## Heart Data Table

| $ \begin{array}{c ccccccccccccccccccccccccccccccccccc$  | 1<br>1<br>1<br>1<br>1<br>1<br>1<br>1<br>1 |
|---|---|
| $\begin{array}{c ccccccccccccccccccccccccccccccccccc$   | 1<br>1<br>1<br>1<br>1<br>1<br>1           |
| $\begin{array}{c ccccccccccccccccccccccccccccccccccc$   | 1<br>1<br>1<br>1<br>1<br>1                |
| $\begin{array}{c ccccccccccccccccccccccccccccccccccc$   | 1<br>1<br>1<br>1<br>1                     |
| $\begin{array}{c ccccccccccccccccccccccccccccccccccc$   | 1<br>1<br>1<br>1                          |
| $\begin{array}{c ccccccccccccccccccccccccccccccccccc$   | 1<br>1<br>1                               |
| 44 1 1 120 263 0 1 173 0 0 2 0 3   52 1 2 172 199 1 1 162 0 0.5 2 0 3   57 1 2 150 168 0 1 174 0 1.6 2 0 2   54 1 0 140 239 0 1 160 0 1.2 2 0 2   48 0 2 130 275 0 1 139 0 0.2 2 0 2   49 1 1 130 266 0 1 171 0 0.6 2 0 2   64 1 3 110 211 0 0 144 1 1.8 1 0 2   58 0 3 150 283 | 1 1                                       |
| $\begin{array}{c ccccccccccccccccccccccccccccccccccc$   | 1   |
| $\begin{array}{c ccccccccccccccccccccccccccccccccccc$   |   |
| 54 1 0 140 239 0 1 160 0 1.2 2 0 2   48 0 2 130 275 0 1 139 0 0.2 2 0 2   49 1 1 130 266 0 1 171 0 0.6 2 0 2   64 1 3 110 211 0 0 144 1 1.8 1 0 2   58 0 3 150 283 1 0 162 0 1 2 0 2   50 0 2 120 219 0 1 158 0 1.6 1 0 2   58 0 2 120 340 0 1 172 0 0 2 0 2                    |   |
| 48 0 2 130 275 0 1 139 0 0.2 2 0 2   49 1 1 130 266 0 1 171 0 0.6 2 0 2   64 1 3 110 211 0 0 144 1 1.8 1 0 2   58 0 3 150 283 1 0 162 0 1 2 0 2   50 0 2 120 219 0 1 158 0 1.6 1 0 2   58 0 2 120 340 0 1 172 0 0 2 0 2   | 1   |
| 49 1 1 130 266 0 1 171 0 0.6 2 0 2   64 1 3 110 211 0 0 144 1 1.8 1 0 2   58 0 3 150 283 1 0 162 0 1 2 0 2   50 0 2 120 219 0 1 158 0 1.6 1 0 2   58 0 2 120 340 0 1 172 0 0 2 0 2  | 1   |
| 64 1 3 110 211 0 0 144 1 1.8 1 0 2   58 0 3 150 283 1 0 162 0 1 2 0 2   50 0 2 120 219 0 1 158 0 1.6 1 0 2   58 0 2 120 340 0 1 172 0 0 2 0 2   | 1   |
| 58 0 3 150 283 1 0 162 0 1 2 0 2   50 0 2 120 219 0 1 158 0 1.6 1 0 2   58 0 2 120 340 0 1 172 0 0 2 0 2  | 1   |
| 50 0 2 120 219 0 1 158 0 1.6 1 0 2   58 0 2 120 340 0 1 172 0 0 2 0 2   | 1   |
| 58 0 2 120 340 0 1 172 0 0 2 0 2  | 1   |
| 58 0 2 120 340 0 1 172 0 0 2 0 2  | 1   |
|   | 1   |
|   | 1   |
| 43 1 0 150 247 0 1 171 0 1.5 2 0 2  | 1   |
| 69 0 3 140 239 0 1 151 0 1.8 2 2 2  | 1   |
| 59 1 0 135 234 0 1 161 0 0.5 1 0 3  | 1   |
| 44 1 2 130 233 0 1 179 1 0.4 2 0 2  | 1   |
| 42 1 0 140 226 0 1 178 0 0 2 0 2  | 1   |
| 61 1 2 150 243 1 1 137 1 1 1 0 2  | 1   |
| 40 1 3 140 199 0 1 178 1 1.4 2 0 3  | 1   |
| 71 0 1 160 302 0 1 162 0 0.4 2 2 2  | 1   |
| 59 1 2 150 212 1 1 157 0 1.6 2 0 2  | 1   |
| 51 1 2 110 175 0 1 123 0 0.6 2 0 2  | 1   |
| 65 0 2 140 417 1 0 157 0 0.8 2 1 2  | 1   |
| 53 1 2 130 197 1 0 152 0 1.2 0 0 2  | 1   |
| 41 0 1 105 198 0 1 168 0 0 2 1 2  | 1   |
| 65 1 0 120 177 0 1 140 0 0.4 2 0 3  | 1   |
| 44 1 1 130 219 0 0 188 0 0 2 0 2  | 1   |
| 54 1 2 125 273 0 0 152 0 0.5 0 1 2  | 1   |
| 51 1 3 125 213 0 0 125 1 1.4 2 1 2  | 1   |
| 46 0 2 142 177 0 0 160 1 1.4 0 0 2  | 1   |
| 54 0 2 135 304 1 1 170 0 0 2 0 2  | 1   |
| 54 1 2 150 232 0 0 165 0 1.6 2 0 3  | 1   |
| 65 0 2 155 269 0 1 148 0 0.8 2 0 2  | 1   |
| 65 0 2 160 360 0 0 151 0 0.8 2 0 2  | 1   |
| 51 0 2 140 308 0 0 142 0 1.5 2 1 2  | 1   |
| 48 1 1 130 245 0 0 180 0 0.2 1 0 2  | 1   |
| 45 1 0 104 208 0 0 148 1 3 1 0 2  | 1   |
| 53 0 0 130 264 0 0 143 0 0.4 1 0 2  | 1   |
| 39 1 2 140 321 0 0 182 0 0 2 0 2  |   |

| Age | Sex | CP | Trestbps | Chol | Fbs | Restecg | Thalach | Exang | Oldpeak | Slope | CA | Thal | Target |
|-----|-----|----|----------|------|-----|---------|---------|-------|---------|-------|----|------|--------|
| 52  | 1   | 1  | 120      | 325  | 0   | 1       | 172     | 0     | 0.2     | 2     | 0  | 2    | 1      |
| 44  | 1   | 2  | 140      | 235  | 0   | 0       | 180     | 0     | 0       | 2     | 0  | 2    | 1      |
| 47  | 1   | 2  | 138      | 257  | 0   | 0       | 156     | 0     | 0       | 2     | 0  | 2    | 1      |
| 53  | 0   | 2  | 128      | 216  | 0   | 0       | 115     | 0     | 0       | 2     | 0  | 0    | 1      |
| 53  | 0   | 0  | 138      | 234  | 0   | 0       | 160     | 0     | 0       | 2     | 0  | 2    | 1      |
