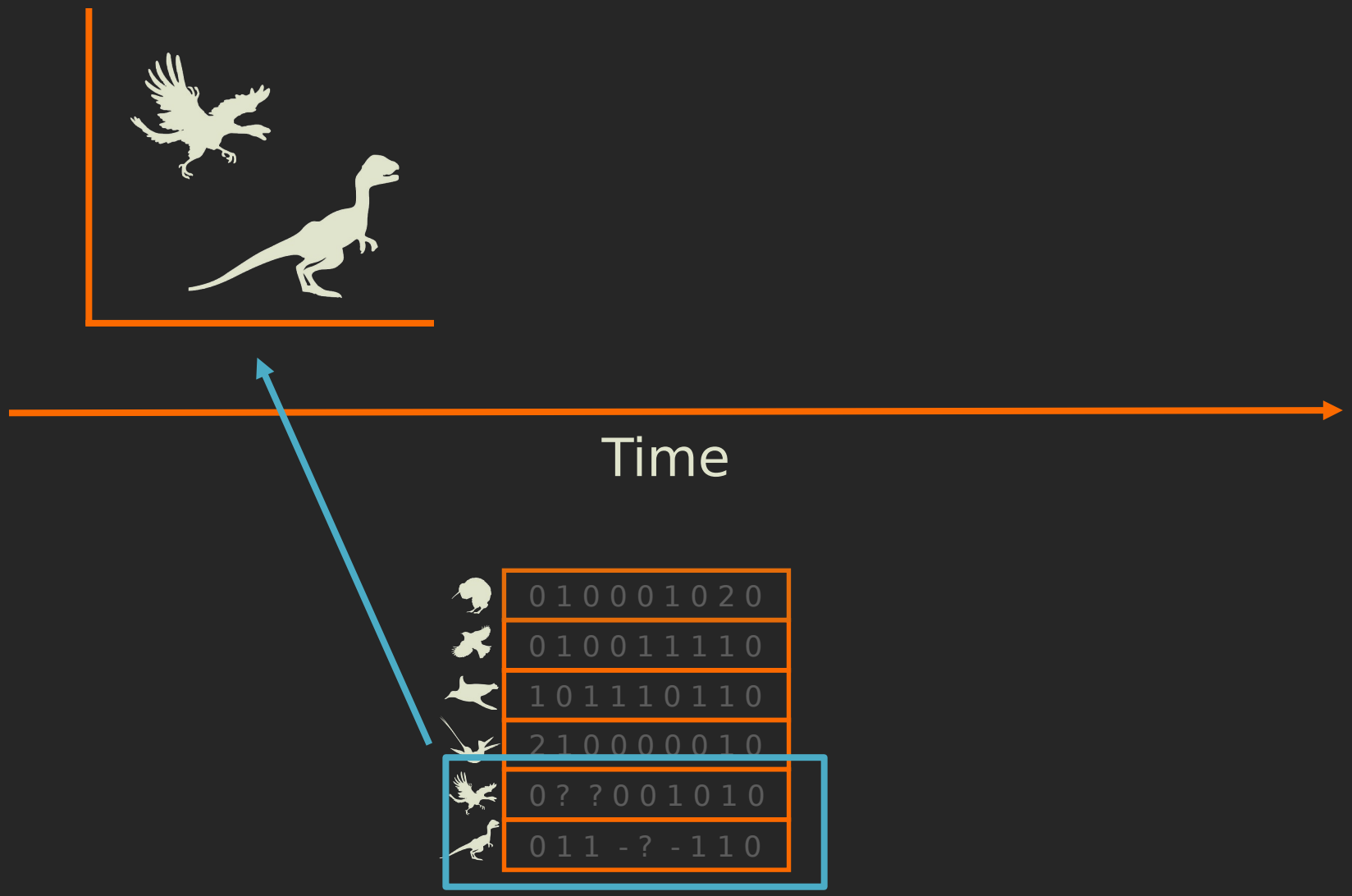
Measuring disparity through time

Time
0 1 0 0 0 1 0 2 0
0 1 0 0 1 1 1 1 0
1 0 1 1 1 0 1 1 0
2 1 0 0 0 0 0 1 0
0 ? ? 0 0 1 0 1 0
0 1 1 - ? - 1 1 0


Time
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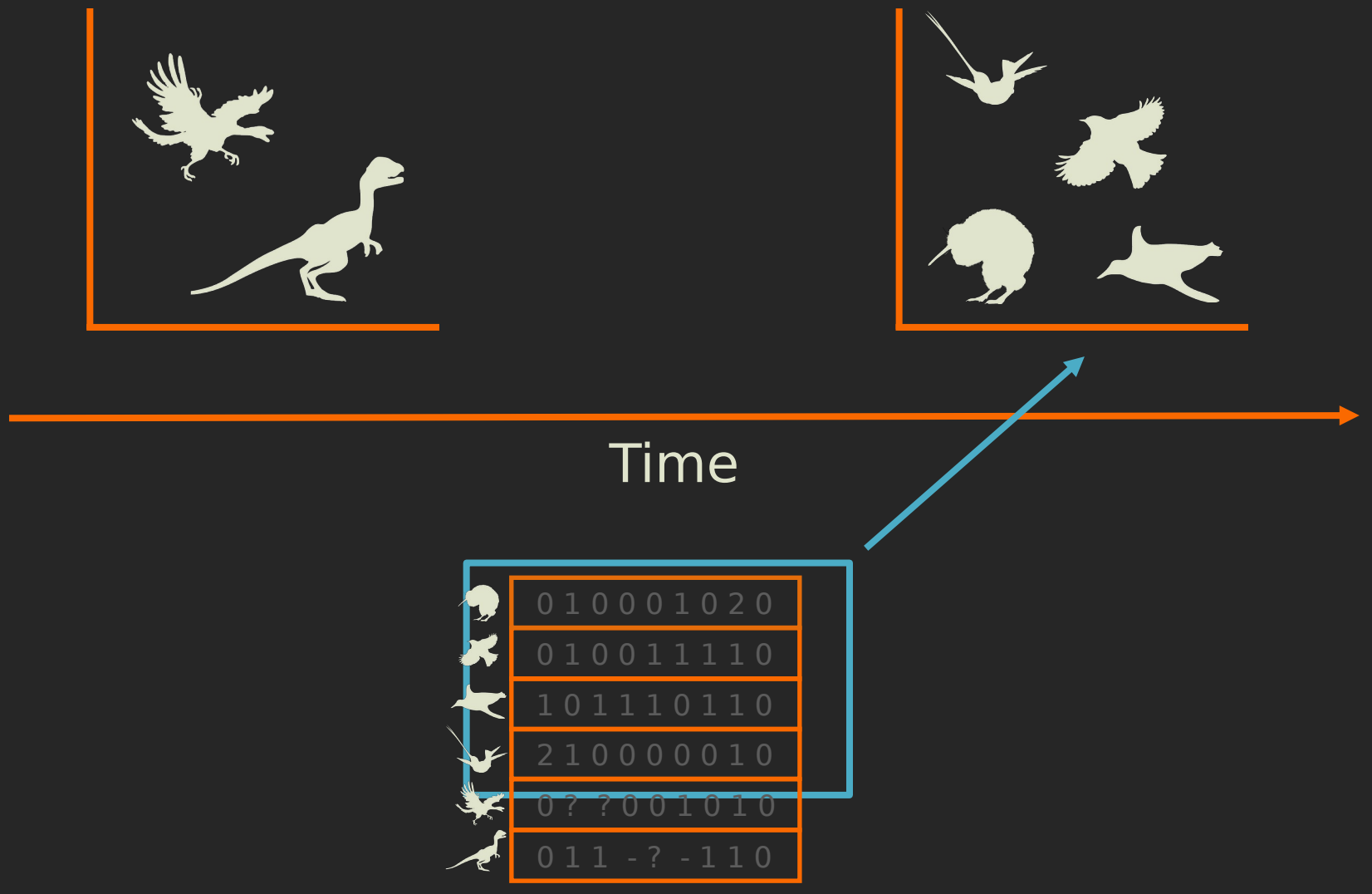
0 1 0 0 1 1 1 1 0
1 0 1 1 1 0 1 1 0
2 1 0 0 0 0 0 1 0
0 ? ? 0 0 1 0 1 0
0 1 1 - ? - 1 1 0


