$$h \propto \frac{1}{K}$$

$h \uparrow \ K \downarrow \rightarrow$ Slow Eat

$h \downarrow \ K \uparrow \rightarrow$ fast Eat

$$h \in [\text{len(files)}, \text{sum(files)}]$$

$$K \in [\text{max(files)}, \quad 1 \quad]$$