| 51  | 0   | 2  | 130      | 256  | 0   | 0       | 149     | 0     | 0.5     | 2     | 0  | 2    | 1      |
| 66  | 1   | 0  | 120      | 302  | 0   | 0       | 151     | 0     | 0.4     | 1     | 0  | 2    | 1      |
| 62  | 1   | 2  | 130      | 231  | 0   | 1       | 146     | 0     | 1.8     | 1     | 3  | 3    | 1      |
| 44  | 0   | 2  | 108      | 141  | 0   | 1       | 175     | 0     | 0.6     | 1     | 0  | 2    | 1      |
| 63  | 0   | 2  | 135      | 252  | 0   | 0       | 172     | 0     | 0       | 2     | 0  | 2    | 1      |
| 52  | 1   | 1  | 134      | 201  | 0   | 1       | 158     | 0     | 0.8     | 2     | 1  | 2    | 1      |
| 48  | 1   | 0  | 122      | 222  | 0   | 0       | 186     | 0     | 0       | 2     | 0  | 2    | 1      |
| 45  | 1   | 0  | 115      | 260  | 0   | 0       | 185     | 0     | 0       | 2     | 0  | 2    | 1      |
| 34  | 1   | 3  | 118      | 182  | 0   | 0       | 174     | 0     | 0       | 2     | 0  | 2    | 1      |
| 57  | 0   | 0  | 128      | 303  | 0   | 0       | 159     | 0     | 0       | 2     | 1  | 2    | 1      |
| 71  | 0   | 2  | 110      | 265  | 1   | 0       | 130     | 0     | 0       | 2     | 1  | 2    | 1      |
| 54  | 1   | 1  | 108      | 309  | 0   | 1       | 156     | 0     | 0       | 2     | 0  | 3    | 1      |
| 52  | 1   | 3  | 118      | 186  | 0   | 0       | 190     | 0     | 0       | 1     | 0  | 1    | 1      |
| 41  | 1   | 1  | 135      | 203  | 0   | 1       | 132     | 0     | 0       | 1     | 0  | 1    | 1      |
| 58  | 1   | 2  | 140      | 211  | 1   | 0       | 165     | 0     | 0       | 2     | 0  | 2    | 1      |
| 35  | 0   | 0  | 138      | 183  | 0   | 1       | 182     | 0     | 1.4     | 2     | 0  | 2    | 1      |
| 51  | 1   | 2  | 100      | 222  | 0   | 1       | 143     | 1     | 1.2     | 1     | 0  | 2    | 1      |
| 45  | 0   | 1  | 130      | 234  | 0   | 0       | 175     | 0     | 0.6     | 1     | 0  | 2    | 1      |
| 44  | 1   | 1  | 120      | 220  | 0   | 1       | 170     | 0     | 0       | 2     | 0  | 2    | 1      |
| 62  | 0   | 0  | 124      | 209  | 0   | 1       | 163     | 0     | 0       | 2     | 0  | 2    | 1      |
| 54  | 1   | 2  | 120      | 258  | 0   | 0       | 147     | 0     | 0.4     | 1     | 0  | 3    | 1      |
| 51  | 1   | 2  | 94       | 227  | 0   | 1       | 154     | 1     | 0       | 2     | 1  | 3    | 1      |
| 29  | 1   | 1  | 130      | 204  | 0   | 0       | 202     | 0     | 0       | 2     | 0  | 2    | 1      |
| 51  | 1   | 0  | 140      | 261  | 0   | 0       | 186     | 1     | 0       | 2     | 0  | 2    | 1      |
| 43  | 0   | 2  | 122      | 213  | 0   | 1       | 165     | 0     | 0.2     | 1     | 0  | 2    | 1      |
| 55  | 0   | 1  | 135      | 250  | 0   | 0       | 161     | 0     | 1.4     | 1     | 0  | 2    | 1      |
| 51  | 1   | 2  | 125      | 245  | 1   | 0       | 166     | 0     | 2.4     | 1     | 0  | 2    | 1      |
| 59  | 1   | 1  | 140      | 221  | 0   | 1       | 164     | 1     | 0       | 2     | 0  | 2    | 1      |
| 52  | 1   | 1  | 128      | 205  | 1   | 1       | 184     | 0     | 0       | 2     | 0  | 2    | 1      |
| 58  | 1   | 2  | 105      | 240  | 0   | 0       | 154     | 1     | 0.6     | 1     | 0  | 3    | 1      |
| 41  | 1   | 2  | 112      | 250  | 0   | 1       | 179     | 0     | 0       | 2     | 0  | 2    | 1      |
| 45  | 1   | 1  | 128      | 308  | 0   | 0       | 170     | 0     | 0       | 2     | 0  | 2    | 1      |
| 60  | 0   | 2  | 102      | 318  | 0   | 1       | 160     | 0     | 0       | 2     | 1  | 2    | 1      |
| 52  | 1   | 3  | 152      | 298  | 1   | 1       | 178     | 0     | 1.2     | 1     | 0  | 3    | 1      |
| 42  | 0   | 0  | 102      | 265  | 0   | 0       | 122     | 0     | 0.6     | 1     | 0  | 2    | 1      |
| 67  | 0   | 2  | 115      | 564  | 0   | 0       | 160     | 0     | 1.6     | 1     | 0  | 3    | 1      |
| 68  | 1   | 2  | 118      | 277  | 0   | 1       | 151     | 0     | 1       | 2     | 1  | 3    | 1      |
| 46  | 1   | 1  | 101      | 197  | 1   | 1       | 156     | 0     | 0       | 2     | 0  | 3    | 1      |