Time
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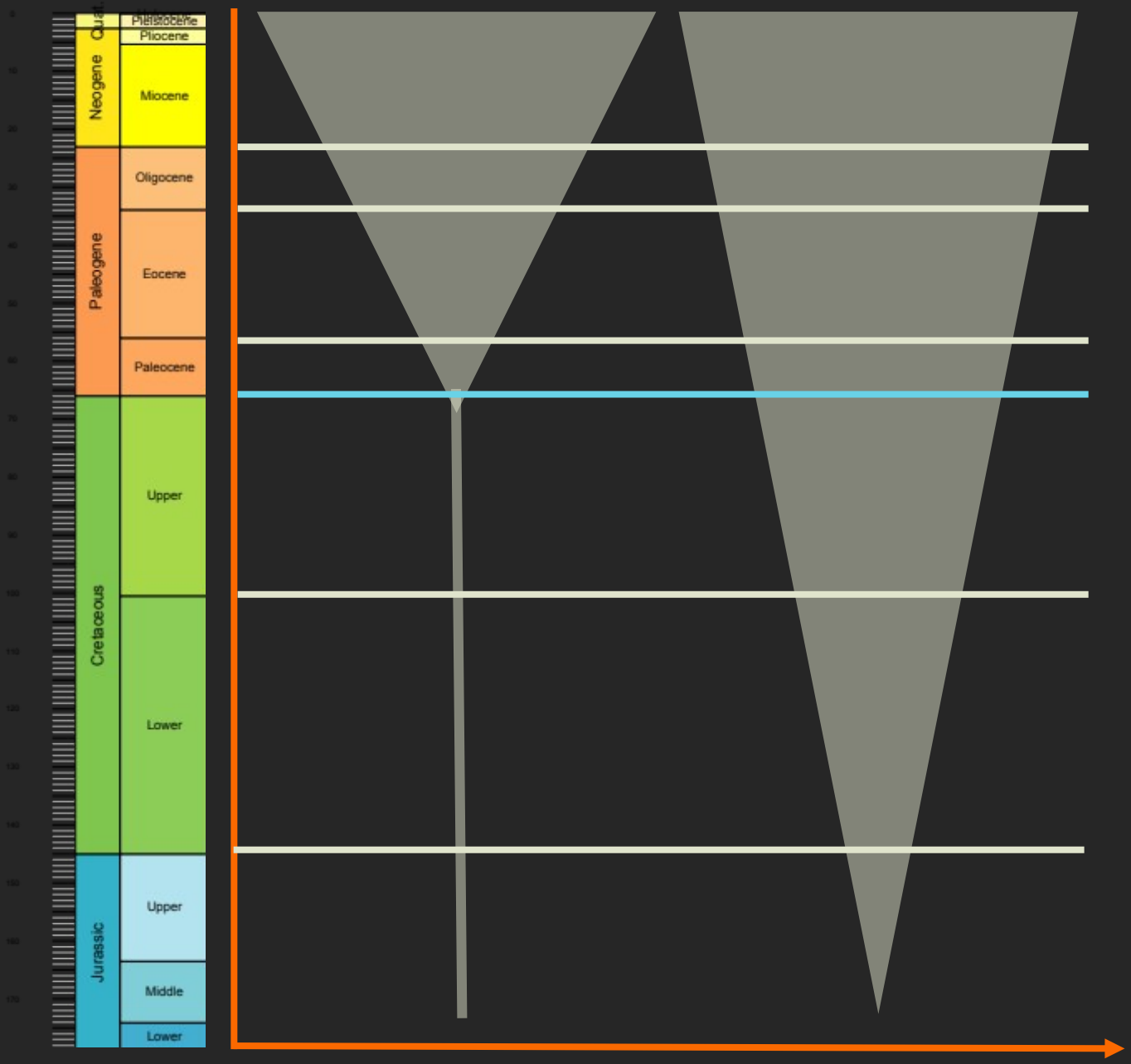
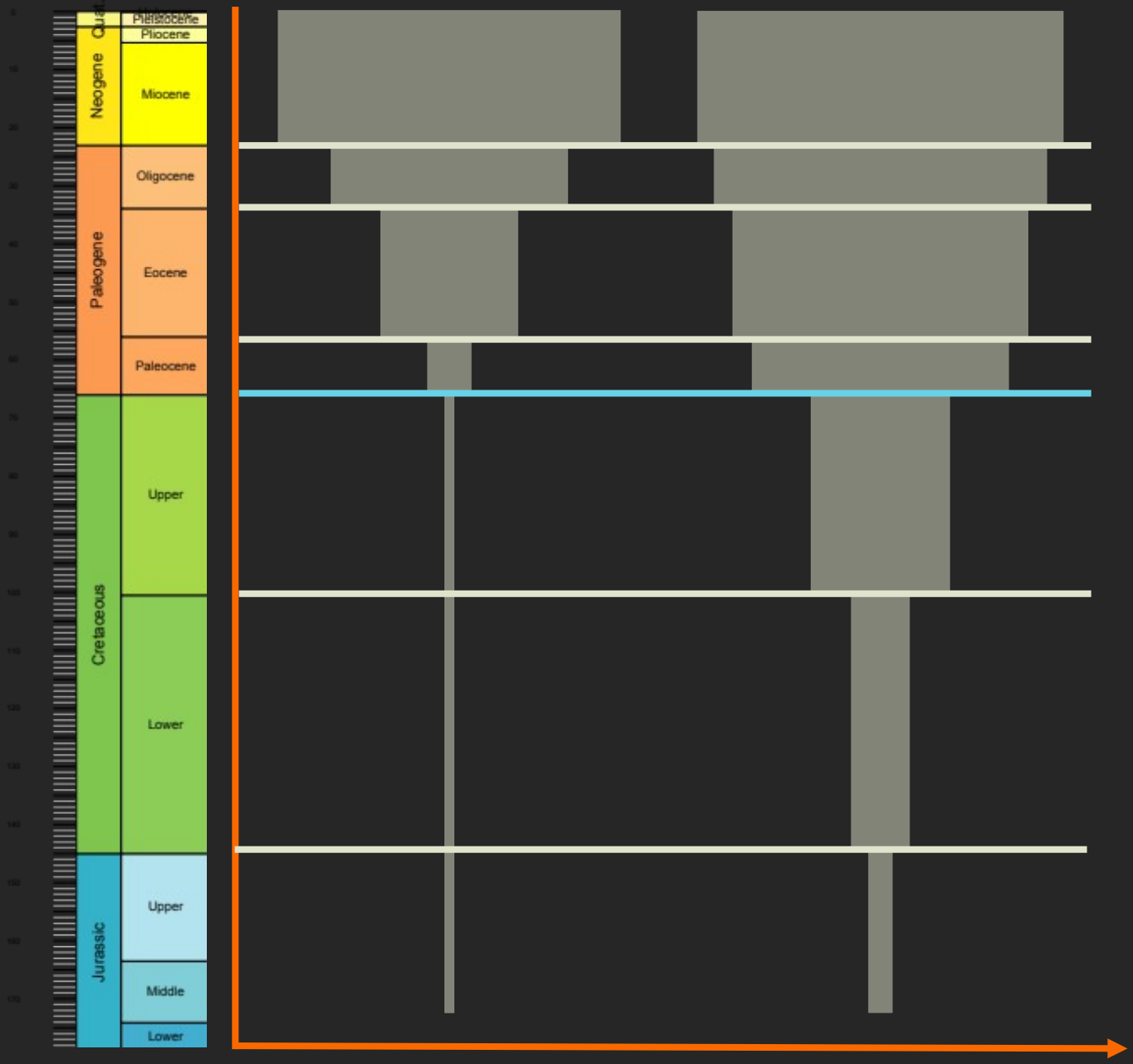
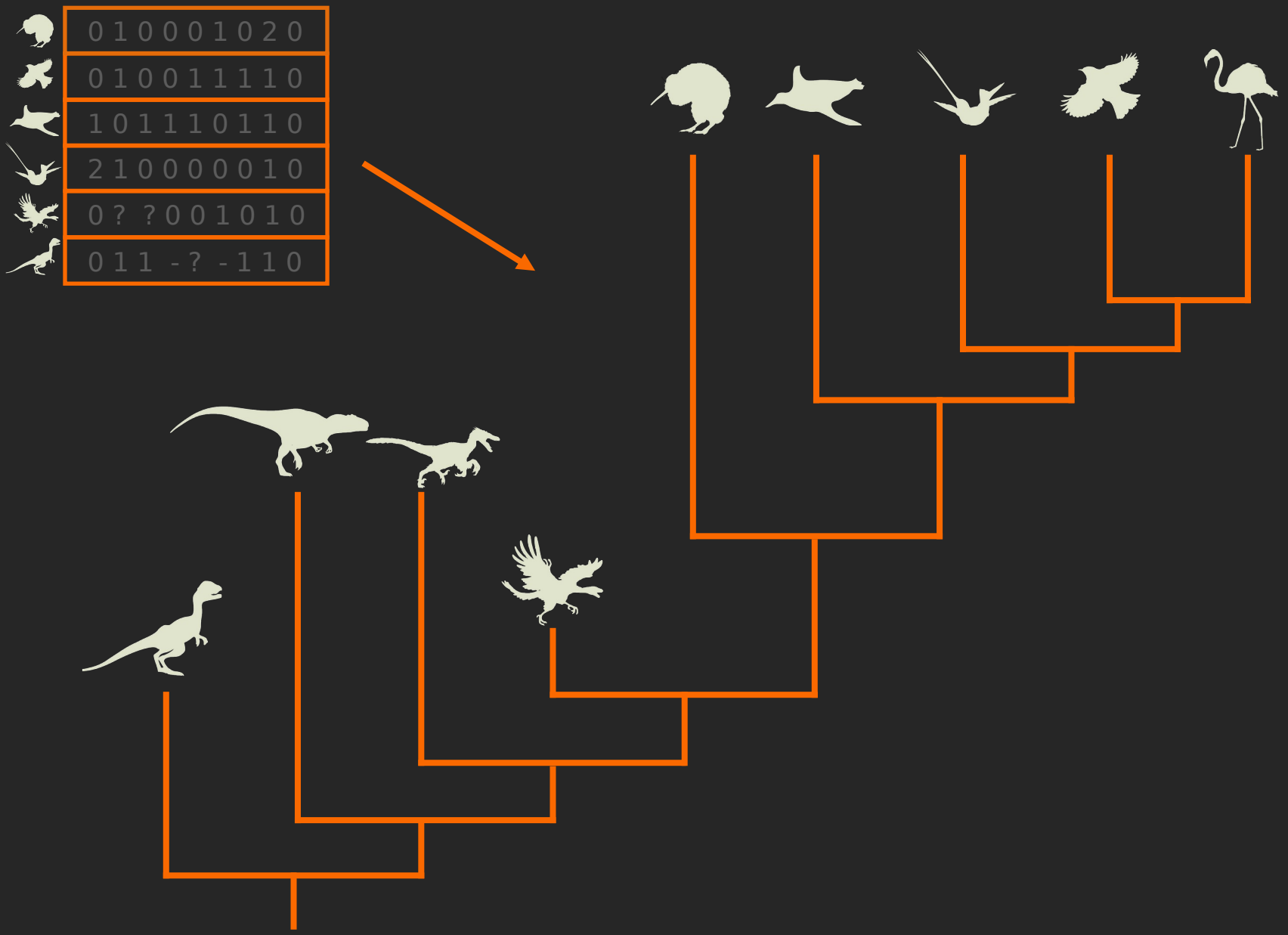
2 1 0 0 0 0 0 1 0
0 ? ? 0 0 1 0 1 0
0 1 1 - ? - 1 1 0


