

A Pair of 10×10 Orthogonal Latin Squares

1	2	3	4	5	6	7	8	9	10
2	9	8	5	1	10	4	3	6	7
7	3	9	6	8	5	2	10	4	1
8	4	6	1	7	3	9	2	10	5
9	6	1	10	4	7	3	5	2	8
10	1	7	8	6	4	5	9	3	2
4	5	2	7	9	8	10	6	1	3
3	8	5	2	10	1	6	4	7	9
5	10	4	3	2	9	1	7	8	6
6	7	10	9	3	2	8	1	5	4

1	2	3	4	5	6	7	8	9	10
3	4	6	8	7	1	9	10	5	2
9	5	1	10	4	2	8	6	7	3
10	1	7	2	3	8	5	9	4	6
2	3	5	7	8	4	6	1	10	9
5	6	8	3	9	10	4	7	2	1
6	9	4	1	10	5	3	2	8	7
4	7	10	5	2	9	1	3	6	8
7	8	2	9	6	3	10	5	1	4
8	10	9	6	1	7	2	4	3	5

(1, 1)	(2, 2)	(3, 3)	(4, 4)	(5, 5)	(6, 6)	(7, 7)	(8, 8)	(9, 9)	(10, 10)
(2, 3)	(9, 4)	(8, 6)	(5, 8)	(1, 7)	(10, 1)	(4, 9)	(3, 10)	(6, 5)	(7, 2)
(7, 9)	(3, 5)	(9, 1)	(6, 10)	(8, 4)	(5, 2)	(2, 8)	(10, 6)	(4, 7)	(1, 3)
(8, 10)	(4, 1)	(6, 7)	(1, 2)	(7, 3)	(3, 8)	(9, 5)	(2, 9)	(10, 4)	(5, 6)
(9, 2)	(6, 3)	(1, 5)	(10, 7)	(4, 8)	(7, 4)	(3, 6)	(5, 1)	(2, 10)	(8, 9)
(10, 5)	(1, 6)	(7, 8)	(8, 3)	(6, 9)	(4, 10)	(5, 4)	(9, 7)	(3, 2)	(2, 1)
(4, 6)	(5, 9)	(2, 4)	(7, 1)	(9, 10)	(8, 5)	(10, 3)	(6, 2)	(1, 8)	(3, 7)
(3, 4)	(8, 7)	(5, 10)	(2, 5)	(10, 2)	(1, 9)	(6, 1)	(4, 3)	(7, 6)	(9, 8)
(5, 7)	(10, 8)	(4, 2)	(3, 9)	(2, 6)	(9, 3)	(1, 10)	(7, 5)	(8, 1)	(6, 4)
(6, 8)	(7, 10)	(10, 9)	(9, 6)	(3, 1)	(2, 7)	(8, 2)	(1, 4)	(5, 3)	(4, 5)

Found using github.com/scheinerman/LatinSquares.jl