

## Auto Multiple Choice - Support # 640: scoring strategy formula NB, NM and NMC

|                     |  |                  |        |
|---------------------|--|------------------|--------|
| <b>Status:</b>      | Feedback   | <b>Priority:</b> | Normal |
| <b>Author:</b>      | Giovanni Morando   | <b>Category:</b> |        |
| <b>Created:</b>     | 03/22/2019   | <b>Assignee:</b> |        |
| <b>Updated:</b>     | 03/22/2019   | <b>Due date:</b> |        |
| <b>Description:</b> | <p>The second strategy works, the first does not work (it always gives 0).<br/> Anyu idea how to obtain the first strategy?<br/> Thanks<br/> Giovanni</p> <p>*</p> <p>I would like this to give<br/> 1 point if 0 or 1 wrong answers are given (unchecked correctchoice or checked wrongchoice)<br/> 0 point if more than 1 wrong answer is given*</p> <pre>\begin{questionmult}{C1ALG02Q021a}\scoring{formula=(NM&gt;=2 ? 0 : 1)}</pre> <pre>\begin{choicescustom} \correctchoice{\$e\$} \correctchoice{\$g\$} \correctchoice{\$h\$} \wrongchoice{\$a\$} \wrongchoice{\$b\$} \wrongchoice{\$c\$} \wrongchoice{\$d\$} \wrongchoice{\$f\$} \end{choicescustom} \end{questionmult}</pre> <p>*</p> <p>I would like this to give<br/> 0 if more than 1 wrongchoice is checked and<br/> 0,33 or 0,66 or 0,99 depending if 1, 2 or 3 correctchoices are checked and no wrongchoices are checked*</p> <pre>\begin{questionmult}{C1INF01Q006a}\scoring{default.v1=0,default.v2=0,default.v3=0,formula=(NMC&gt;=1 ? 0 : v1+v2+v3)}</pre> <pre>%\begin{minipage}{.3\linewidth} In una NXOR l'uscita `e` \$0\$ se</pre> <pre>%\end{minipage} %\begin{minipage}{.6\linewidth} \begin{multicols}{3} \begin{choices} \correctchoice{tutti gli ingressi sono 1.}\scoring{set.v1=.33} %\scoring{b=0.5} \correctchoice{Un ingresso è 1 e l'altro è 0.}\scoring{set.v2=.33} %\scoring{b=0.5} \correctchoice{`e` un gruppo universale.}\scoring{set.v3=.33} %\scoring{b=0.5} \wrongchoice{tutti gli ingressi sono 0.}</pre> |                  |        |

```
%\scoring{b=0,m=-0.5}
\wrongchoice{gli ingressi sono negati.}
%\scoring{b=0,m=-0.5}
\end{choices}
\end{multicols}
%\end{minipage}
\end{questionmult}
```

## History

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**03/22/2019 09:34 am - Alexis Bienvenüe**

- Status changed from New to Feedback

@NM@ is the number of @\wrongchoice@s. @NMC@ is the number of @\wrongchoice@s that has been checked by the student. Same for @NB@ and @NBC@ for @\correctchoice@s. So maybe you should use @NMC+NB-NBC>=2@ instead?