

HEADING	UNITS	DESCRIPTION
Strip ID	-	Identification number for each strip
POINT_X	m	The X coordinates of the centroid of each strip in UTM 30N
POIN_Y	m	The Y coordinates of the centroid of each strip in UTM 30N
Distance from downstream	m	It is the length from the downstream limit of the studied reach, in meters.
Depo_Vol	m ³	The deposited sediment volumes.
Ero_Vol	m ³	The eroded sediment volumes.
Net_Vol__D	m ³	The net (deposition minus erosion) sediment volumes.
Type	-	Boundary type (1,2,3,4,5)
Code	-	Coded boundary type. (1=1; 2=2; 3=0; 4=-2; 5=not found)
min_explains_dep	m	Minimum distance upstream needed to explain downstream accumulated volume. Hypothesis 1b, section 3.2 of the main manuscript.
max_explains_dep	m	Maximum distance upstream needed to explain downstream accumulated volume. Hypothesis 1a, section 3.2 of the main manuscript.
End_found?	-	Ignore this column. It does not provide any information about sediment transfers. It helped the programmer to check if the code worked well during intermediate steps.
Accumulated_Volume	m ³	Estimated volume that is utilized for estimating the sediment transport distances.
Accumulated_strips	-	Number of strips that have been used for estimating the Accumulated_volume.
Balanced?	-	It tells if the compensation algorithm founded enough sediment volume to explain the Accumulated_volume within the studied reach.
Depmin_Remaining_Volume	m ³	Remaining volume after estimating the balance. When the Accumulated_vol is reached in a certain strip, there is always a remaining extra volume not needed for compensation. This column express this extra value for the minimum hypothesis (1b).
Depmax_Remaining_Volume	m ³	Remaining volume after estimating the balance. When the Accumulated_vol is reached in a certain strip, there is always a remaining extra volume not needed for compensation. This column express this extra value for the maximum hypothesis (1a)
min_explains_ero	m	Minimum distance downstream needed to explain upstream eroded volume. Hypothesis 2b, section 3.2 of the main manuscript.

max_explains_ero	m	Maximum distance downstream needed to explain upstream eroded volume. Hypothesis 2a, section 3.2 of the main manuscript.
End_found?	-	Ignore this column. It does not provide any information about sediment transfers. It helped the programmer to check if the code worked well during intermediate steps.
Accumulated_Volume	m ³	Estimated volume that is utilized for estimating the sediment transport distances.
Accumulated_strips	-	Number of strips that have been used for estimating the Accumulated_volume.
Balanced?	-	It tells if the compensation algorithm founded enough sediment volume to explain the Accumulated_volume within the studied reach.
Eromin_Remaining_Volume	m ³	Remaining volume after estimating the balance. When the Accumulated_vol is reached in a certain strip, there is always a remaining extra volume not needed for compensation. This column express this extra value for the minimum hypothesis (2b).
Eromax_Remaining_Volume	m ³	(m ³) Remaining volume after estimating the balance. When the Accumulated_vol is reached in a certain strip, there is always a remaining extra volume not needed for compensation. This column express this extra value for the maximum hypothesis (2a).