

Table 1: Distribution of misclassifications per class by xECGArch with optimal weights, separated into cases that were misclassified by the long-term model only, the short-term model only, or both. Most cases that were misclassified by only one model could be compensated by a high decision reliability of the respective other model. AF, atrial fibrillation; NSR, normal sinus rhythm; O, others.

	AF	NSR	O	Total
Long-term model	28	11	19	58
Compensated	4	3	3	10
Not compensated	24	8	16	49
Short-term model	29	24	29	82
Compensated	7	16	12	35
Not compensated	22	8	17	47
Any model	37	29	35	101
xECGArch	26	10	20	56
Long-term model only	4	2	3	9
Short-term model only	2	2	4	8
Both models	20	6	13	39
Absolute improvement by weight optimization	1	4	4	9
Total improvement by weight optimization	0	4	3	7