94 | 0.94 | 0.94 |
| balance_scale | - | 0.92 | 0.92 | 0.92 | 0.92 | 0.92 | 0.92 |
| | 1 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 |
| | 3 | 1.0 | 0.94 | 0.94 | 0.93 | 0.95 | 0.96 |
| | 5 | 1.0 | 0.94 | 0.95 | 0.94 | 0.93 | 0.92 |
| postoperative | - | 0.77 | 0.8 | 0.79 | 0.79 | 0.82 | 0.79 |
| | 1 | 0.98 | 0.89 | 0.91 | 0.89 | 0.86 | 0.86 |
| | 3 | 0.94 | 0.73 | 0.76 | 0.71 | 0.76 | 0.82 |
| | 5 | 0.88 | 0.71 | 0.76 | 0.74 | 0.83 | 0.82 |

Specificity

| Zbior danych | Glebokosc drzewa. | - | 5 | 10 | 20 | 50 | 100 |
|--------------|-------------------|------------|------|------|------|------|------|
| | - | 0.9 | 0.88 | 0.88 | 0.88 | 0.88 | 0.88 |
| vehicle | | | | | | | |

| | | | | | | | |
|---------------|---|-------------|-------------|-------------|-------------|-------------|-------------|
| | 1 | 0.0 | 0.66 | 0.82 | 0.91 | 0.94 | 0.95 |
| | 3 | 0.93 | 0.86 | 0.87 | 0.92 | 0.93 | 0.95 |
| | 5 | 0.85 | 0.87 | 0.89 | 0.92 | 0.94 | 0.94 |
| ionosphere | - | 0.84 | 0.81 | 0.81 | 0.81 | 0.81 | 0.81 |
| | 1 | 0.49 | 0.82 | 0.76 | 0.8 | 0.79 | 0.81 |
| | 3 | 0.75 | 0.78 | 0.75 | 0.79 | 0.79 | 0.81 |
| | 5 | 0.79 | 0.79 | 0.82 | 0.82 | 0.85 | 0.85 |
| ecoli | - | 0.69 | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 |
| | 1 | 0.63 | 0.6 | 0.51 | 0.4 | 0.43 | 0.43 |
| | 3 | 0.49 | 0.54 | 0.6 | 0.51 | 0.63 | 0.6 |
| | 5 | 0.63 | 0.54 | 0.54 | 0.54 | 0.51 | 0.49 |
| german | - | 0.48 | 0.46 | 0.46 | 0.46 | 0.46 | 0.46 |
| | 1 | 0.0 | 0.42 | 0.42 | 0.45 | 0.51 | 0.5 |
| | 3 | 0.42 | 0.51 | 0.54 | 0.52 | 0.52 | 0.51 |
| | 5 | 0.4 | 0.46 | 0.47 | 0.47 | 0.45 | 0.45 |
| breast_cancer | - | 0.4 | 0.38 | 0.33 | 0.33 | 0.31 | 0.29 |
| | 1 | 0.44 | 0.41 | 0.35 | 0.38 | 0.39 | 0.38 |
| | 3 | 0.31 | 0.38 | 0.4 | 0.44 | 0.41 | 0.36 |
| | 5 | 0.33 | 0.36 | 0.35 | 0.41 | 0.4 | 0.35 |
| cmc | - | 0.37 | 0.33 | 0.33 | 0.32 | 0.31 | 0.31 |
| | 1 | 0.0 | 0.08 | 0.19 | 0.21 | 0.21 | 0.22 |
| | 3 | 0.39 | 0.32 | 0.3 | 0.3 | 0.36 | 0.35 |
| | 5 | 0.29 | 0.34 | 0.31 | 0.34 | 0.35 | 0.33 |
| hepatitis | - | 0.56 | 0.56 | 0.56 | 0.56 | 0.56 | 0.56 |
| | 1 | 0.53 | 0.41 | 0.56 | 0.47 | 0.53 | 0.56 |
| | 3 | 0.5 | 0.5 | 0.56 | 0.56 | 0.62 | 0.66 |
| | 5 | 0.56 | 0.56 | 0.56 | 0.62 | 0.56 | 0.56 |
| haberman | - | 0.31 | 0.25 | 0.42 | 0.42 | 0.42 | 0.46 |
| | 1 | 0.0 | 0.23 | 0.25 | 0.2 | 0.22 | 0.25 |
| | 3 | 0.32 | 0.32 | 0.22 | 0.37 | 0.42 | 0.44 |
| | 5 | 0.22 | 0.33 | 0.36 | 0.37 | 0.28 | 0.31 |
| transfusion | - | 0.29 | 0.27 | 0.32 | 0.3 | 0.28 | 0.28 |
| | 1 | 0.0 | 0.39 | 0.4 | 0.4 | 0.4 | 0.36 |
| | 3 | 0.45 | 0.46 | 0.36 | 0.29 | 0.3 | 0.28 |
| | 5 | 0.36 | 0.32 | 0.3 | 0.31 | 0.32 | 0.3 |
| car | - | 0.46 | 0.46 | 0.46 | 0.46 | 0.46 | 0.46 |
| | 1 | 0.32 | 0.46 | 0.49 | 0.54 | 0.51 | 0.49 |
| | 3 | 0.32 | 0.52 | 0.68 | 0.58 | 0.65 | 0.6 |
| | 5 | 0.46 | 0.6 | 0.57 | 0.55 | 0.58 | 0.6 |
| glass | - | 0.24 | 0.18 | 0.18 | 0.18 | 0.18 | 0.18 |
| | 1 | 0.0 | 0.24 | 0.24 | 0.12 | 0.06 | 0.18 |
| | 3 | 0.12 | 0.06 | 0.06 | 0.24 | 0.18 | 0.18 |
| | 5 | 0.12 | 0.12 | 0.18 | 0.24 | 0.24 | 0.18 |
| abalone16_29 | - | 0.33 | 0.31 | 0.31 | 0.31 | 0.31 | 0.31 |
| | 1 | 0.0 | 0.03 | 0.11 | 0.16 | 0.18 | 0.2 |

