$$\mathbf{CWD} := \text{“C:\PhD\2015\00 Papers\Paper 2 – Amazon River\”}$$
$$CWD2 := \text{concat}\left(\mathbf{CWD}, \text{“gdal\”}\right)$$
$$\mathbf{CWD3} := \text{concat}\left(\mathbf{CWD}, \text{“00 – Landsat 8”}\right)$$

$$\begin{aligned}
&Output := \\
&\quad Log0 \leftarrow \text{READTEXT}\left(\text{“arquivos.log”}\right) \\
&\quad \text{for } i \in 0 \,..\, \text{rows}\left(Log0\right) - 1 \\
&\quad\quad Log_i \leftarrow \text{substr}\left(Log0_i, 0, \text{strlen}\left(Log0_i\right) - 8\right) \\
&\quad\quad Log \\
&\quad Log \leftarrow Log \\
&\quad A_0 \leftarrow \text{“echo off”} \\
&\quad A_1 \leftarrow \text{“cd\”} \\
&\quad A_2 \leftarrow \text{concat}\left(\text{“cd ””}, \mathbf{CWD3}, \text{“””}\right) \\
&\quad A_3 \leftarrow \text{concat}\left(\text{“copy *B2.tif ””}, CWD2, \text{“””}\right) \\
&\quad A_4 \leftarrow \text{concat}\left(\text{“copy *B3.tif ””}, CWD2, \text{“””}\right) \\
&\quad A_5 \leftarrow \text{concat}\left(\text{“copy *B4.tif ””}, CWD2, \text{“””}\right) \\
&\quad A_6 \leftarrow \text{concat}\left(\text{“copy *B6.tif ””}, CWD2, \text{“””}\right) \\
&\quad A_7 \leftarrow \text{concat}\left(\text{“copy *B5.tif ””}, CWD2, \text{“””}\right) \\
&\quad A_8 \leftarrow \text{concat}\left(\text{“cd ””}, CWD2, \text{“””}\right) \\
&\quad cont \leftarrow 0 \\
&\quad \text{for } j \in 0 \,..\, \text{rows}\left(Log\right) - 1 \\
&\quad\quad A_{9+count} \leftarrow \text{concat}\left(\text{“gdal_translate –of AAIGrid ”}, \text{concat}\left(Log_j, \text{“_B2.tif ”}\right), \text{concat}\left(Log_j, \text{“_B2.asc”}\right)\right) \\
&\quad\quad A_{9+count+1} \leftarrow \text{concat}\left(\text{“gdal_translate –of AAIGrid ”}, \text{concat}\left(Log_j, \text{“_B3.tif ”}\right), \text{concat}\left(Log_j, \text{“_B3.asc”}\right)\right) \\
&\quad\quad A_{9+count+2} \leftarrow \text{concat}\left(\text{“gdal_translate –of AAIGrid ”}, \text{concat}\left(Log_j, \text{“_B4.tif ”}\right), \text{concat}\left(Log_j, \text{“_B4.asc”}\right)\right)
\end{aligned}$$

$$A_{9+count+3} \leftarrow \text{concat}\left(\text{“gdal_translate –of AAIGrid ”}, \text{concat}\left(Log_j, \text{“_B6.tif ”}\right), \text{concat}\left(Log_j, \text{“_B6.asc”}\right)\right)$$

$$A_{9+count+4} \leftarrow \text{concat}\left(\text{“gdal_translate –of AAIGrid ”}, \text{concat}\left(Log_j, \text{“_B5.tif ”}\right), \text{concat}\left(Log_j, \text{“_B5.asc”}\right)\right)$$

$$count \leftarrow count + 5$$

$$A_{9+count} \leftarrow \text{“del *B2.tif”}$$

$$A_{9+count+1} \leftarrow \text{“del *B3.tif”}$$

$$A_{9+count+2} \leftarrow \text{“del *B4.tif”}$$

$$A_{9+count+3} \leftarrow \text{“del *B6.tif”}$$

$$A_{9+count+4} \leftarrow \text{“del *B5.tif”}$$

$$A_{9+count+5} \leftarrow \text{“del *B2.prj”}$$

$$A_{9+count+6} \leftarrow \text{“del *B3.prj”}$$

$$A_{9+count+7} \leftarrow \text{“del *B4.prj”}$$

$$A_{9+count+8} \leftarrow \text{“del *B6.prj”}$$

$$A_{9+count+9} \leftarrow \text{“del *B5.prj”}$$

$$A_{9+count+10} \leftarrow \text{“del *B2*.xml”}$$

$$A_{9+count+11} \leftarrow \text{“del *B3*.xml”}$$

$$A_{9+count+12} \leftarrow \text{“del *B4*.xml”}$$

$$A_{9+count+13} \leftarrow \text{“del *B6*.xml”}$$

$$A_{9+count+14} \leftarrow \text{“del *B5*.xml”}$$

$$A_{9+count+15} \leftarrow \text{concat}\left(\text{“move *B2.asc ”“”}, \mathbf{CWD3}, \text{“”“”}\right)$$

