

Input no	Output no		
	1 output	2 outputs	$n_O \geq 3$ outputs
0 input	✓ mining	✓ mining	✓ mining
1 input	1 payment or a relay	2 payments or 1 payment with change	$n_O$ payments or $n_O - c$ payments with $c$ changes to own wallets
	✓ † (relay transaction)	✓ † (peel transaction)	✓ (distribution)
$n_I \geq 2$ inputs	consolidation of fund	payment	multi-input
	either to own wallet or for payment	with or without change	multi-output
	✓ † (sweep transaction)	† (peel transaction)	(mixing/distribution)

How specific Bitcoins flow from individual inputs to individual outputs within one transaction may or not be deterministically inferred, depending on the input/output configuration. In the work of Chang and Svetinovic,<sup>17</sup> a summary of nomenclature has been proposed for some of the configurations, which we refer to in Table 1, while specifying a typology of the transactions based on their input/output configurations.