MATTHEWS

CORRELATION COEFFICIENT

$$M = \frac{\overbrace{TP}^{\text{True Positive}} \times \overbrace{TN}^{\text{True Negative}} - \overbrace{FP}^{\text{False Positive}} \times \overbrace{FN}^{\text{False Negative}}}{\sqrt{(TP + FP)(TP + FN)(TN + FP)(TN + FN)}}$$

Ranges from −1 (perfectly wrong classifier) to 1 (perfectly right classifier).