Quat.
Pleistocene
Pliocene
Neogene
Miocene
Oligocene
Paleogene
Eocene
Paleocene
Upper
Cretaceous
Lower
Upper
Jurassic
Middle
Lower


Quat.
Pleistocene
Pliocene
Neogene
Miocene
Oligocene
Paleogene
Eocene
Paleocene
Upper
Cretaceous
Lower
Upper
Jurassic
Middle
Lower

Time slicing?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0 ? ? 0 0 1 0 1 0
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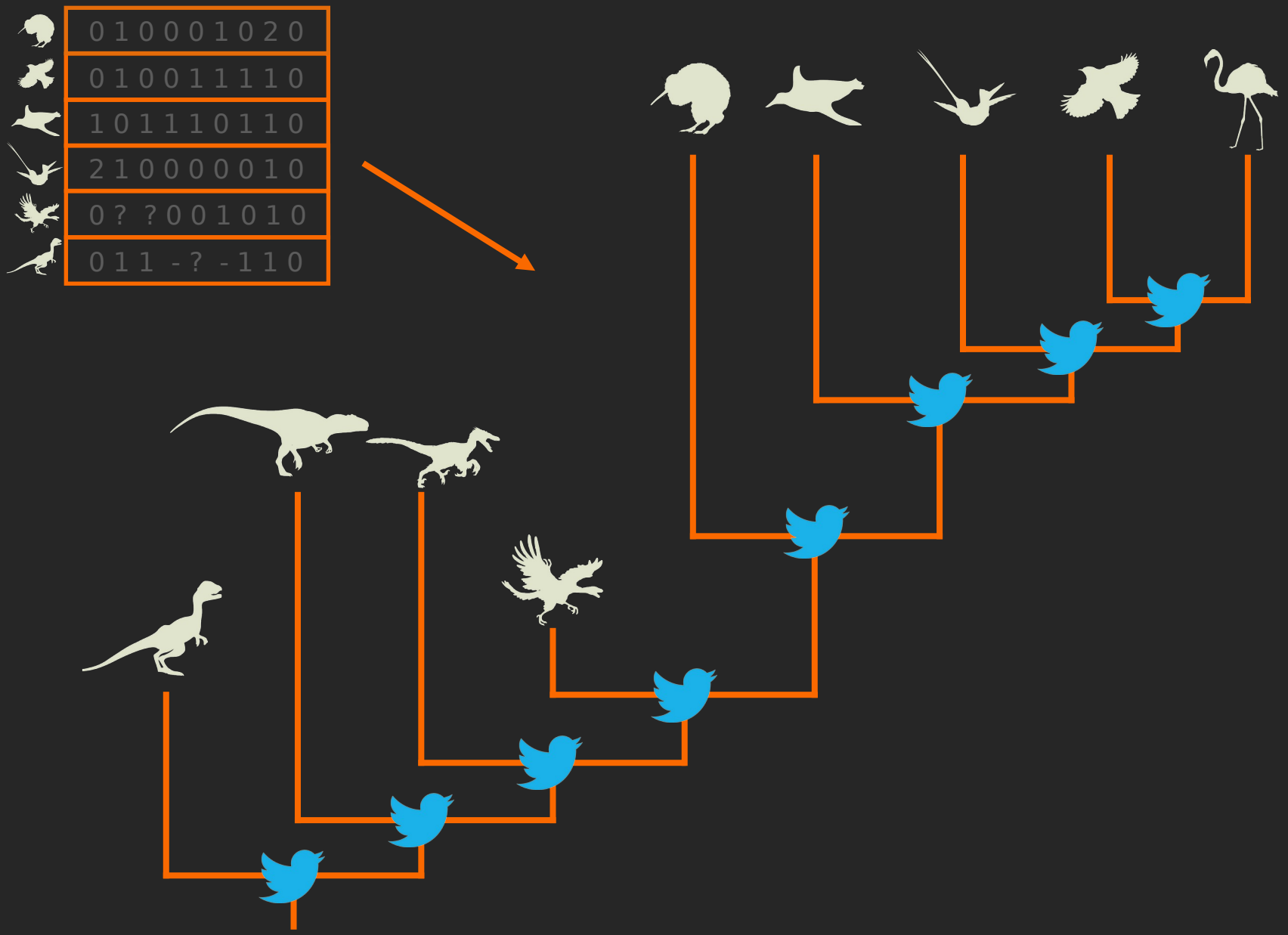
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0 ? ? 0 0 1 0 1 0
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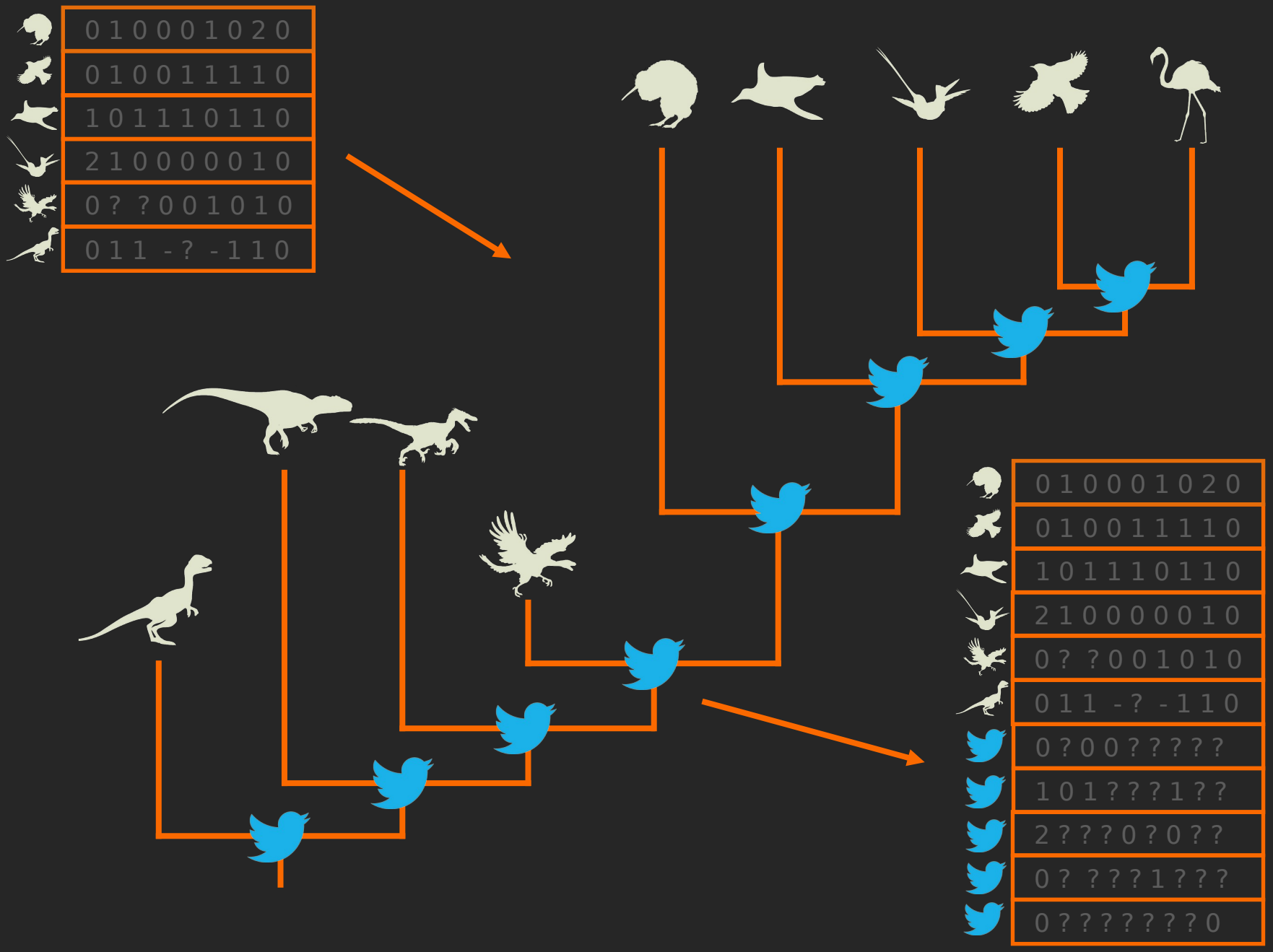
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2 1 0 0 0 0 0 1 0
0? ?0 0 1 0 1 0
0 1 1 -? -1 1 0
0 1 0 0 0 1 0 2 0
0 1 0 0 1 1 1 1 0
1 0 1 1 1 0 1 1 0
