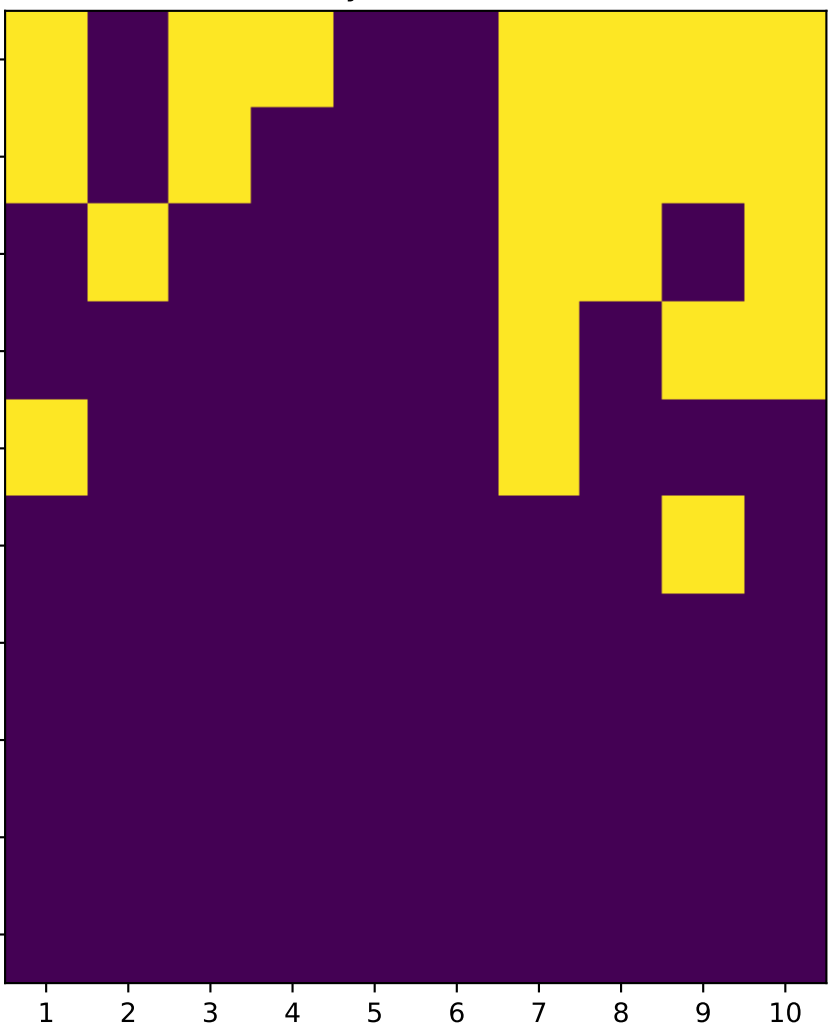


The figure displays a 10x10 grid representing the XOR problem. The x and y axes are both labeled from 1 to 10. The grid is predominantly yellow, with several purple squares indicating the output of a single-layer perceptron. The purple squares are located at (1,2), (2,1), (2,3), (3,2), (4,1), (4,2), (4,3), (4,4), (5,1), (5,2), (5,3), (5,4), (5,5), (6,1), (6,2), (6,3), (6,4), (6,5), (6,6), (6,7), (6,8), (6,9), (6,10), (7,1), (7,2), (7,3), (7,4), (7,5), (7,6), (7,7), (7,8), (7,9), (7,10), (8,1), (8,2), (8,3), (8,4), (8,5), (8,6), (8,7), (8,8), (8,9), (8,10), (9,1), (9,2), (9,3), (9,4), (9,5), (9,6), (9,7), (9,8), (9,9), (9,10), (10,1), (10,2), (10,3), (10,4), (10,5), (10,6), (10,7), (10,8), (10,9), (10,10). This pattern of purple squares represents the XOR function, which cannot be solved by a single-layer perceptron.



Age Group	Player Total
1	20
2	18
3	18
4	20
5	17
6	20
7	15
8	17
9	18

