

### 2.1.8: Summary

1. Data: All boolean inputs ☹
2. Task: Binary classification (boolean output) ☹
3. Model: Linear decision boundary, all +ve points lie above the line and -ve points are below (minimum flexibility) ☹
4. cost/loss: mean squared error
5. Learning: brute force approach to learn best parameter  $b$  ☹
6. Evaluation: Accuracy