2 1 0 0 0 0 0 1 0
0? ?0 0 1 0 1 0
0 1 1 -? -1 1 0
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1 0 1???1??
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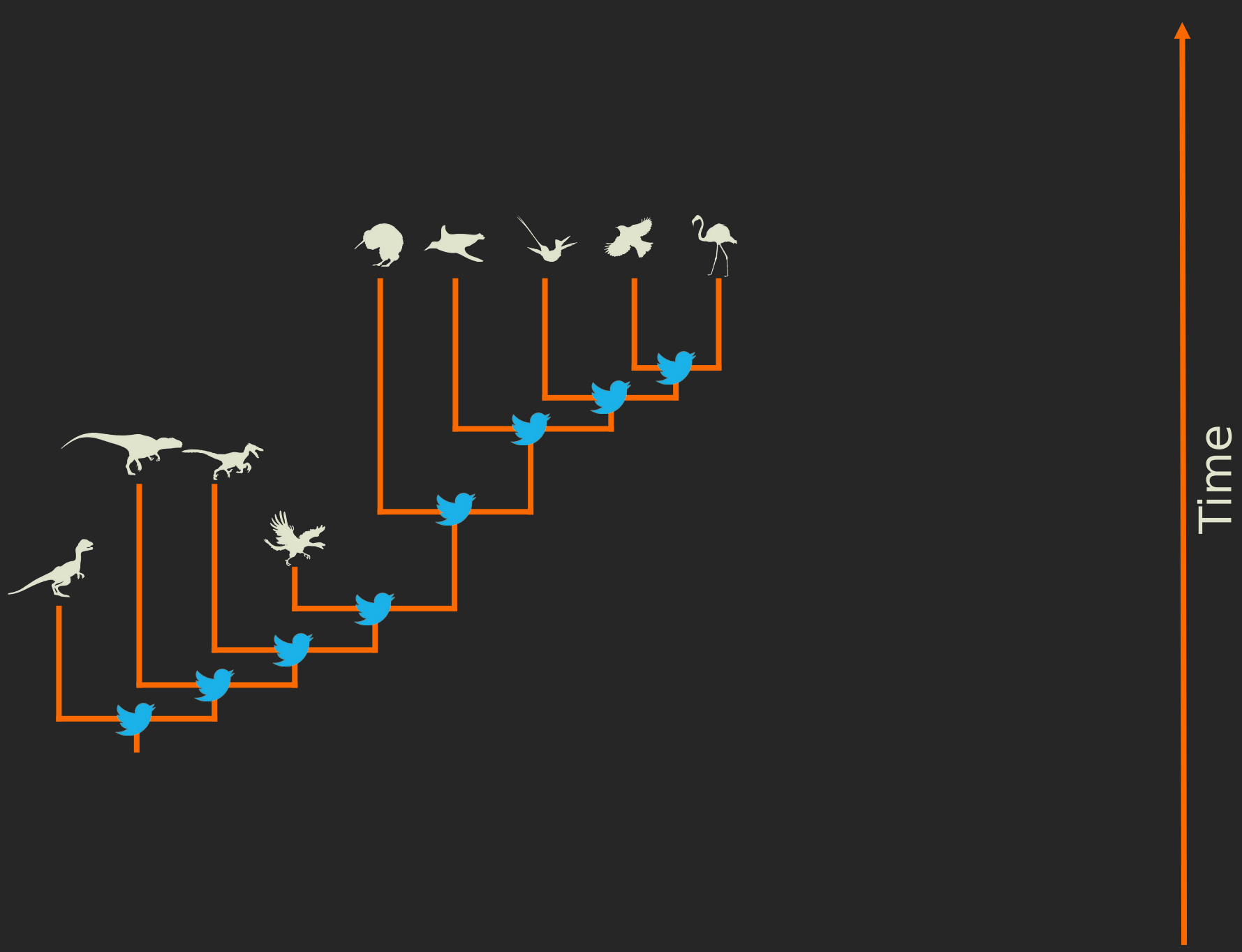
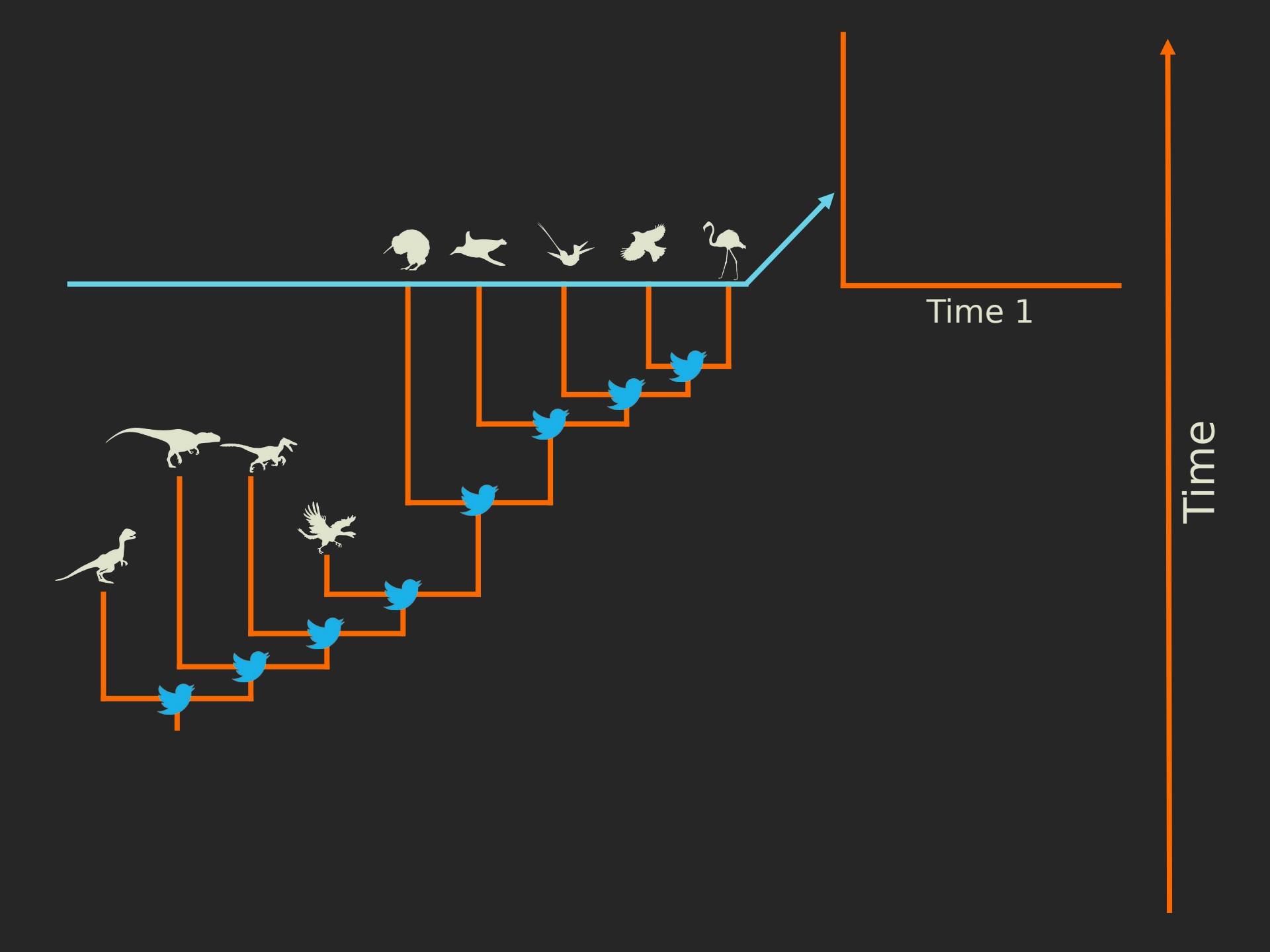
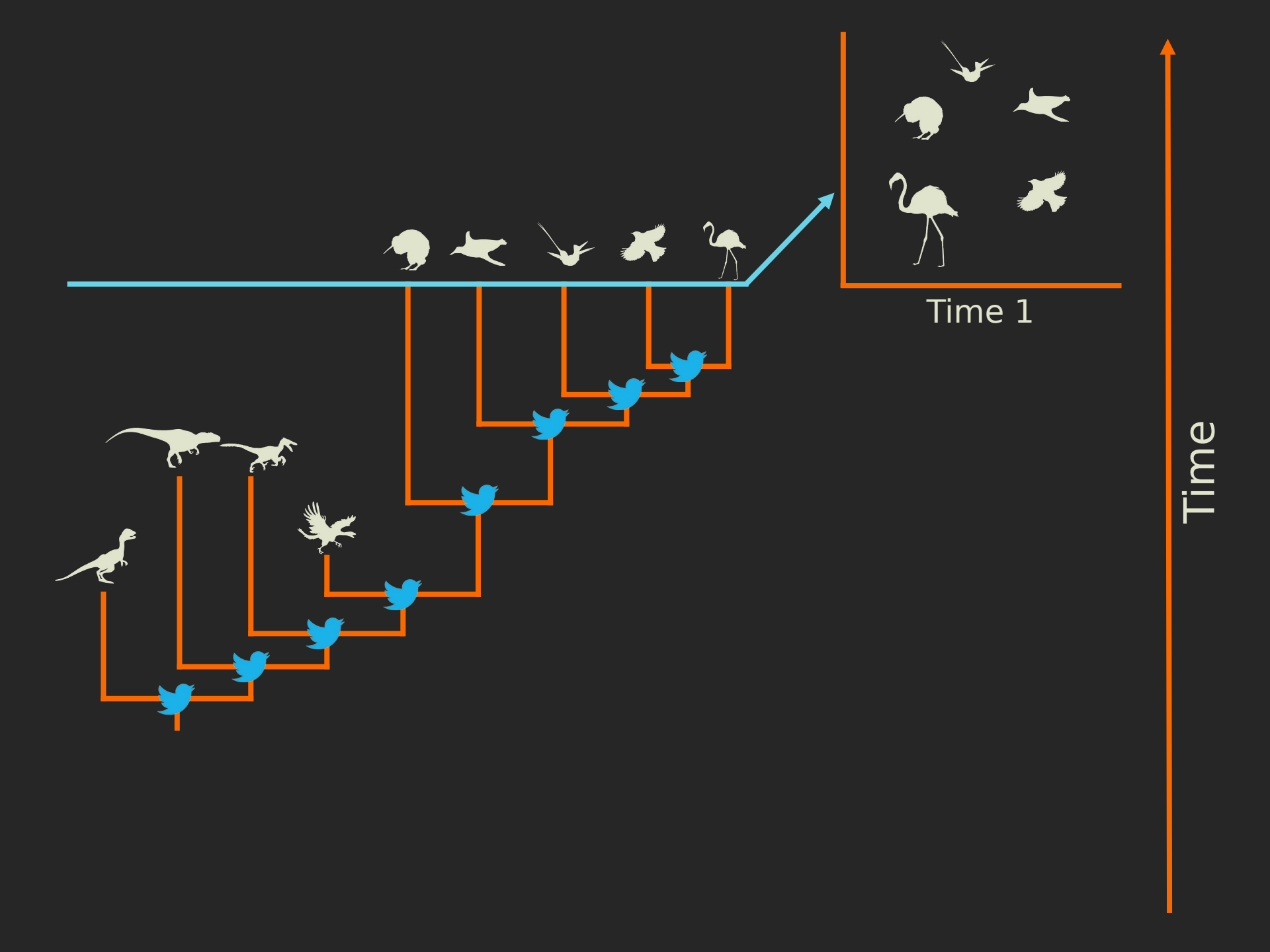
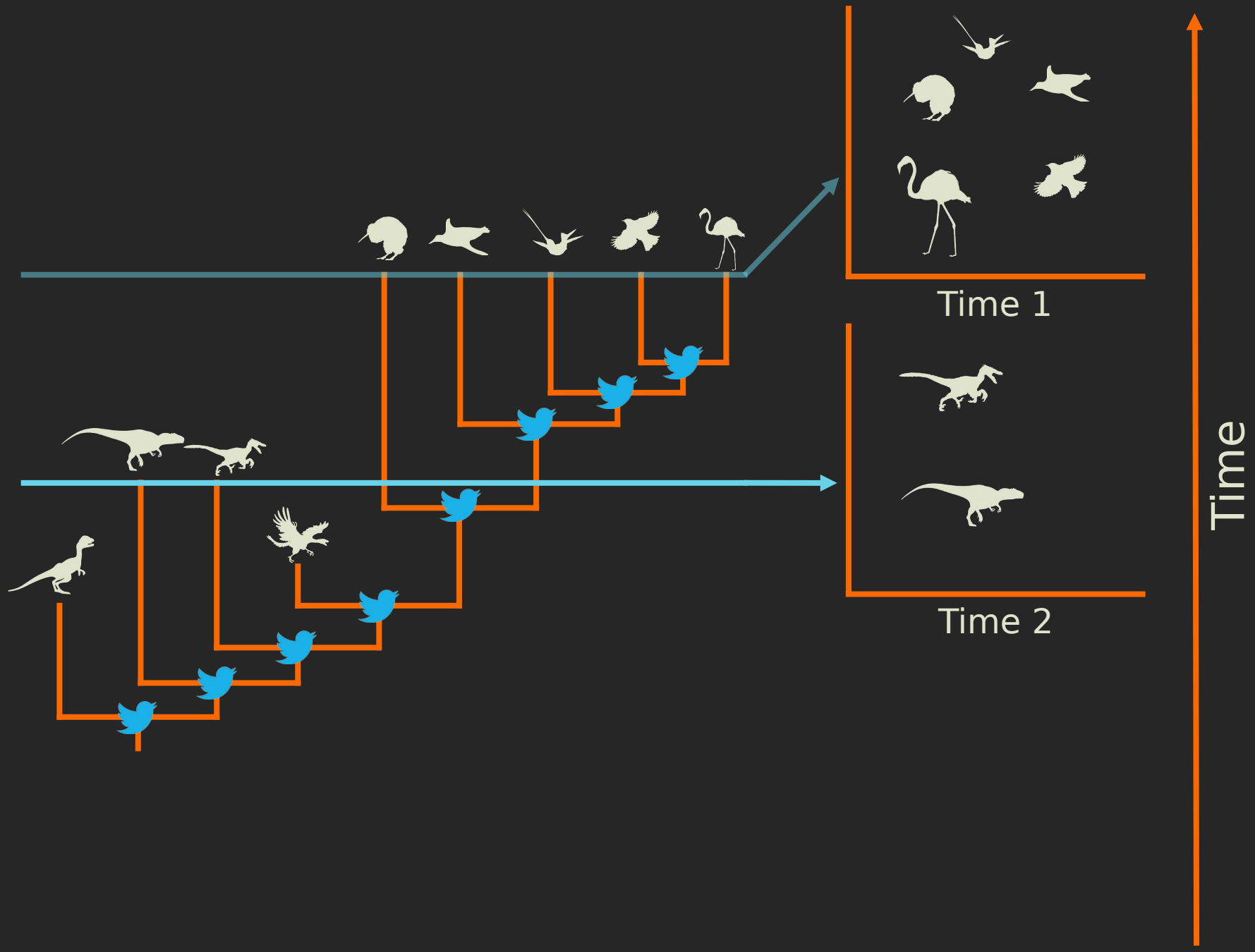
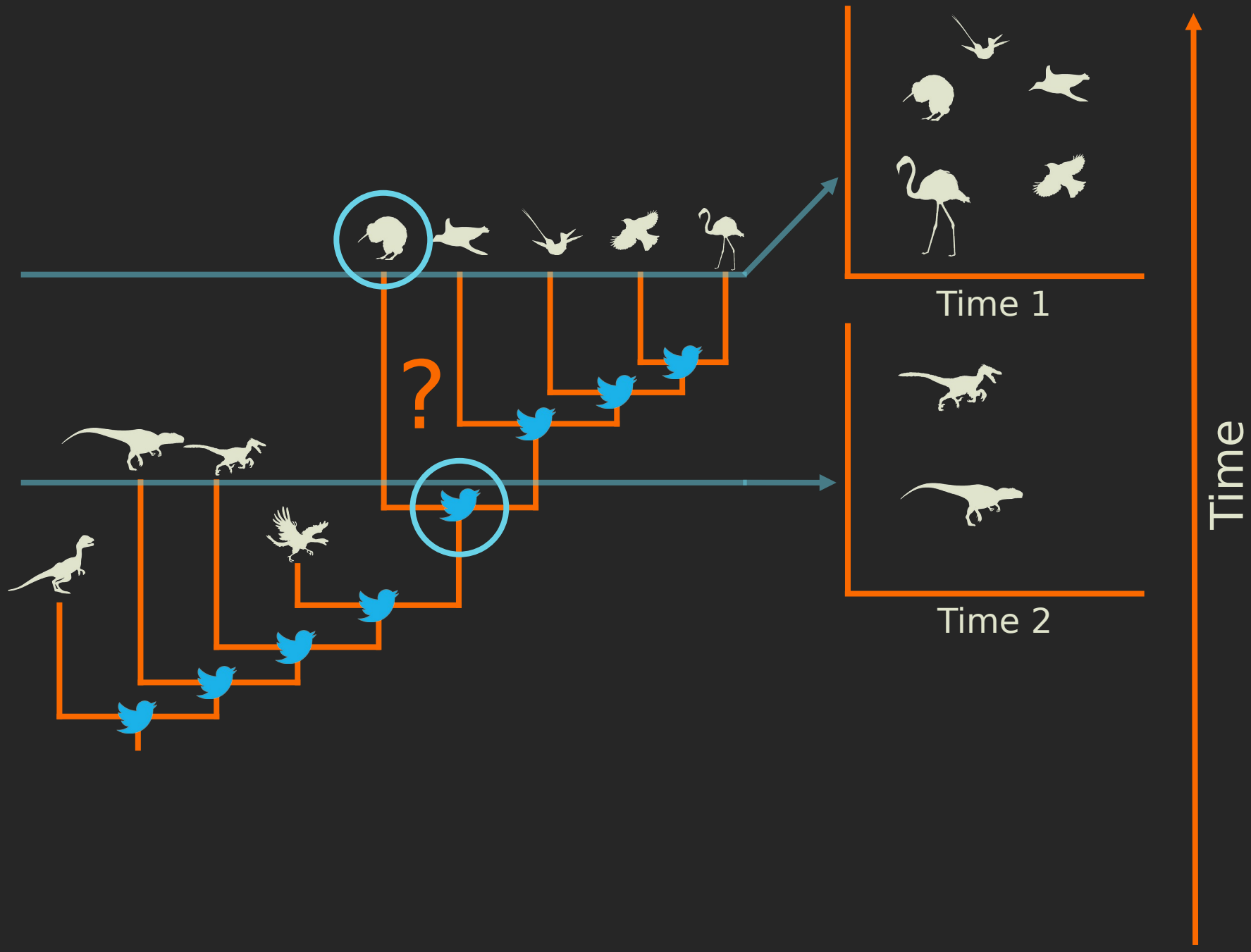
0? ???1???
0????????

