Constructor Constructor Function bar Function foo **Function identity Function check Contract Contract** (public) (public) (public) (public) (public) LOAD owner, LOAD owner Function Function  $\{x\}, \{x2\}$ 3735928559 **Function** Const 8e119f False Function Const (a=3735928559) Assignment {x} False Const MagicVariable Const 0 msg Assignment (=False)  $(x2=\{x2\})$ StateVariableLoad LOAD owner Const 0 Assignment (=0) SENDER SENDER StateVariableLoad LOAD owner StateVariableStore | STORE Contract.owner = 0 |Assignment | (=False) Assignment (y={x}) MagicVariable msg RET [] Assignment (x={x}) Jump RET [(y={x})] SENDER SENDER Assignment (x2={x2}) (SENDER == SENDER) BinaryOp Jump Branch (SENDER == SENDER) {arg\_ec1} False LOAD owner, (a={a}) True {arg\_8af}, {arg\_5af} CONTINUATION {arg\_8af}, {arg\_5af} IF\_TRUE (b={arg\_8af}) CONTINUATION Assignment IF\_FALSE (b2={arg\_5af}) Assignment {arg\_ec1} 3735924751 Const MagicVariable Assignment (y={arg\_ec1}) msg Assignment (a=3735924751) Goto SENDER SENDER Jump Goto SelfDestruct SELFDESTRUCT RET [] (a=3735924751) (a=3735928559) {arg\_461} IF\_JOIN CONTINUATION {a} {arg\_461} (a={a}) Assignment Assignment (y2={arg\_461}) StateVariableLoad LOAD owner True Const Branch True Jump {arg\_33c}, {arg\_25a} True \False CONTINUATION {arg\_33c}, {arg\_25a} (b={arg\_33c}) Assignment IF\_FALSE (b2={arg\_25a}) Assignment MagicVariable msg Goto Goto SENDER SENDER SelfDestruct SELFDESTRUCT RET [] IF\_JOIN MagicVariable msg SENDER SENDER (m=SENDER) Assignment BinaryOp  $((y2=\{arg\_461\}) == (y2=\{arg\_461\}))$ BinaryOp ((y={arg\_ec1}) == (y={arg\_ec1})) RET [((y2={arg\_461}) == (y2={arg\_461})), ((y={arg\_ec1}) == (y={arg\_ec1}))]