Module 1.1

We have a 2D data sets with the following training points and labels, x and y.

x_1	x_2	y
0	0	1
1	0	0
0	1	0
1	1	0

You have a linear model

$$m\left(x; w_1, w_2, b\right) = x_1 \cdot w_1 + x_2 \cdot w_2 + b$$

Which parameter setting will correctly separate the training points by their labels? i.e greater than zero only for y = 1.

1   1 point

Models with $m(x; w_1, w_2, b)$

- ○ m(x ; 1, 1, -0.5)
- ○ m(x ; -1, 1, 0.5)
- ○ m(x ; -1, -1, -0.5)
- ○ m(x ; -1, -1, 0.5)