| 54  | 0   | 2  | 110      | 214  | 0   | 1       | 158     | 0     | 1.6     | 1     | 0  | 2    | 1      |
| 58  | 0   | 0  | 100      | 248  | 0   | 0       | 122     | 0     | 1       | 1     | 0  | 2    | 1      |
| 48  | 1   | 2  | 124      | 255  | 1   | 1       | 175     | 0     | 0       | 2     | 2  | 2    | 1      |
| 57  | 1   | 0  | 132      | 207  | 0   | 1       | 168     | 1     | 0       | 2     | 0  | 3    | 1      |
| 52  | 1   | 2  | 138      | 223  | 0   | 1       | 169     | 0     | 0       | 2     | 4  | 2    | 1      |
| 54  | 0   | 1  | 132      | 288  | 1   | 0       | 159     | 1     | 0       | 2     | 1  | 2    | 1      |
| 45  | 0   | 1  | 112      | 160  | 0   | 1       | 138     | 0     | 0       | 1     | 0  | 2    | 1      |
| 53  | 1   | 0  | 142      | 226  | 0   | 0       | 111     | 1     | 0       | 2     | 0  | 3    | 1      |
| 62  | 0   | 0  | 140      | 394  | 0   | 0       | 157     | 0     | 1.2     | 1     | 0  | 2    | 1      |
| 52  | 1   | 0  | 108      | 233  | 1   | 1       | 147     | 0     | 0.1     | 2     | 3  | 3    | 1      |
| 43  | 1   | 2  | 130      | 315  | 0   | 1       | 162     | 0     | 1.9     | 2     | 1  | 2    | 1      |
| 53  | 1   | 2  | 130      | 246  | 1   | 0       | 173     | 0     | 0       | 2     | 3  | 2    | 1      |

| Age | Sex | CP | Trestbps | Chol | Fbs | Restecg | Thalach | Exang | Oldpeak | Slope | CA | Thal | Target |
|-----|-----|----|----------|------|-----|---------|---------|-------|---------|-------|----|------|--------|
| 42  | 1   | 3  | 148      | 244  | 0   | 0       | 178     | 0     | 0.8     | 2     | 2  | 2    | 1      |
| 59  | 1   | 3  | 178      | 270  | 0   | 0       | 145     | 0     | 4.2     | 0     | 0  | 3    | 1      |
| 63  | 0   | 1  | 140      | 195  | 0   | 1       | 179     | 0     | 0       | 2     | 2  | 2    | 1      |
| 42  | 1   | 2  | 120      | 240  | 1   | 1       | 194     | 0     | 0.8     | 0     | 0  | 3    | 1      |
| 50  | 1   | 2  | 129      | 196  | 0   | 1       | 163     | 0     | 0       | 2     | 0  | 2    | 1      |
| 68  | 0   | 2  | 120      | 211  | 0   | 0       | 115     | 0     | 1.5     | 1     | 0  | 2    | 1      |
| 69  | 1   | 3  | 160      | 234  | 1   | 0       | 131     | 0     | 0.1     | 1     | 1  | 2    | 1      |
| 45  | 0   | 0  | 138      | 236  | 0   | 0       | 152     | 1     | 0.2     | 1     | 0  | 2    | 1      |
| 50  | 0   | 1  | 120      | 244  | 0   | 1       | 162     | 0     | 1.1     | 2     | 0  | 2    | 1      |
| 50  | 0   | 0  | 110      | 254  | 0   | 0       | 159     | 0     | 0       | 2     | 0  | 2    | 1      |
| 64  | 0   | 0  | 180      | 325  | 0   | 1       | 154     | 1     | 0       | 2     | 0  | 2    | 1      |
| 57  | 1   | 2  | 150      | 126  | 1   | 1       | 173     | 0     | 0.2     | 2     | 1  | 3    | 1      |
| 64  | 0   | 2  | 140      | 313  | 0   | 1       | 133     | 0     | 0.2     | 2     | 0  | 3    | 1      |
| 43  | 1   | 0  | 110      | 211  | 0   | 1       | 161     | 0     | 0       | 2     | 0  | 3    | 1      |
| 55  | 1   | 1  | 130      | 262  | 0   | 1       | 155     | 0     | 0       | 2     | 0  | 2    | 1      |
| 37  | 0   | 2  | 120      | 215  | 0   | 1       | 170     | 0     | 0       | 2     | 0  | 2    | 1      |
| 41  | 1   | 2  | 130      | 214  | 0   | 0       | 168     | 0     | 2       | 1     | 0  | 2    | 1      |
| 56  | 1   | 3  | 120      | 193  | 0   | 0       | 162     | 0     | 1.9     | 1     | 0  | 3    | 1      |
| 46  | 0   | 1  | 105      | 204  | 0   | 1       | 172     | 0     | 0       | 2     | 0  | 2    | 1      |
| 46  | 0   | 0  | 138      | 243  | 0   | 0       | 152     | 1     | 0       | 1     | 0  | 2    | 1      |
| 64  | 0   | 0  | 130      | 303  | 0   | 1       | 122     | 0     | 2       | 1     | 2  | 2    | 1      |
| 59  | 1   | 0  | 138      | 271  | 0   | 0       | 182     | 0     | 0       | 2     | 0  | 2    | 1      |
| 41  | 0   | 2  | 112      | 268  | 0   | 0       | 172     | 1     | 0       | 2     | 0  | 2    | 1      |
| 54  | 0   | 2  | 108      | 267  | 0   | 0       | 167     | 0     | 0       | 2     | 0  | 2    | 1      |
| 39  | 0   | 2  | 94       | 199  | 0   | 1       | 179     | 0     | 0       | 2     | 0  | 2    | 1      |
