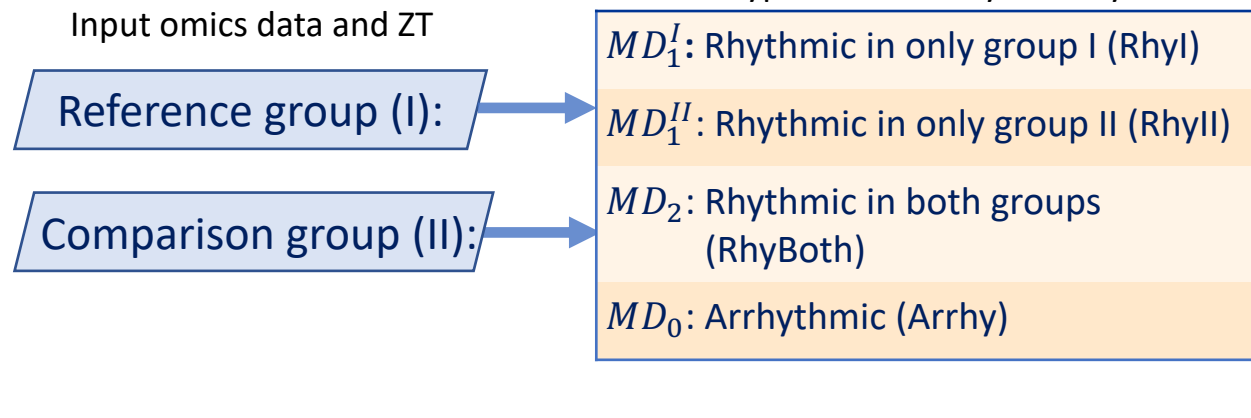


## (a): Model selection

Types of Joint Rhythmicity



## (b): Differential Rhythmicity (DR) Tests

1. DR fitness  $\rightarrow \Delta R^2$  genes  
(loss/gain of rhythm fitness)

2. DR parameter

Two-stage test

$(A, \phi)$

or

$(A, \phi, M)$

Individual output

$\Delta A$  genes

$\Delta \phi$  genes

$\Delta M$  genes