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|-----------------|---|-------------|-------------|-------------|-------------|-------------|-------------|
| | 3 | 0.09 | 0.21 | 0.26 | 0.24 | 0.24 | 0.22 |
| | 5 | 0.11 | 0.25 | 0.22 | 0.23 | 0.2 | 0.15 |
| heart_cleveland | - | 0.2 | 0.17 | 0.17 | 0.17 | 0.17 | 0.17 |
| | 1 | 0.0 | 0.17 | 0.17 | 0.2 | 0.17 | 0.2 |
| | 3 | 0.03 | 0.09 | 0.03 | 0.0 | 0.06 | 0.0 |
| | 5 | 0.2 | 0.06 | 0.09 | 0.03 | 0.03 | 0.03 |
| balance_scale | - | 0.04 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 |
| | 1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | 3 | 0.0 | 0.04 | 0.04 | 0.06 | 0.06 | 0.08 |
| | 5 | 0.0 | 0.06 | 0.02 | 0.04 | 0.06 | 0.06 |
| postoperative | - | 0.17 | 0.12 | 0.17 | 0.12 | 0.12 | 0.12 |
| | 1 | 0.0 | 0.12 | 0.08 | 0.08 | 0.12 | 0.12 |
| | 3 | 0.08 | 0.17 | 0.17 | 0.21 | 0.21 | 0.17 |
| | 5 | 0.08 | 0.25 | 0.12 | 0.17 | 0.17 | 0.17 |