| 34  | 0   | 1  | 118      | 210  | 0   | 1       | 192     | 0     | 0.7     | 2     | 0  | 2    | 1      |
| 47  | 1   | 0  | 112      | 204  | 0   | 1       | 143     | 0     | 0.1     | 2     | 0  | 2    | 1      |
| 67  | 0   | 2  | 152      | 277  | 0   | 1       | 172     | 0     | 0       | 2     | 1  | 2    | 1      |
| 52  | 0   | 2  | 136      | 196  | 0   | 0       | 169     | 0     | 0.1     | 1     | 0  | 2    | 1      |
| 74  | 0   | 1  | 120      | 269  | 0   | 0       | 121     | 1     | 0.2     | 2     | 1  | 2    | 1      |
| 54  | 0   | 2  | 160      | 201  | 0   | 1       | 163     | 0     | 0       | 2     | 1  | 2    | 1      |
| 49  | 0   | 1  | 134      | 271  | 0   | 1       | 162     | 0     | 0       | 1     | 0  | 2    | 1      |
| 42  | 1   | 1  | 120      | 295  | 0   | 1       | 162     | 0     | 0       | 2     | 0  | 2    | 1      |
| 41  | 1   | 1  | 110      | 235  | 0   | 1       | 153     | 0     | 0       | 2     | 0  | 2    | 1      |
| 41  | 0   | 1  | 126      | 306  | 0   | 1       | 163     | 0     | 0       | 2     | 0  | 2    | 1      |
| 49  | 0   | 0  | 130      | 269  | 0   | 1       | 163     | 0     | 0       | 2     | 0  | 2    | 1      |
| 60  | 0   | 2  | 120      | 178  | 1   | 1       | 96      | 0     | 0       | 2     | 0  | 2    | 1      |
| 62  | 1   | 1  | 128      | 208  | 1   | 0       | 140     | 0     | 0       | 2     | 0  | 2    | 1      |
| 57  | 1   | 0  | 110      | 201  | 0   | 1       | 126     | 1     | 1.5     | 1     | 0  | 1    | 1      |
| 64  | 1   | 0  | 128      | 263  | 0   | 1       | 105     | 1     | 0.2     | 1     | 1  | 3    | 1      |
| 51  | 0   | 2  | 120      | 295  | 0   | 0       | 157     | 0     | 0.6     | 2     | 0  | 2    | 1      |
| 43  | 1   | 0  | 115      | 303  | 0   | 1       | 181     | 0     | 1.2     | 1     | 0  | 2    | 1      |
| 42  | 0   | 2  | 120      | 209  | 0   | 1       | 173     | 0     | 0       | 1     | 0  | 2    | 1      |
| 67  | 0   | 0  | 106      | 223  | 0   | 1       | 142     | 0     | 0.3     | 2     | 2  | 2    | 1      |
| 76  | 0   | 2  | 140      | 197  | 0   | 2       | 116     | 0     | 1.1     | 1     | 0  | 2    | 1      |
| 70  | 1   | 1  | 156      | 245  | 0   | 0       | 143     | 0     | 0       | 2     | 0  | 2    | 1      |
| 44  | 0   | 2  | 118      | 242  | 0   | 1       | 149     | 0     | 0.3     | 1     | 1  | 2    | 1      |
| 60  | 0   | 3  | 150      | 240  | 0   | 1       | 171     | 0     | 0.9     | 2     | 0  | 2    | 1      |
| 44  | 1   | 2  | 120      | 226  | 0   | 1       | 169     | 0     | 0       | 2     | 0  | 2    | 1      |
| 42  | 1   | 2  | 130      | 180  | 0   | 1       | 150     | 0     | 0       | 2     | 0  | 2    | 1      |
| 66  | 1   | 0  | 160      | 228  | 0   | 0       | 138     | 0     | 2.3     | 2     | 0  | 1    | 1      |
| 71  | 0   | 0  | 112      | 149  | 0   | 1       | 125     | 0     | 1.6     | 1     | 0  | 2    | 1      |
| 64  | 1   | 3  | 170      | 227  | 0   | 0       | 155     | 0     | 0.6     | 1     | 0  | 3    | 1      |
| 66  | 0   | 2  | 146      | 278  | 0   | 0       | 152     | 0     | 0       | 1     | 1  | 2    | 1      |
| 39  | 0   | 2  | 138      | 220  | 0   | 1       | 152     | 0     | 0       | 1     | 0  | 2    | 1      |

| Age      | Sex | CP | Trestbps   | Chol       | Fbs | Restecg | Thalach    | Exang | Oldpeak | Slope | CA | Thal | Target |
|----------|-----|----|------------|------------|-----|---------|------------|-------|---------|-------|----|------|--------|
| 58       | 0   | 0  | 130        | 197        | 0   | 1       | 131        | 0     | 0.6     | 1     | 0  | 2    | 1      |
| 47       | 1   | 2  | 130        | 253        | 0   | 1       | 179        | 0     | 0       | 2     | 0  | 2    | 1      |
| 35       | 1   | 1  | 122        | 192        | 0   | 1       | 174        | 0     | 0       | 2     | 0  | 2    | 1      |
| 58       | 1   | 1  | 125        | 220        | 0   | 1       | 144        | 0     | 0.4     | 1     | 4  | 3    | 1      |
| 56       | 1   | 1  | 130        | 221        | 0   | 0       | 163        | 0     | 0       | 2     | 0  | 3    | 1      |