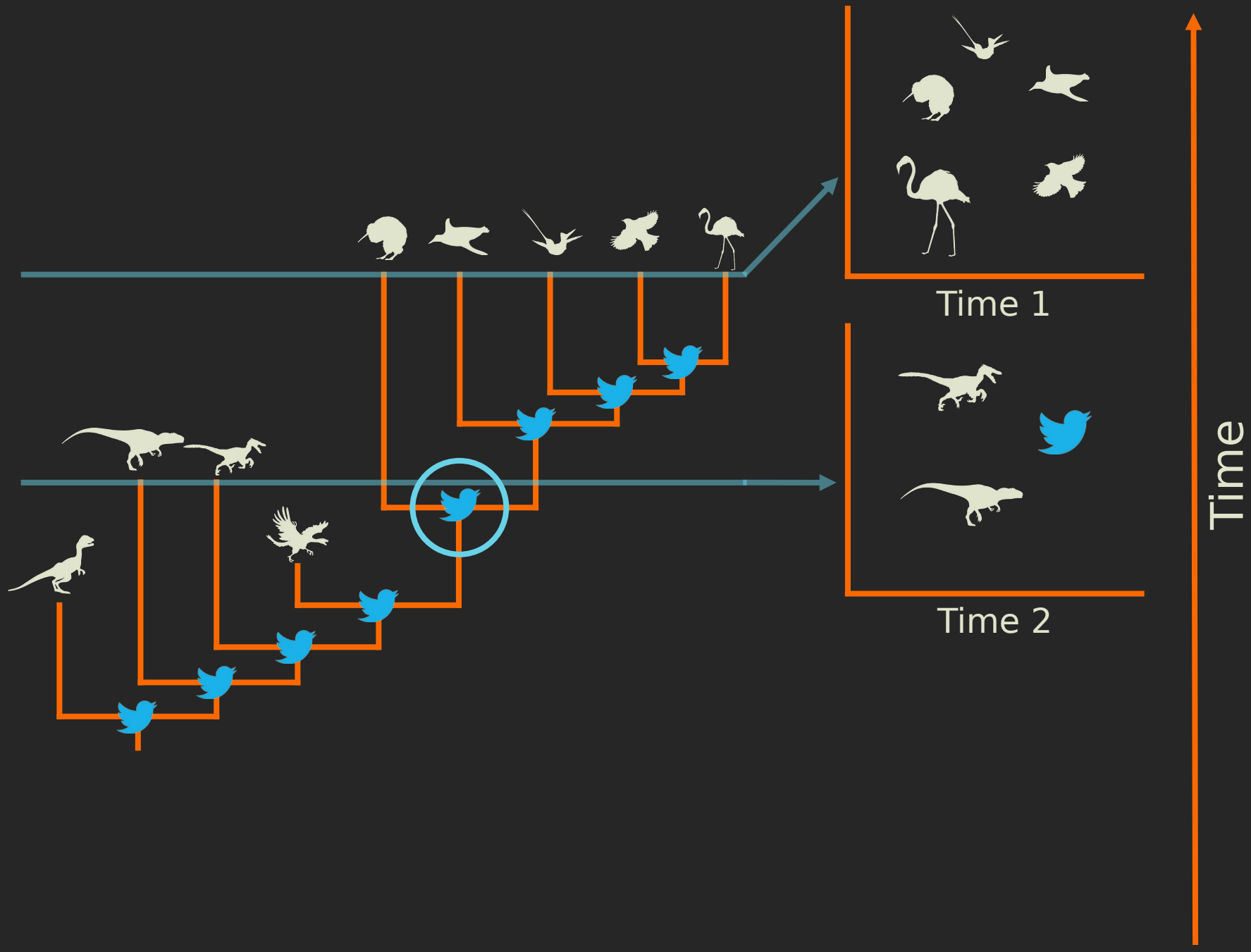

Time

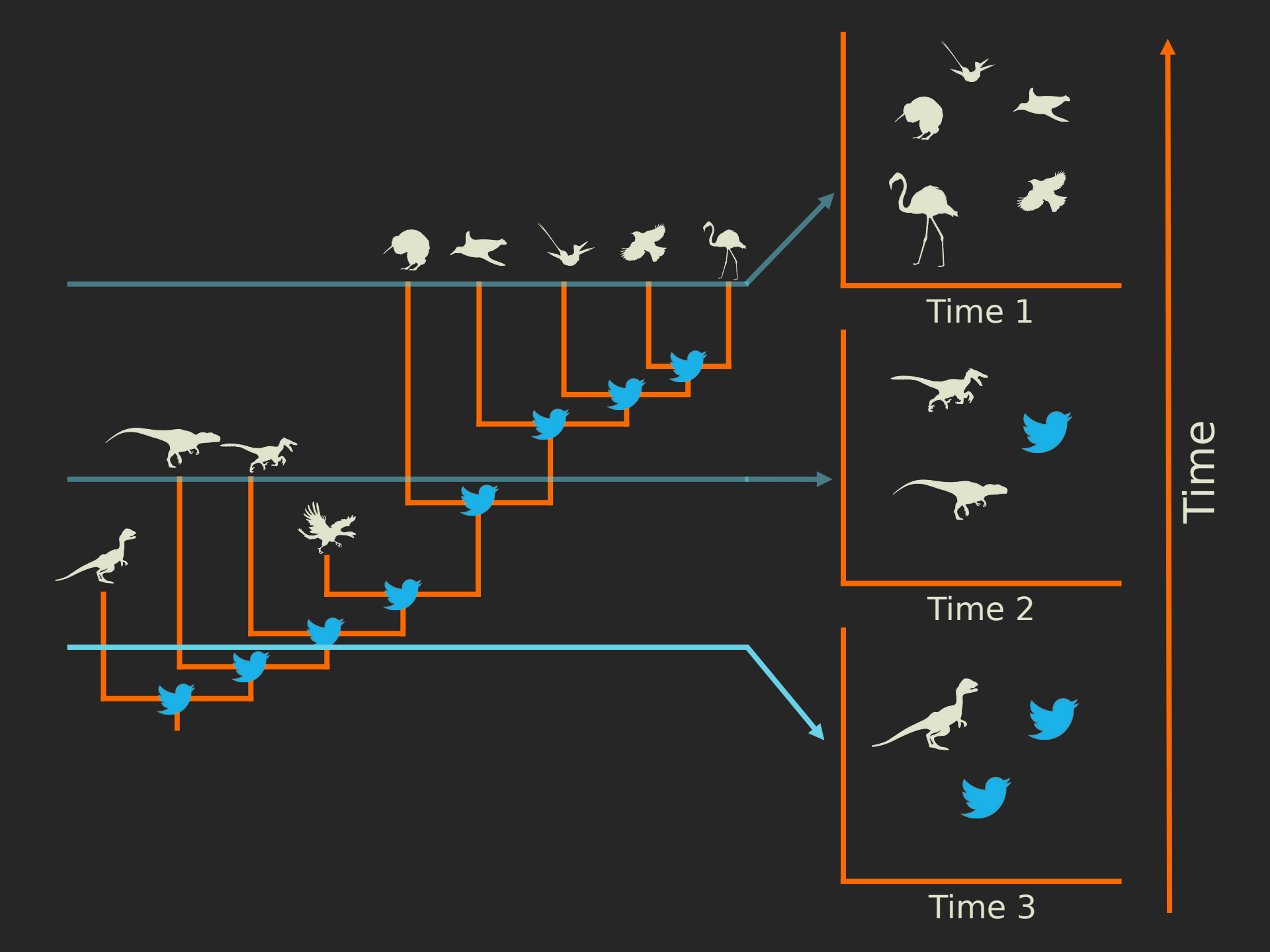

Time 1
Time

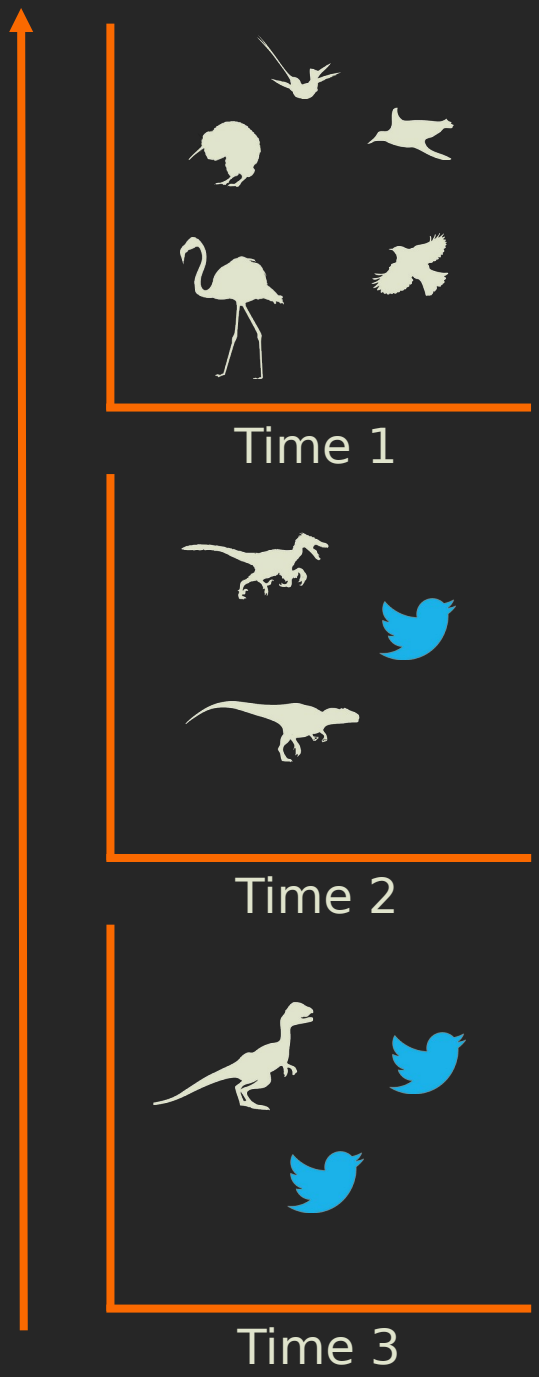