F-1 klasa mniejszosciowa

| Zbior danych | Glebokosc drzewa. | - | 5 | 10 | 20 | 50 | 100 |
|---------------|-------------------|-------------|-------------|-------------|-------------|-------------|-------------|
| vehicle | - | 0.89 | 0.88 | 0.88 | 0.88 | 0.88 | 0.88 |
| | 1 | 0.0 | 0.75 | 0.84 | 0.91 | 0.93 | 0.95 |
| | 3 | 0.81 | 0.87 | 0.87 | 0.92 | 0.94 | 0.94 |
| | 5 | 0.84 | 0.89 | 0.89 | 0.92 | 0.94 | 0.94 |
| ionosphere | - | 0.83 | 0.81 | 0.81 | 0.81 | 0.81 | 0.81 |
| | 1 | 0.63 | 0.83 | 0.81 | 0.86 | 0.84 | 0.86 |
| | 3 | 0.79 | 0.79 | 0.81 | 0.84 | 0.85 | 0.88 |
| | 5 | 0.82 | 0.83 | 0.85 | 0.86 | 0.9 | 0.89 |
| ecoli | - | 0.55 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 |
| | 1 | 0.37 | 0.53 | 0.49 | 0.41 | 0.37 | 0.41 |
| | 3 | 0.41 | 0.51 | 0.54 | 0.49 | 0.57 | 0.54 |
| | 5 | 0.52 | 0.49 | 0.49 | 0.51 | 0.47 | 0.45 |
| german | - | 0.48 | 0.47 | 0.47 | 0.47 | 0.47 | 0.47 |
| | 1 | 0.0 | 0.48 | 0.49 | 0.52 | 0.57 | 0.54 |
| | 3 | 0.49 | 0.54 | 0.56 | 0.55 | 0.53 | 0.53 |
| | 5 | 0.48 | 0.49 | 0.49 | 0.5 | 0.48 | 0.51 |
| breast_cancer | - | 0.39 | 0.42 | 0.39 | 0.41 | 0.37 | 0.36 |
| | 1 | 0.46 | 0.46 | 0.42 | 0.44 | 0.45 | 0.43 |
| | 3 | 0.41 | 0.42 | 0.45 | 0.45 | 0.42 | 0.38 |
| | 5 | 0.42 | 0.41 | 0.4 | 0.46 | 0.47 | 0.42 |
| cmc | - | 0.35 | 0.35 | 0.35 | 0.34 | 0.34 | 0.34 |
| | 1 | 0.0 | 0.13 | 0.28 | 0.29 | 0.29 | 0.29 |
| | 3 | 0.44 | 0.38 | 0.35 | 0.34 | 0.37 | 0.36 |
| | 5 | 0.35 | 0.37 | 0.33 | 0.35 | 0.36 | 0.35 |
| hepatitis | - | 0.4 | 0.44 | 0.44 | 0.44 | 0.44 | 0.44 |
| | 1 | 0.37 | 0.41 | 0.51 | 0.43 | 0.47 | 0.51 |

| | | | | | | | |
|-----------------|---|-------------|-------------|-------------|-------------|-------------|-------------|
| haberman | 3 | 0.38 | 0.48 | 0.52 | 0.55 | 0.6 | 0.61 |
| | 5 | 0.42 | 0.47 | 0.47 | 0.53 | 0.51 | 0.49 |
| | - | 0.3 | 0.28 | 0.38 | 0.38 | 0.38 | 0.4 |
| | 1 | 0.0 | 0.33 | 0.34 | 0.28 | 0.3 | 0.31 |
| | 3 | 0.41 | 0.38 | 0.28 | 0.37 | 0.38 | 0.39 |
| transfusion | 5 | 0.32 | 0.36 | 0.37 | 0.38 | 0.32 | 0.34 |
| | - | 0.3 | 0.28 | 0.33 | 0.31 | 0.3 | 0.3 |
| | 1 | 0.0 | 0.44 | 0.45 | 0.44 | 0.44 | 0.4 |
| | 3 | 0.41 | 0.45 | 0.38 | 0.31 | 0.31 | 0.3 |
| | 5 | 0.34 | 0.34 | 0.33 | 0.33 | 0.34 | 0.32 |
| car | - | 0.1 | 0.09 | 0.09 | 0.09 | 0.09 | 0.09 |
| | 1 | 0.09 | 0.16 | 0.24 | 0.37 | 0.19 | 0.18 |
| | 3 | 0.07 | 0.17 | 0.51 | 0.26 | 0.32 | 0.28 |
| | 5 | 0.1 | 0.67 | 0.24 | 0.43 | 0.24 | 0.24 |
| | - | 0.11 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 |
| glass | 1 | 0.0 | 0.15 | 0.22 | 0.11 | 0.05 | 0.14 |
| | 3 | 0.1 | 0.04 | 0.04 | 0.16 | 0.14 | 0.15 |
| | 5 | 0.07 | 0.09 | 0.12 | 0.15 | 0.16 | 0.12 |
| | - | 0.31 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 |
| | 1 | 0.0 | 0.07 | 0.18 | 0.24 | 0.27 | 0.28 |
| abalone16_29 | 3 | 0.16 | 0.28 | 0.32 | 0.28 | 0.28 | 0.26 |
| | 5 | 0.18 | 0.29 | 0.25 | 0.26 | 0.26 | 0.22 |
| | - | 0.2 | 0.16 | 0.16 | 0.16 | 0.16 | 0.16 |
| | 1 | 0.0 | 0.22 | 0.21 | 0.23 | 0.19 | 0.22 |
| | 3 | 0.05 | 0.08 | 0.03 | 0.0 | 0.08 | 0.0 |
| heart_cleveland | 5 | 0.19 | 0.07 | 0.12 | 0.04 | 0.04 | 0.04 |
| | - | 0.04 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 |
| | 1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | 3 | 0.0 | 0.05 | 0.05 | 0.07 | 0.07 | 0.11 |
| | 5 | 0.0 | 0.07 | 0.03 | 0.05 | 0.07 | 0.06 |
| balance_scale | - | 0.19 | 0.15 | 0.19 | 0.15 | 0.15 | 0.15 |
| | 1 | 0.0 | 0.18 | 0.12 | 0.12 | 0.17 | 0.17 |
| | 3 | 0.13 | 0.17 | 0.18 | 0.21 | 0.22 | 0.2 |
| | 5 | 0.12 | 0.24 | 0.14 | 0.18 | 0.21 | 0.2 |
| | - | 0.87 | 0.85 | 0.85 | 0.85 | 0.85 | 0.85 |
| postoperative | 1 | 0.69 | 0.86 | 0.84 | 0.88 | 0.86 | 0.88 |
| | 3 | 0.91 | 0.91 | 0.91 | 0.95 | 0.96 | 0.97 |
| | 5 | 0.9 | 0.92 | 0.93 | 0.95 | 0.96 | 0.96 |
| | - | 0.93 | 0.92 | 0.92 | 0.92 | 0.92 | 0.92 |
| | 1 | 0.0 | 0.8 | 0.89 | 0.94 | 0.96 | 0.97 |