| 56       | 1   | 1  | 120        | 240        | 0   | 1       | 169        | 0     | 0       | 0     | 0  | 2    | 1      |
| 55       | 0   | 1  | 132        | 342        | 0   | 1       | 166        | 0     | 1.2     | 2     | 0  | 2    | 1      |
| 41       | 1   | 1  | 120        | 157        | 0   | 1       | 182        | 0     | 0       | 2     | 0  | 2    | 1      |
| 38       | 1   | 2  | 138        | 175        | 0   | 1       | 173        | 0     | 0       | 2     | 4  | 2    | 1      |
| 38       | 1   | 2  | 138        | 175        | 0   | 1       | 173        | 0     | 0       | 2     | 4  | 2    | 1      |
| 67       | 1   | 0  | 160        | 286        | 0   | 0       | 108        | 1     | 1.5     | 1     | 3  | 2    | 0      |
| 67       | 1   | 0  | 120        | 229        | 0   | 0       | 129        | 1     | 2.6     | 1     | 2  | 3    | 0      |
| 62       | 0   | 0  | 140        | 268        | 0   | 0       | 160        | 0     | 3.6     | 0     | 2  | 2    | 0      |
| 63       | 1   | 0  | 130        | 254        | 0   | 0       | 147        | 0     | 1.4     | 1     | 1  | 3    | 0      |
| 53       | 1   | 0  | 140        | 203        | 1   | 0       | 155        | 1     | 3.1     | 0     | 0  | 3    | 0      |
| 56       | 1   | 2  | 130        | 256        | 1   | 0       | 142        | 1     | 0.6     | 1     | 1  | 1    | 0      |
| 48       | 1   | 1  | 110        | 229        | 0   | 1       | 168        | 0     | 1       | 0     | 0  | 3    | 0      |
| 58       | 1   | 1  | 120        | 284        | 0   | 0       | 160        | 0     | 1.8     | 1     | 0  | 2    | 0      |
| 58       | 1   | 2  | 132        | 224        | 0   | 0       | 173        | 0     | 3.2     | 2     | 2  | 3    | 0      |
| 60       | 1   | 0  | 130        | 206        | 0   | 0       | 132        | 1     | 2.4     | 1     | 2  | 3    | 0      |
| 40       | 1   | 0  | 110        | 167        | 0   | 0       | 114        | 1     | 2       | 1     | 0  | 3    | 0      |
| 60       | 1   | 0  | 117        | 230        | 1   | 1       | 160        | 1     | 1.4     | 2     | 2  | 3    | 0      |
| 64       | 1   | 2  | 140        | 335        | 0   | 1       | 158        | 0     | 0       | 2     | 0  | 2    | 0      |
| 43       | 1   | 0  | 120        | 177        | 0   | 0       | 120        | 1     | 2.5     | 1     | 0  | 3    | 0      |
| 57       | 1   | 0  | 150        | 276        | 0   | 0       | 112        | 1     | 0.6     | 1     | 1  | 1    | 0      |
| 55<br>65 | 0   | 0  | 132<br>150 | 353<br>225 | 0   | 1       | 132<br>114 | 0     | 1.2     | 1     | 1  | 3    | 0      |
| 61       | 0   | 0  | 130        | 330        | 0   | 0       | 169        | 0     | 0       | 1 2   | 3  | 2    | 0      |
| 58       | 1   | 2  | 112        | 230        | 0   | 0       | 165        | 0     | 2.5     | 1     | 1  | 3    | 0      |
| 50       | 1   | 0  | 150        | 243        | 0   | 0       | 128        | 0     | 2.6     | 1     | 0  | 3    | 0      |
| 44       | 1   | 0  | 112        | 290        | 0   | 0       | 153        | 0     | 0       | 2     | 1  | 2    | 0      |
| 60       | 1   | 0  | 130        | 253        | 0   | 1       | 144        | 1     | 1.4     | 2     | 1  | 3    | 0      |
| 54       | 1   | 0  | 124        | 266        | 0   | 0       | 109        | 1     | 2.2     | 1     | 1  | 3    | 0      |
| 50       | 1   | 2  | 140        | 233        | 0   | 1       | 163        | 0     | 0.6     | 1     | 1  | 3    | 0      |
| 41       | 1   | 0  | 110        | 172        | 0   | 0       | 158        | 0     | 0.0     | 2     | 0  | 3    | 0      |
| 51       | 0   | 0  | 130        | 305        | 0   | 1       | 142        | 1     | 1.2     | 1     | 0  | 3    | 0      |
| 58       | 1   | 0  | 128        | 216        | 0   | 0       | 131        | 1     | 2.2     | 1     | 3  | 3    | 0      |
| 54       | 1   | 0  | 120        | 188        | 0   | 1       | 113        | 0     | 1.4     | 1     | 1  | 3    | 0      |
| 60       | 1   | 0  | 145        | 282        | 0   | 0       | 142        | 1     | 2.8     | 1     | 2  | 3    | 0      |
| 60       | 1   | 2  | 140        | 185        | 0   | 0       | 155        | 0     | 3       | 1     | 0  | 2    | 0      |
