Here are the correct results obtained within Open Office 3.3.0 (Sorry, could not find anymore the similar Libre Office version on the website; but it was also correct). Compare with the other attachment, written within Libre Office 3.5.1.2.

Numbers inside the matrices are correctly aligned right in the first example; correctly centered in the second (except maybe for 33 ); and correctly left aligned in the third one.
$\left[\begin{array}{rr}-2 & 33 \\ 4 & -5 \\ 6,0 & 7\end{array}\right]$ : obtained with left[ alignr matrix $\{-2 \# 33 \# \# 4 \#-5 \# \# 6,0 \# 7\}$ right ]
$\left[\begin{array}{cc}-2 & 33 \\ 4 & -5 \\ 6,0 & 7 \\ -2 & 33 \\ 4 & -5 \\ 6,0 & 7\end{array}\right]$ : obtained with left[ alignc matrix $\{-2 \# 33 \# \# 4 \#-5 \# \# 6,0 \# 7\}$ right $]$

Actual 3.3 OO document output is in hybrid pdf. Open it with OO or LO if you wish to verify the math commands.