G-mean

| Zbior danych | Glebokosc drzewa. | - | 5 | 10 | 20 | 50 | 100 |
|--------------|-------------------|-------------|------|------|-------------|-------------|-------------|
| vehicle | - | 0.93 | 0.92 | 0.92 | 0.92 | 0.92 | 0.92 |
| | 1 | 0.0 | 0.8 | 0.89 | 0.94 | 0.96 | 0.97 |
| | 3 | 0.91 | 0.91 | 0.91 | 0.95 | 0.96 | 0.97 |
| | 5 | 0.9 | 0.92 | 0.93 | 0.95 | 0.96 | 0.96 |
| | - | 0.87 | 0.85 | 0.85 | 0.85 | 0.85 | 0.85 |
| ionosphere | 1 | 0.69 | 0.86 | 0.84 | 0.88 | 0.86 | 0.88 |
| | 3 | 0.91 | 0.91 | 0.91 | 0.95 | 0.96 | 0.97 |
| | 5 | 0.9 | 0.92 | 0.93 | 0.95 | 0.96 | 0.96 |
| | - | 0.93 | 0.92 | 0.92 | 0.92 | 0.92 | 0.92 |
| | 1 | 0.0 | 0.8 | 0.89 | 0.94 | 0.96 | 0.97 |