Time 1
Time

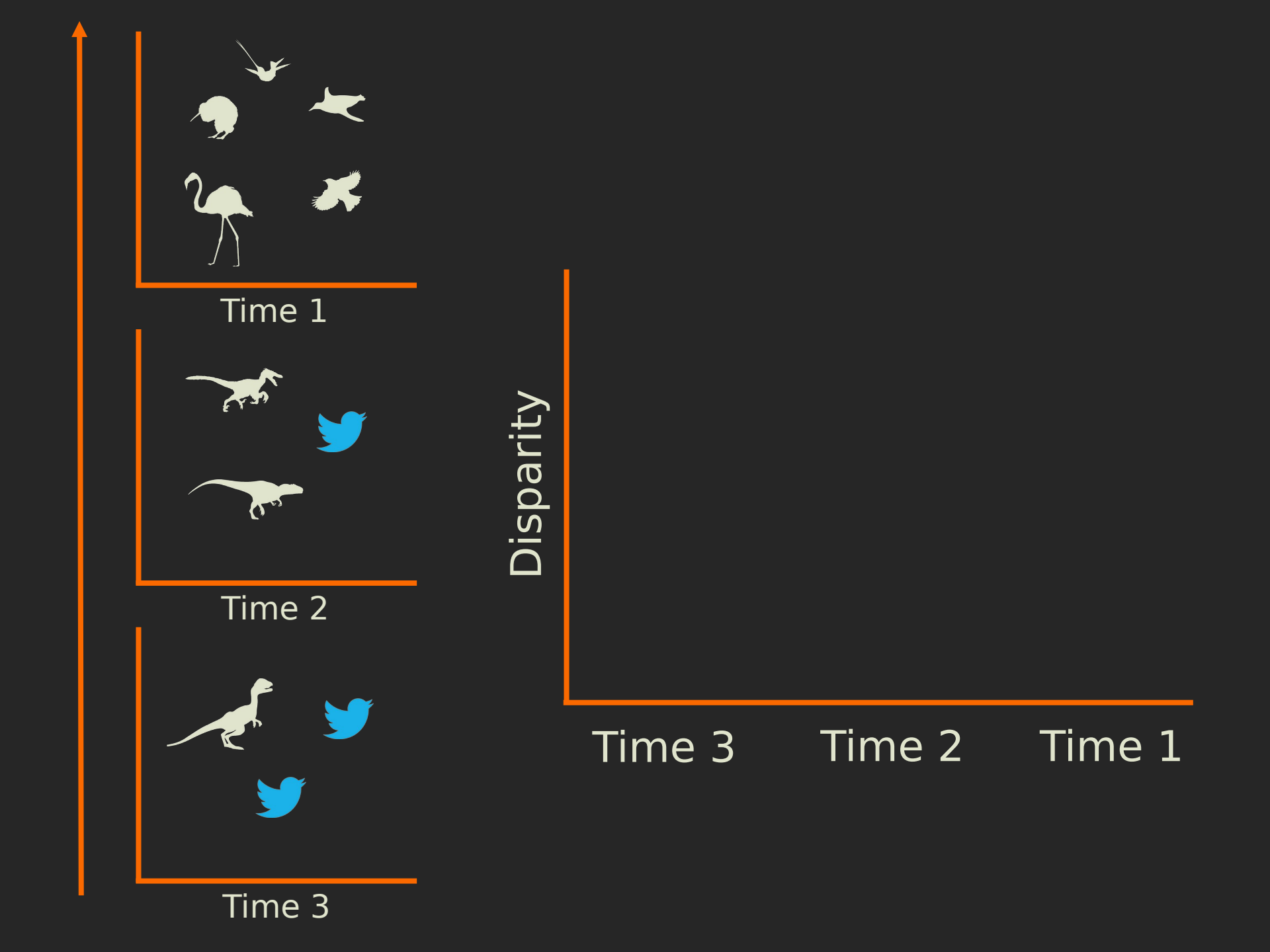

Time 1
Time 2
Time

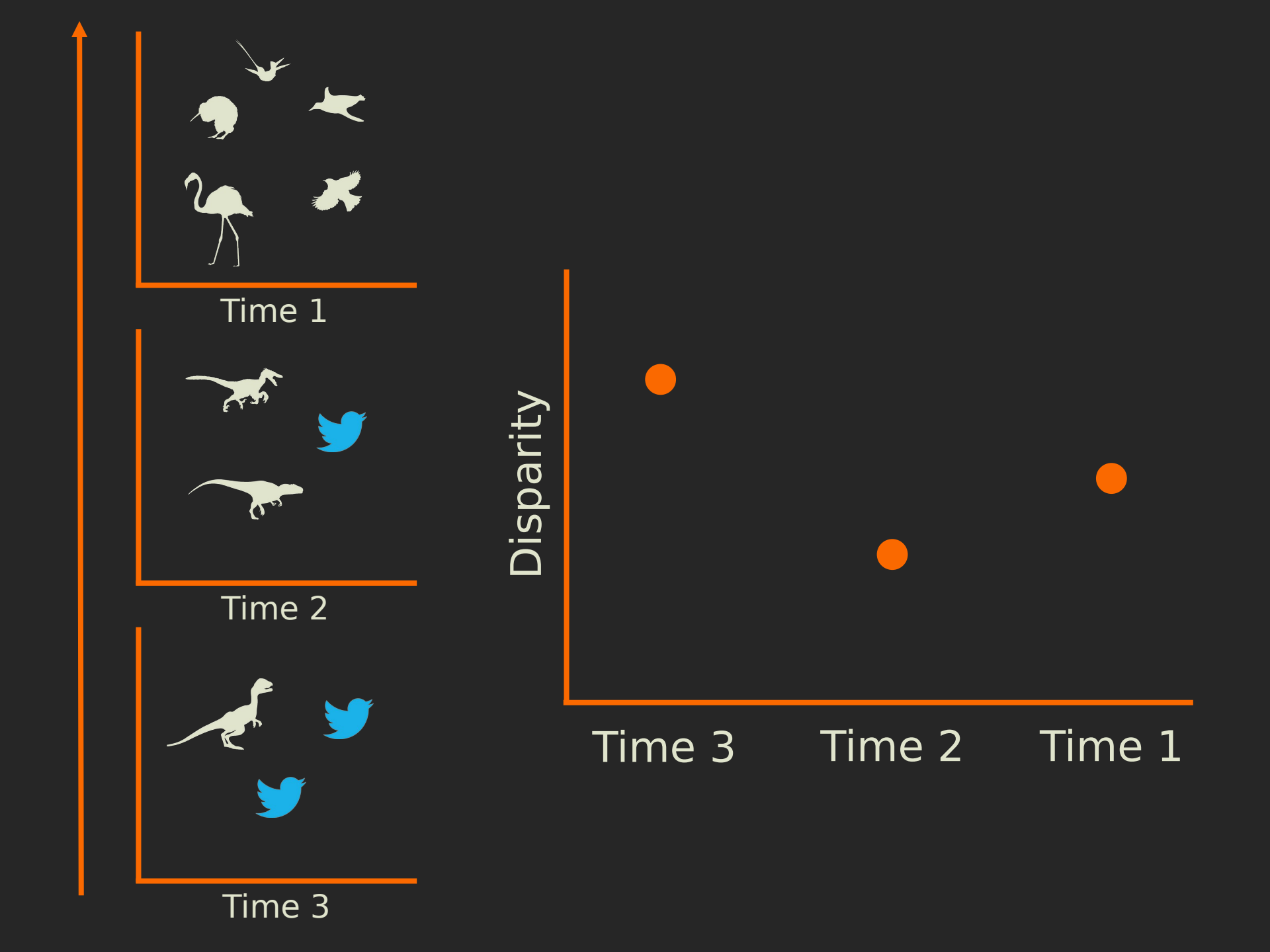

Time 1
Time 2
Time
?