| 59       | 1   | 0  | 170        | 326        | 0   | 0       | 140        | 1     | 3.4     | 0     | 0  | 3    | 0      |
| 46       | 1   | 2  | 150        | 231        | 0   | 1       | 147        | 0     | 3.6     | 1     | 0  | 2    | 0      |
| 67       | 1   | 0  | 125        | 254        | 1   | 1       | 163        | 0     | 0.2     | 1     | 2  | 3    | 0      |
| 62       | 1   | 0  | 120        | 267        | 0   | 1       | 99         | 1     | 1.8     | 1     | 2  | 3    | 0      |
| 65       | 1   | 0  | 110        | 248        | 0   | 0       | 158        | 0     | 0.6     | 2     | 2  | 1    | 0      |
| 44       | 1   | 0  | 110        | 197        | 0   | 0       | 177        | 0     | 0       | 2     | 1  | 2    | 0      |
| 60       | 1   | 0  | 125        | 258        | 0   | 0       | 141        | 1     | 2.8     | 1     | 1  | 3    | 0      |
| 58       | 1   | 0  | 150        | 270        | 0   | 0       | 111        | 1     | 0.8     | 2     | 0  | 3    | 0      |
| 68       | 1   | 2  | 180        | 274        | 1   | 0       | 150        | 1     | 1.6     | 1     | 0  | 3    | 0      |
| 62       | 0   | 0  | 160        | 164        | 0   | 0       | 145        | 0     | 6.2     | 0     | 3  | 3    | 0      |
| 52       | 1   | 0  | 128        | 255        | 0   | 1       | 161        | 1     | 0       | 2     | 1  | 3    | 0      |
| 59       | 1   | 0  | 110        | 239        | 0   | 0       | 142        | 1     | 1.2     | 1     | 1  | 3    | 0      |
| 60       | 0   | 0  | 150        | 258        | 0   | 0       | 157        | 0     | 2.6     | 1     | 2  | 3    | 0      |
| 49       | 1   | 2  | 120        | 188        | 0   | 1       | 139        | 0     | 2       | 1     | 3  | 3    | 0      |
| 59       | 1   | 0  | 140        | 177        | 0   | 1       | 162        | 1     | 0       | 2     | 1  | 3    | 0      |

| Age | Sex | CP | Trestbps | Chol | Fbs | Restecg | Thalach | Exang | Oldpeak | Slope | CA | Thal | Target |
|-----|-----|----|----------|------|-----|---------|---------|-------|---------|-------|----|------|--------|
| 57  | 1   | 2  | 128      | 229  | 0   | 0       | 150     | 0     | 0.4     | 1     | 1  | 3    | 0      |
| 61  | 1   | 0  | 120      | 260  | 0   | 1       | 140     | 1     | 3.6     | 1     | 1  | 3    | 0      |
| 39  | 1   | 0  | 118      | 219  | 0   | 1       | 140     | 0     | 1.2     | 1     | 0  | 3    | 0      |
| 61  | 0   | 0  | 145      | 307  | 0   | 0       | 146     | 1     | 1       | 1     | 0  | 3    | 0      |
| 56  | 1   | 0  | 125      | 249  | 1   | 0       | 144     | 1     | 1.2     | 1     | 1  | 2    | 0      |
| 43  | 0   | 0  | 132      | 341  | 1   | 0       | 136     | 1     | 3       | 1     | 0  | 3    | 0      |
| 62  | 0   | 2  | 130      | 263  | 0   | 1       | 97      | 0     | 1.2     | 1     | 1  | 3    | 0      |
| 63  | 1   | 0  | 130      | 330  | 1   | 0       | 132     | 1     | 1.8     | 2     | 3  | 3    | 0      |
| 65  | 1   | 0  | 135      | 254  | 0   | 0       | 127     | 0     | 2.8     | 1     | 1  | 3    | 0      |
| 48  | 1   | 0  | 130      | 256  | 1   | 0       | 150     | 1     | 0       | 2     | 2  | 3    | 0      |
| 63  | 0   | 0  | 150      | 407  | 0   | 0       | 154     | 0     | 4       | 1     | 3  | 3    | 0      |
| 55  | 1   | 0  | 140      | 217  | 0   | 1       | 111     | 1     | 5.6     | 0     | 0  | 3    | 0      |
| 65  | 1   | 3  | 138      | 282  | 1   | 0       | 174     | 0     | 1.4     | 1     | 1  | 2    | 0      |
| 56  | 0   | 0  | 200      | 288  | 1   | 0       | 133     | 1     | 4       | 0     | 2  | 3    | 0      |
| 54  | 1   | 0  | 110      | 239  | 0   | 1       | 126     | 1     | 2.8     | 1     | 1  | 3    | 0      |
| 70  | 1   | 0  | 145      | 174  | 0   | 1       | 125     | 1     | 2.6     | 0     | 0  | 3    | 0      |
| 62  | 1   | 1  | 120      | 281  | 0   | 0       | 103     | 0     | 1.4     | 1     | 1  | 3    | 0      |
| 35  | 1   | 0  | 120      | 198  | 0   | 1       | 130     | 1     | 1.6     | 1     | 0  | 3    | 0      |
| 59  | 1   | 3  | 170      | 288  | 0   | 0       | 159     | 0     | 0.2     | 1     | 0  | 3    | 0      |
