

**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
<b>Long-term model</b>	<b>28</b>	<b>11</b>	<b>19</b>	<b>58</b>
Compensated	4	3	3	10
Not compensated	24	8	16	49
<b>Short-term model</b>	<b>29</b>	<b>24</b>	<b>29</b>	<b>82</b>
Compensated	7	16	12	35
Not compensated	22	8	17	47
<b>Any model</b>	<b>37</b>	<b>29</b>	<b>35</b>	<b>101</b>
<b>xECGArch</b>	<b>26</b>	<b>10</b>	<b>20</b>	<b>56</b>
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