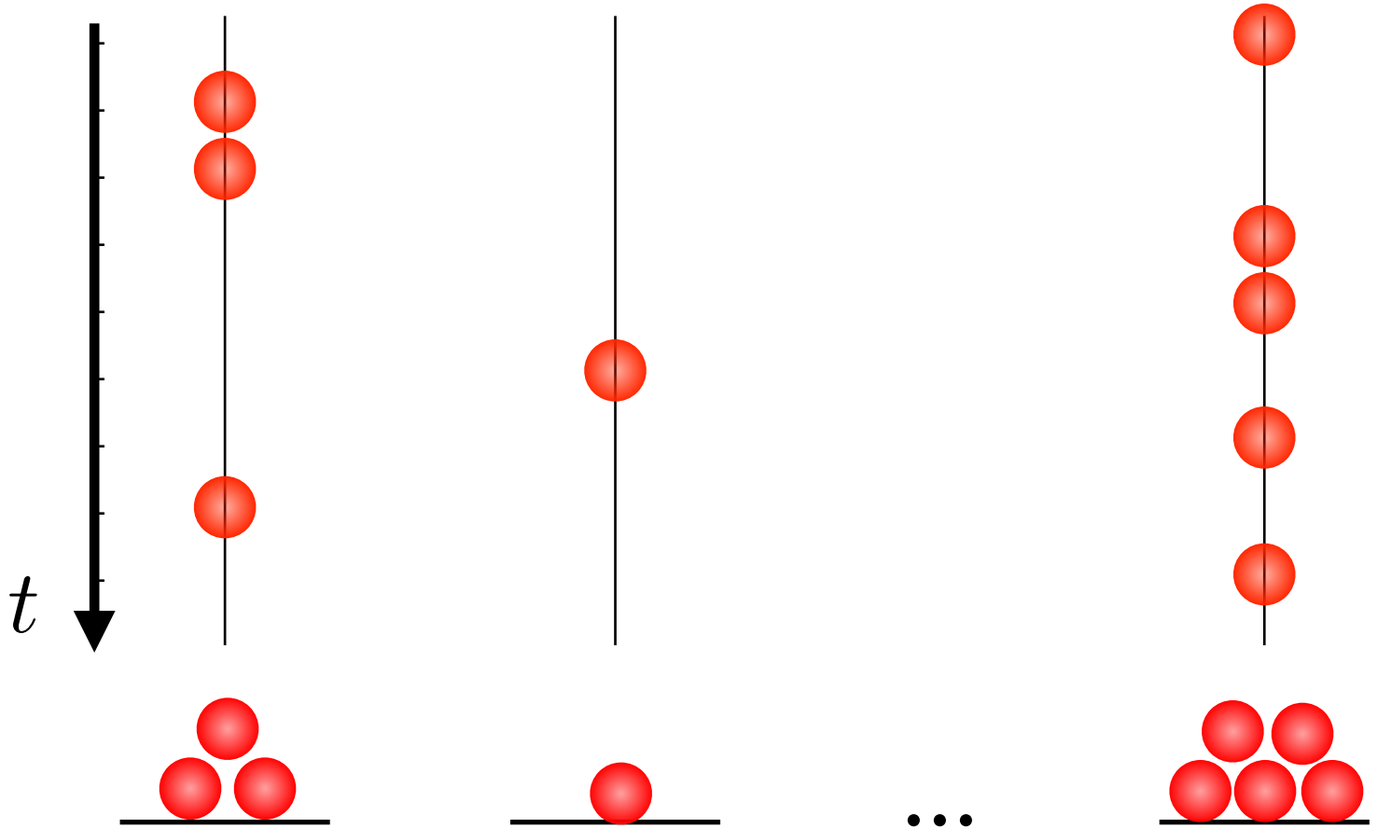

s_1 s_2 ... s_K

n_1 n_2 ... n_K $\sum_{i=1}^{K} n_i = N$

$\mathcal{O}_\alpha(s_1)$ $\mathcal{O}_\alpha(s_2)$ ... $\mathcal{O}_\alpha(s_K)$ $\frac{1}{N}\sum_{i=1}^{K} n_i \mathcal{O}_\alpha(s_i) = \langle \mathcal{O}_\alpha(s) \rangle_r$