

# First component of CPPOP

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就让我来次透彻心扉的痛  
都拿走让我再次两手空空  
只有奄奄一息过  
那个真正的我  
他才能够诞生

# The solution is trivial.

- We have “standardised features” within every patient to build models

**Log-ratio**  
Take the differences between  
 $\log(\text{gene A})$  and  $\log(\text{gene B})$