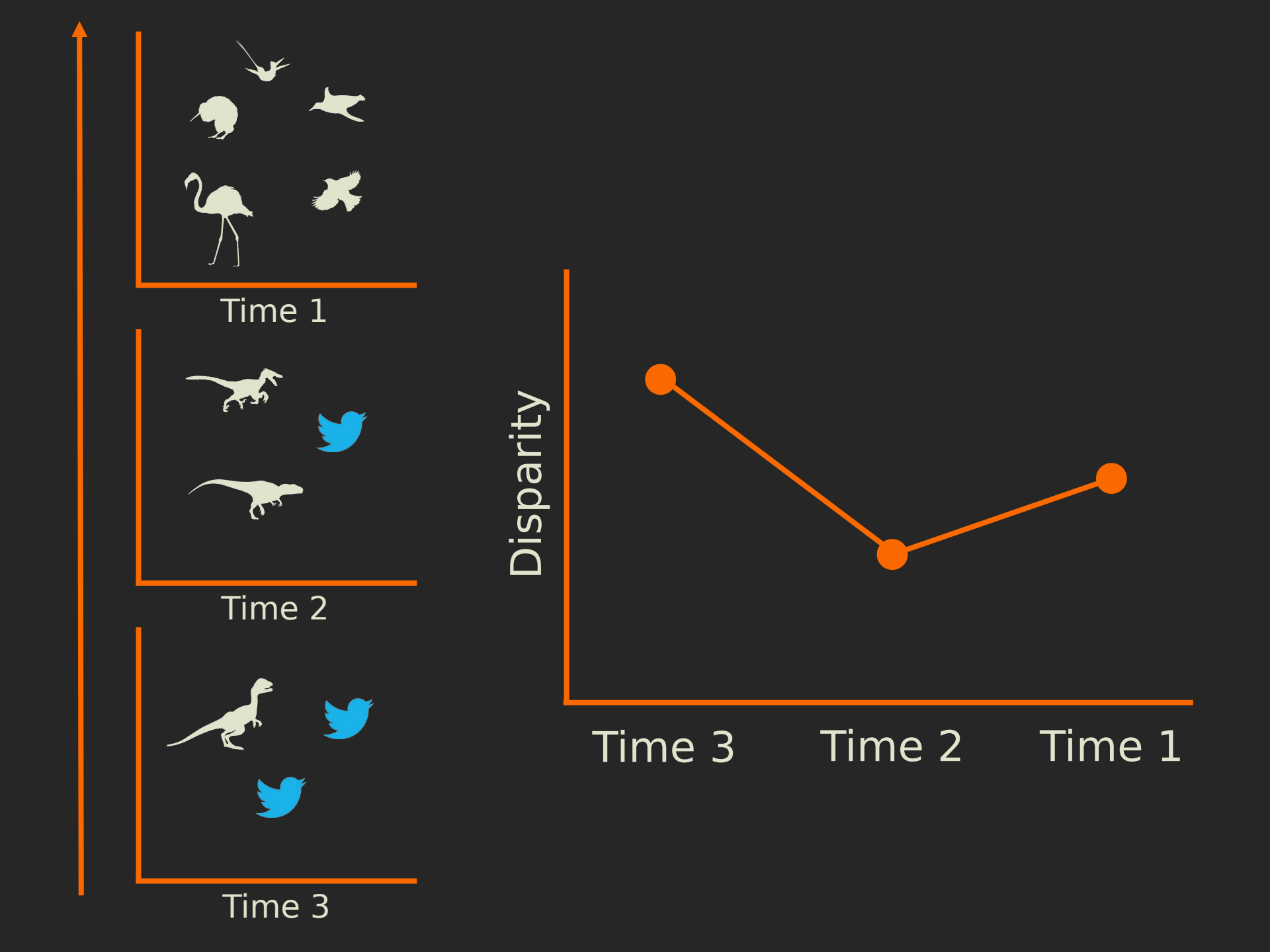

Time 1
Time 2
Time

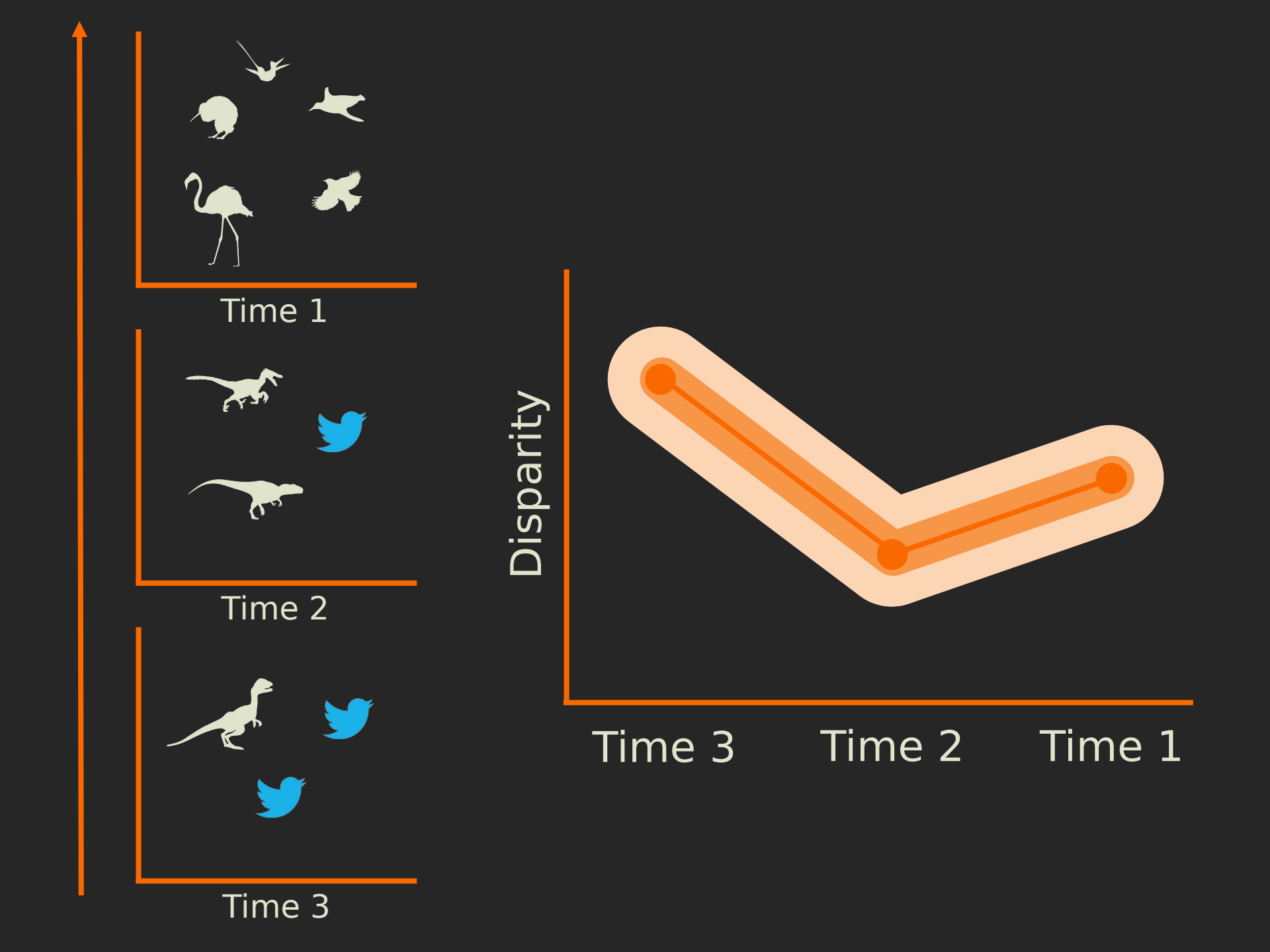

Time 1
Time 2
Time 3
Time


Time 1
Time 2
Time 3


Time 1
Time 2
Time 3
Disparity
Time 3
Time 2
Time 1


Time 1
Time 2
Time 3
Disparity
Time 3
Time 2
Time 1


Time 1
Time 2
Time 3
Disparity
Time 3
Time 2
Time 1


Time 1
Time 2
Time 3
Disparity
Time 3
Time 2
Time 1