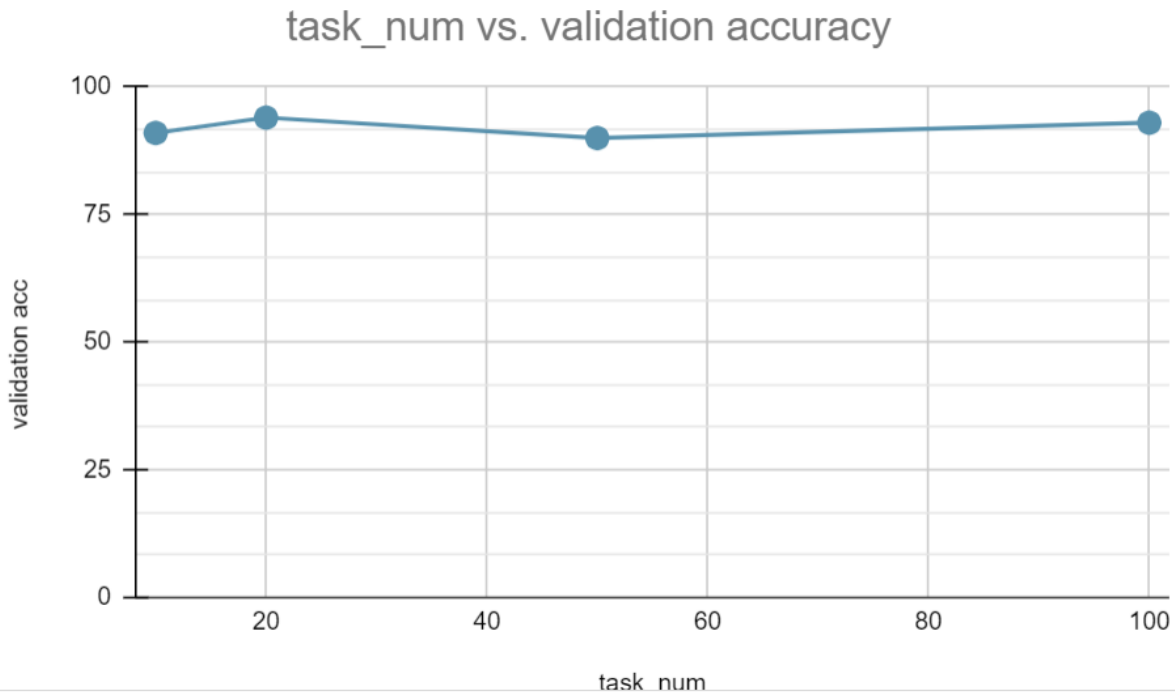


# ML HW\_15 Report r10942152游家權

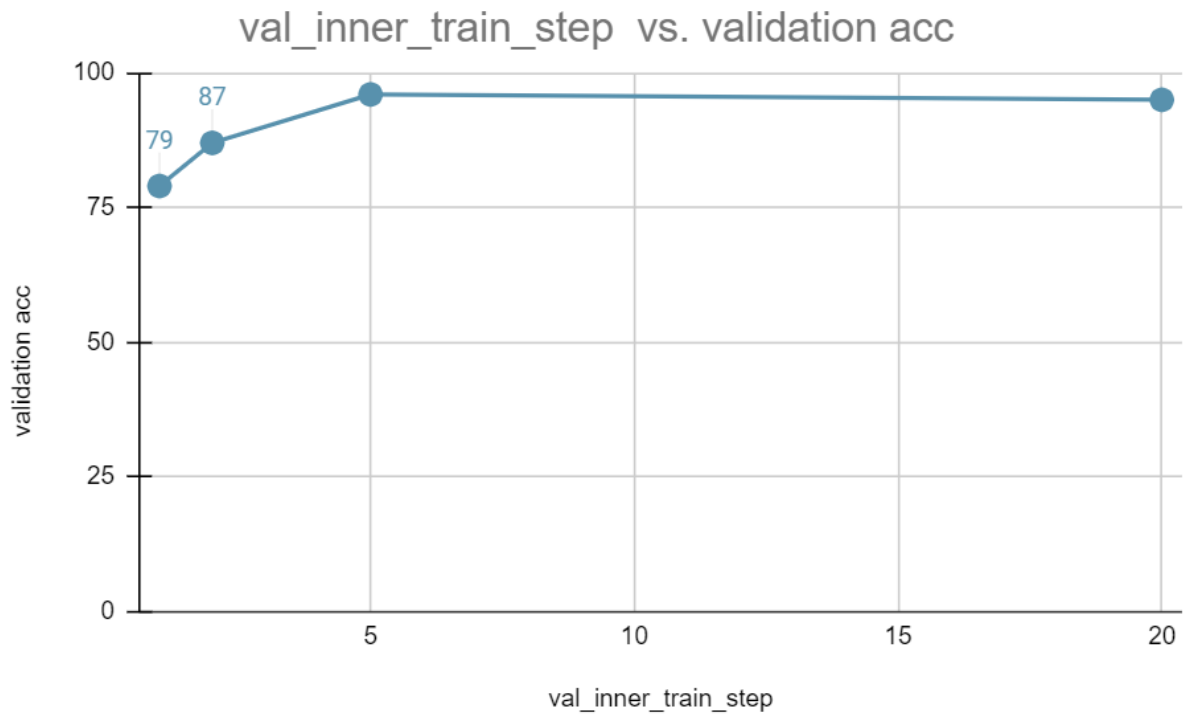
1. According to your best meta-learning result, plot the relation between dev accuracy and the number of tasks. Include at least three different experiments in the figure.



2. A one sentence description of what you observe from the above figure.

Ans: validation accuracy slightly rises when increasing the number of tasks; however, the improvement is saturated after 20 tasks.

3. According to your best meta-learning result, plot the relation between dev accuracy and the inner update step at inference. Include at least three different experiments in the figure.



**4. A one sentence description of what you observe from the above figure.**

Ans: With more inner training steps during inference, validation accuracy improves, because the network optimizes more steps when learning tasks.