| 64  | 1   | 2  | 125      | 309  | 0   | 1       | 131     | 1     | 1.8     | 1     | 0  | 3    | 0      |
| 47  | 1   | 2  | 108      | 243  | 0   | 1       | 152     | 0     | 0       | 2     | 0  | 2    | 0      |
| 57  | 1   | 0  | 165      | 289  | 1   | 0       | 124     | 0     | 1       | 1     | 3  | 3    | 0      |
| 55  | 1   | 0  | 160      | 289  | 0   | 0       | 145     | 1     | 0.8     | 1     | 1  | 3    | 0      |
| 64  | 1   | 0  | 120      | 246  | 0   | 0       | 96      | 1     | 2.2     | 0     | 1  | 2    | 0      |
| 70  | 1   | 0  | 130      | 322  | 0   | 0       | 109     | 0     | 2.4     | 1     | 3  | 2    | 0      |
| 51  | 1   | 0  | 140      | 299  | 0   | 1       | 173     | 1     | 1.6     | 2     | 0  | 3    | 0      |
| 58  | 1   | 0  | 125      | 300  | 0   | 0       | 171     | 0     | 0       | 2     | 2  | 3    | 0      |
| 60  | 1   | 0  | 140      | 293  | 0   | 0       | 170     | 0     | 1.2     | 1     | 2  | 3    | 0      |
| 77  | 1   | 0  | 125      | 304  | 0   | 0       | 162     | 1     | 0       | 2     | 3  | 2    | 0      |
| 35  | 1   | 0  | 126      | 282  | 0   | 0       | 156     | 1     | 0       | 2     | 0  | 3    | 0      |
| 70  | 1   | 2  | 160      | 269  | 0   | 1       | 112     | 1     | 2.9     | 1     | 1  | 3    | 0      |
| 59  | 0   | 0  | 174      | 249  | 0   | 1       | 143     | 1     | 0       | 1     | 0  | 2    | 0      |
| 64  | 1   | 0  | 145      | 212  | 0   | 0       | 132     | 0     | 2       | 1     | 2  | 1    | 0      |
| 57  | 1   | 0  | 152      | 274  | 0   | 1       | 88      | 1     | 1.2     | 1     | 1  | 3    | 0      |
| 56  | 1   | 0  | 132      | 184  | 0   | 0       | 105     | 1     | 2.1     | 1     | 1  | 1    | 0      |
| 48  | 1   | 0  | 124      | 274  | 0   | 0       | 166     | 0     | 0.5     | 1     | 0  | 3    | 0      |
| 56  | 0   | 0  | 134      | 409  | 0   | 0       | 150     | 1     | 1.9     | 1     | 2  | 3    | 0      |
| 66  | 1   | 1  | 160      | 246  | 0   | 1       | 120     | 1     | 0       | 1     | 3  | 1    | 0      |
| 54  | 1   | 1  | 192      | 283  | 0   | 0       | 195     | 0     | 0       | 2     | 1  | 3    | 0      |
| 69  | 1   | 2  | 140      | 254  | 0   | 0       | 146     | 0     | 2       | 1     | 3  | 3    | 0      |
| 51  | 1   | 0  | 140      | 298  | 0   | 1       | 122     | 1     | 4.2     | 1     | 3  | 3    | 0      |
| 43  | 1   | 0  | 132      | 247  | 1   | 0       | 143     | 1     | 0.1     | 1     | 4  | 3    | 0      |
| 62  | 0   | 0  | 138      | 294  | 1   | 1       | 106     | 0     | 1.9     | 1     | 3  | 2    | 0      |
| 67  | 1   | 0  | 100      | 299  | 0   | 0       | 125     | 1     | 0.9     | 1     | 2  | 2    | 0      |
| 59  | 1   | 3  | 160      | 273  | 0   | 0       | 125     | 0     | 0       | 2     | 0  | 2    | 0      |
| 45  | 1   | 0  | 142      | 309  | 0   | 0       | 147     | 1     | 0       | 1     | 3  | 3    | 0      |
| 58  | 1   | 0  | 128      | 259  | 0   | 0       | 130     | 1     | 3       | 1     | 2  | 3    | 0      |
| 50  | 1   | 0  | 144      | 200  | 0   | 0       | 126     | 1     | 0.9     | 1     | 0  | 3    | 0      |
| 62  | 0   | 0  | 150      | 244  | 0   | 1       | 154     | 1     | 1.4     | 1     | 0  | 2    | 0      |
| 38  | 1   | 3  | 120      | 231  | 0   | 1       | 182     | 1     | 3.8     | 1     | 0  | 3    | 0      |
| 66  | 0   | 0  | 178      | 228  | 1   | 1       | 165     | 1     | 1       | 1     | 2  | 3    | 0      |
| 52  | 1   | 0  | 112      | 230  | 0   | 1       | 160     | 0     | 0       | 2     | 1  | 2    | 0      |
| 53  | 1   | 0  | 123      | 282  | 0   | 1       | 95      | 1     | 2       | 1     | 2  | 3    | 0      |
| 63  | 0   | 0  | 108      | 269  | 0   | 1       | 169     | 1     | 1.8     | 1     | 2  | 2    | 0      |
| 54  | 1   | 0  | 110      | 206  | 0   | 0       | 108     | 1     | 0       | 1     | 1  | 2    | 0      |

| Age | Sex | CP | Trestbps | Chol | Fbs | Restecg | Thalach | Exang | Oldpeak | Slope | CA | Thal | Target |
|-----|-----|----|----------|------|-----|---------|---------|-------|---------|-------|----|------|--------|