$$A_{9+count+16} \leftarrow \text{concat}\left(\text{“move *B3.asc ”“”}, \mathbf{CWD3}, \text{“”“”}\right)$$

$$A_{9+count+17} \leftarrow \text{concat}\left(\text{“move *B4.asc ”“”}, \mathbf{CWD3}, \text{“”“”}\right)$$

$$A_{9+count+17} \leftarrow \text{concat}(\text{“move *B4.asc ”}, \mathbf{CWD3}, \text{“”})$$
$$A_{9+count+18} \leftarrow \text{concat}(\text{“move *B6.asc ”}, \mathbf{CWD3}, \text{“”})$$
$$A_{9+count+19} \leftarrow \text{concat}(\text{“move *B5.asc ”}, \mathbf{CWD3}, \text{“”})$$
$$\text{WRITETEXT}(\text{“02GDALbat.bat”}, A)$$

$$\begin{bmatrix} \vdots \\ \text{“gdal_translate –of AAIGrid LT52250601996240CUB00_B6.tif LT52250601996240CUB00_B6.asc”} \\ \text{“gdal_translate –of AAIGrid LT52250601996240CUB00_B5.tif LT52250601996240CUB00_B5.asc”} \\ \text{“gdal_translate –of AAIGrid LT52250602000251CUB00_B2.tif LT52250602000251CUB00_B2.asc”} \\ \text{“gdal_translate –of AAIGrid LT52250602000251CUB00_B3.tif LT52250602000251CUB00_B3.asc”} \\ \text{“gdal_translate –of AAIGrid LT52250602000251CUB00_B4.tif LT52250602000251CUB00_B4.asc”} \\ \text{“gdal_translate –of AAIGrid LT52250602000251CUB00_B6.tif LT52250602000251CUB00_B6.asc”} \\ \text{“gdal_translate –of AAIGrid LT52250602000251CUB00_B5.tif LT52250602000251CUB00_B5.asc”} \\ \text{“gdal_translate –of AAIGrid LT52250602006299CUB00_B2.tif LT52250602006299CUB00_B2.asc”} \\ \text{“gdal_translate –of AAIGrid LT52250602006299CUB00_B3.tif LT52250602006299CUB00_B3.asc”} \\ \text{“gdal_translate –of AAIGrid LT52250602006299CUB00_B4.tif LT52250602006299CUB00_B4.asc”} \\ \text{“gdal_translate –of AAIGrid LT52250602006299CUB00_B6.tif LT52250602006299CUB00_B6.asc”} \\ \text{“gdal_translate –of AAIGrid LT52250602006299CUB00_B5.tif LT52250602006299CUB00_B5.asc”} \\ \text{“gdal_translate –of AAIGrid LT52250602008145CUB00_B2.tif LT52250602008145CUB00_B2.asc”} \\ \text{“gdal_translate –of AAIGrid LT52250602008145CUB00_B3.tif LT52250602008145CUB00_B3.asc”} \\ \text{“gdal_translate –of AAIGrid LT52250602008145CUB00_B4.tif LT52250602008145CUB00_B4.asc”} \\ \text{“gdal_translate –of AAIGrid LT52250602008145CUB00_B6.tif LT52250602008145CUB00_B6.asc”} \\ \text{“gdal_translate –of AAIGrid LT52250602008145CUB00_B5.tif LT52250602008145CUB00_B5.asc”} \\ \text{“del *B2.tif”} \end{bmatrix}$$

$$
Output = \begin{bmatrix}
\text{“del *B2.tif”} \\
\text{“del *B3.tif”} \\
\text{“del *B4.tif”} \\
\text{“del *B6.tif”} \\
\text{“del *B5.tif”} \\
\text{“del *B2.prj”} \\
\text{“del *B3.prj”} \\
\text{“del *B4.prj”} \\
\text{“del *B6.prj”} \\
\text{“del *B5.prj”} \\
\text{“del *B2*.xml”} \\
\text{“del *B3*.xml”} \\
\text{“del *B4*.xml”} \\
\text{“del *B6*.xml”} \\
\text{“del *B5*.xml”} \\
\text{“move *B2.asc ″C:\PhD\2015\00 Papers\Paper 2 – Amazon River\00 – Landsat 8″”} \\
\text{“move *B3.asc ″C:\PhD\2015\00 Papers\Paper 2 – Amazon River\00 – Landsat 8″”} \\
\text{“move *B4.asc ″C:\PhD\2015\00 Papers\Paper 2 – Amazon River\00 – Landsat 8″”} \\
\text{“move *B6.asc ″C:\PhD\2015\00 Papers\Paper 2 – Amazon River\00 – Landsat 8″”} \\
\text{“move *B5.asc ″C:\PhD\2015\00 Papers\Paper 2 – Amazon River\00 – Landsat 8″”}
\end{bmatrix}
$$