| | | | | | | | |
|-----------------|---|-------------|-------------|-------------|-------------|-------------|-------------|
| | 3 | 0.83 | 0.84 | 0.84 | 0.86 | 0.87 | 0.89 |
| | 5 | 0.85 | 0.86 | 0.88 | 0.88 | 0.91 | 0.91 |
| ecoli | - | 0.79 | 0.74 | 0.74 | 0.74 | 0.74 | 0.74 |
| | 1 | 0.71 | 0.74 | 0.69 | 0.61 | 0.62 | 0.63 |
| | 3 | 0.66 | 0.71 | 0.75 | 0.69 | 0.77 | 0.75 |
| | 5 | 0.76 | 0.71 | 0.71 | 0.71 | 0.69 | 0.67 |
| german | - | 0.61 | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 |
| | 1 | 0.0 | 0.6 | 0.61 | 0.63 | 0.67 | 0.65 |
| | 3 | 0.61 | 0.65 | 0.67 | 0.66 | 0.65 | 0.65 |
| | 5 | 0.59 | 0.61 | 0.62 | 0.62 | 0.61 | 0.62 |
| breast_cancer | - | 0.54 | 0.56 | 0.53 | 0.54 | 0.51 | 0.5 |
| | 1 | 0.59 | 0.59 | 0.55 | 0.57 | 0.57 | 0.56 |
| | 3 | 0.53 | 0.56 | 0.58 | 0.59 | 0.56 | 0.53 |
| | 5 | 0.54 | 0.55 | 0.54 | 0.59 | 0.59 | 0.55 |
| cmc | - | 0.54 | 0.52 | 0.53 | 0.52 | 0.51 | 0.51 |
| | 1 | 0.0 | 0.27 | 0.43 | 0.44 | 0.45 | 0.45 |
| | 3 | 0.59 | 0.54 | 0.51 | 0.51 | 0.55 | 0.54 |
| | 5 | 0.51 | 0.54 | 0.51 | 0.53 | 0.54 | 0.53 |
| hepatitis | - | 0.62 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 |
| | 1 | 0.59 | 0.59 | 0.68 | 0.62 | 0.65 | 0.68 |
| | 3 | 0.59 | 0.65 | 0.69 | 0.7 | 0.74 | 0.76 |
| | 5 | 0.63 | 0.66 | 0.67 | 0.71 | 0.68 | 0.67 |
| haberman | - | 0.48 | 0.45 | 0.55 | 0.55 | 0.55 | 0.57 |
| | 1 | 0.0 | 0.47 | 0.48 | 0.43 | 0.45 | 0.46 |
| | 3 | 0.54 | 0.53 | 0.44 | 0.54 | 0.55 | 0.56 |
| | 5 | 0.46 | 0.52 | 0.53 | 0.54 | 0.49 | 0.5 |
| transfusion | - | 0.48 | 0.46 | 0.51 | 0.49 | 0.48 | 0.48 |
| | 1 | 0.0 | 0.58 | 0.59 | 0.59 | 0.59 | 0.56 |
| | 3 | 0.59 | 0.61 | 0.55 | 0.49 | 0.49 | 0.48 |
| | 5 | 0.53 | 0.51 | 0.5 | 0.5 | 0.51 | 0.49 |
| car | - | 0.56 | 0.56 | 0.56 | 0.56 | 0.56 | 0.56 |
| | 1 | 0.5 | 0.62 | 0.66 | 0.71 | 0.66 | 0.64 |
| | 3 | 0.48 | 0.65 | 0.81 | 0.72 | 0.77 | 0.73 |
| | 5 | 0.56 | 0.77 | 0.7 | 0.73 | 0.71 | 0.72 |
| glass | - | 0.41 | 0.38 | 0.38 | 0.38 | 0.38 | 0.38 |
| | 1 | 0.0 | 0.44 | 0.47 | 0.33 | 0.23 | 0.39 |
| | 3 | 0.32 | 0.22 | 0.23 | 0.45 | 0.39 | 0.4 |
| | 5 | 0.31 | 0.32 | 0.39 | 0.44 | 0.45 | 0.39 |
| abalone16_29 | - | 0.56 | 0.54 | 0.54 | 0.54 | 0.54 | 0.54 |
| | 1 | 0.0 | 0.19 | 0.33 | 0.4 | 0.43 | 0.44 |
| | 3 | 0.3 | 0.46 | 0.51 | 0.48 | 0.48 | 0.46 |
| | 5 | 0.33 | 0.49 | 0.46 | 0.47 | 0.44 | 0.39 |
| heart_cleveland | - | 0.42 | 0.39 | 0.39 | 0.39 | 0.39 | 0.39 |
| | 1 | 0.0 | 0.4 | 0.4 | 0.43 | 0.4 | 0.43 |
| | 3 | 0.17 | 0.27 | 0.16 | 0.0 | 0.23 | 0.0 |

| | | | | | | | |
|---------------|---|-------------|-------------|-------------|------|-------------|-------------|
| | 5 | 0.42 | 0.23 | 0.29 | 0.16 | 0.16 | 0.16 |
| | - | 0.19 | 0.14 | 0.14 | 0.14 | 0.14 | 0.14 |
| balance_scale | 1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | 3 | 0.0 | 0.2 | 0.2 | 0.24 | 0.24 | 0.28 |
| | 5 | 0.0 | 0.24 | 0.14 | 0.2 | 0.24 | 0.24 |
| | - | 0.36 | 0.32 | 0.36 | 0.31 | 0.32 | 0.31 |
| postoperative | 1 | 0.0 | 0.33 | 0.28 | 0.27 | 0.33 | 0.33 |
| | 3 | 0.28 | 0.35 | 0.36 | 0.39 | 0.4 | 0.37 |
| | 5 | 0.27 | 0.42 | 0.31 | 0.35 | 0.37 | 0.37 |
| | - | | | | | | |