| 66  | 1   | 0  | 112      | 212  | 0   | 0       | 132     | 1     | 0.1     | 2     | 1  | 2    | 0      |
| 55  | 0   | 0  | 180      | 327  | 0   | 2       | 117     | 1     | 3.4     | 1     | 0  | 2    | 0      |
| 49  | 1   | 2  | 118      | 149  | 0   | 0       | 126     | 0     | 0.8     | 2     | 3  | 2    | 0      |
| 54  | 1   | 0  | 122      | 286  | 0   | 0       | 116     | 1     | 3.2     | 1     | 2  | 2    | 0      |
| 56  | 1   | 0  | 130      | 283  | 1   | 0       | 103     | 1     | 1.6     | 0     | 0  | 3    | 0      |
| 46  | 1   | 0  | 120      | 249  | 0   | 0       | 144     | 0     | 0.8     | 2     | 0  | 3    | 0      |
| 61  | 1   | 3  | 134      | 234  | 0   | 1       | 145     | 0     | 2.6     | 1     | 2  | 2    | 0      |
| 67  | 1   | 0  | 120      | 237  | 0   | 1       | 71      | 0     | 1       | 1     | 0  | 2    | 0      |
| 58  | 1   | 0  | 100      | 234  | 0   | 1       | 156     | 0     | 0.1     | 2     | 1  | 3    | 0      |
| 47  | 1   | 0  | 110      | 275  | 0   | 0       | 118     | 1     | 1       | 1     | 1  | 2    | 0      |
| 52  | 1   | 0  | 125      | 212  | 0   | 1       | 168     | 0     | 1       | 2     | 2  | 3    | 0      |
| 58  | 1   | 0  | 146      | 218  | 0   | 1       | 105     | 0     | 2       | 1     | 1  | 3    | 0      |
| 57  | 1   | 1  | 124      | 261  | 0   | 1       | 141     | 0     | 0.3     | 2     | 0  | 3    | 0      |
| 58  | 0   | 1  | 136      | 319  | 1   | 0       | 152     | 0     | 0       | 2     | 2  | 2    | 0      |
| 61  | 1   | 0  | 138      | 166  | 0   | 0       | 125     | 1     | 3.6     | 1     | 1  | 2    | 0      |
| 42  | 1   | 0  | 136      | 315  | 0   | 1       | 125     | 1     | 1.8     | 1     | 0  | 1    | 0      |
| 52  | 1   | 0  | 128      | 204  | 1   | 1       | 156     | 1     | 1       | 1     | 0  | 0    | 0      |
| 59  | 1   | 2  | 126      | 218  | 1   | 1       | 134     | 0     | 2.2     | 1     | 1  | 1    | 0      |
| 40  | 1   | 0  | 152      | 223  | 0   | 1       | 181     | 0     | 0       | 2     | 0  | 3    | 0      |
| 61  | 1   | 0  | 140      | 207  | 0   | 0       | 138     | 1     | 1.9     | 2     | 1  | 3    | 0      |
| 46  | 1   | 0  | 140      | 311  | 0   | 1       | 120     | 1     | 1.8     | 1     | 2  | 3    | 0      |
| 59  | 1   | 3  | 134      | 204  | 0   | 1       | 162     | 0     | 0.8     | 2     | 2  | 2    | 0      |
| 57  | 1   | 1  | 154      | 232  | 0   | 0       | 164     | 0     | 0       | 2     | 1  | 2    | 0      |
| 57  | 1   | 0  | 110      | 335  | 0   | 1       | 143     | 1     | 3       | 1     | 1  | 3    | 0      |
| 55  | 0   | 0  | 128      | 205  | 0   | 2       | 130     | 1     | 2       | 1     | 1  | 3    | 0      |
| 61  | 1   | 0  | 148      | 203  | 0   | 1       | 161     | 0     | 0       | 2     | 1  | 3    | 0      |
| 58  | 1   | 0  | 114      | 318  | 0   | 2       | 140     | 0     | 4.4     | 0     | 3  | 1    | 0      |
| 58  | 0   | 0  | 170      | 225  | 1   | 0       | 146     | 1     | 2.8     | 1     | 2  | 1    | 0      |
| 67  | 1   | 2  | 152      | 212  | 0   | 0       | 150     | 0     | 0.8     | 1     | 0  | 3    | 0      |
| 44  | 1   | 0  | 120      | 169  | 0   | 1       | 144     | 1     | 2.8     | 0     | 0  | 1    | 0      |
| 63  | 1   | 0  | 140      | 187  | 0   | 0       | 144     | 1     | 4       | 2     | 2  | 3    | 0      |
| 63  | 0   | 0  | 124      | 197  | 0   | 1       | 136     | 1     | 0       | 1     | 0  | 2    | 0      |
| 59  | 1   | 0  | 164      | 176  | 1   | 0       | 90      | 0     | 1       | 1     | 2  | 1    | 0      |
| 57  | 0   | 0  | 140      | 241  | 0   | 1       | 123     | 1     | 0.2     | 1     | 0  | 3    | 0      |
| 45  | 1   | 3  | 110      | 264  | 0   | 1       | 132     | 0     | 1.2     | 1     | 0  | 3    | 0      |
| 68  | 1   | 0  | 144      | 193  | 1   | 1       | 141     | 0     | 3.4     | 1     | 2  | 3    | 0      |
| 57  | 1   | 0  | 130      | 131  | 0   | 1       | 115     | 1     | 1.2     | 1     | 1  | 3    | 0      |
| 57  | 0   | 1  | 130      | 236  | 0   | 0       | 174     | 0     | 0       | 1     | 1  | 2    | 0      |
|     |     |    |          |      |     |         |         |       |         |       |    |      |        |