img $\longrightarrow$ CNN $\longrightarrow$ $\left\{\begin{array}{l}\text{angry}\\ \text{disgust}\\ \text{sad}\\ \text{fear}\end{array}\right\} \longrightarrow \;-$

neutral $\longrightarrow$ 0

$\left.\begin{array}{l}\text{surprise}\\ \text{happy}\end{array}\right\} \longrightarrow \;+$

Flow Model

high
advantage
Flow
8 status
low
skill
high

Questionnaire $\longrightarrow \left\{\begin{array}{l}\text{autelic}\\ \\ \text{non-autelic}\end{array}\right.$
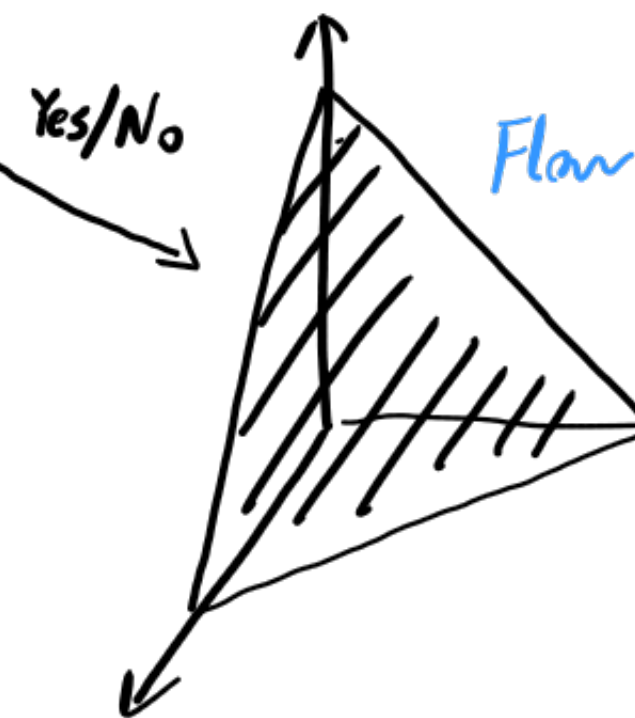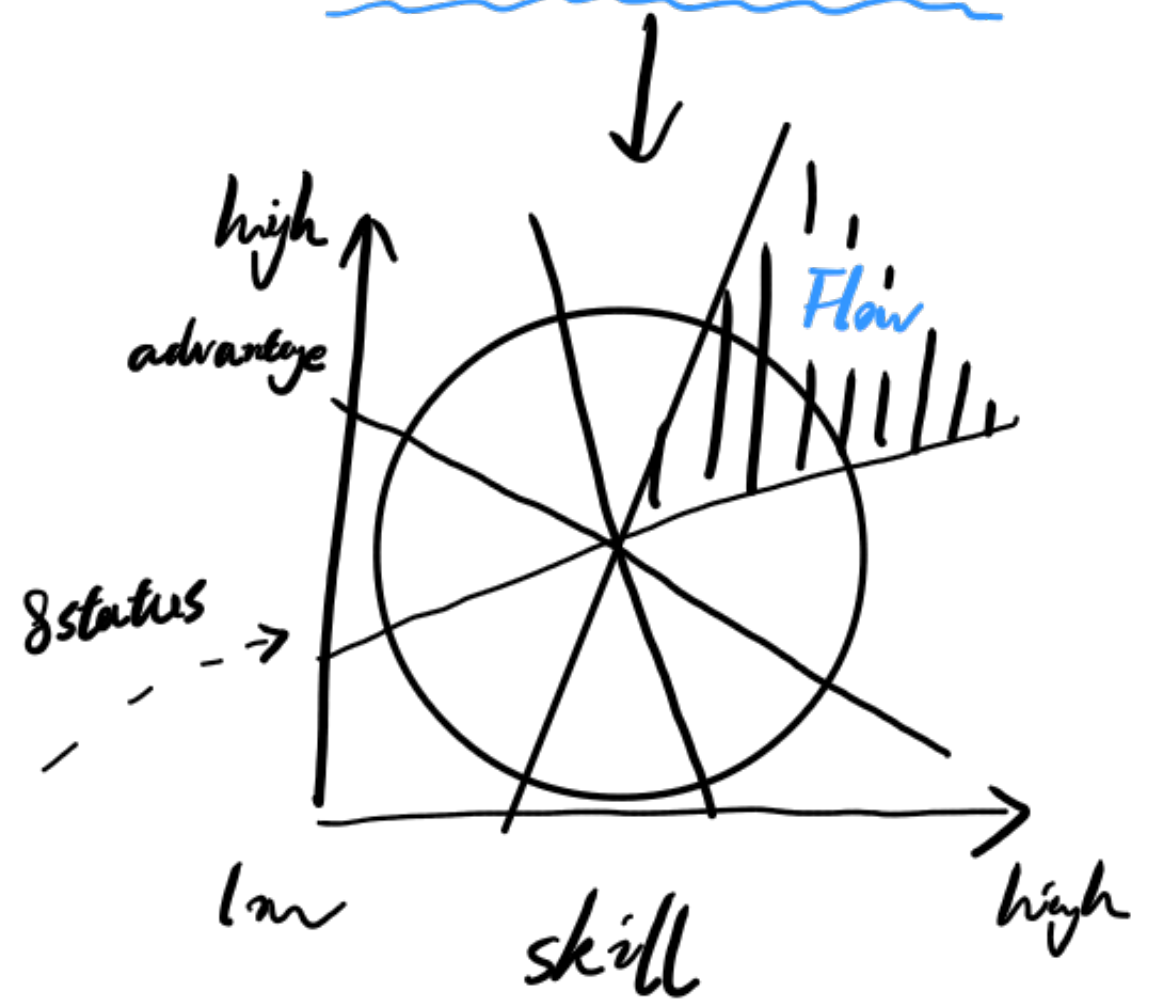
SVM

Yes/No

Flow

screen & time $\longrightarrow$ PT $\left\{\begin{array}{l}\text{over 25} \quad +\\ \\ \text{below 25} \quad -\end{array}\right.$

attention
$\downarrow$
Flowstate $\qquad$ (forget the flow of time)

function

(encourage users to continue)

in flow state

result →

{
(guide the user back)

out of flow state

→ {
? ?