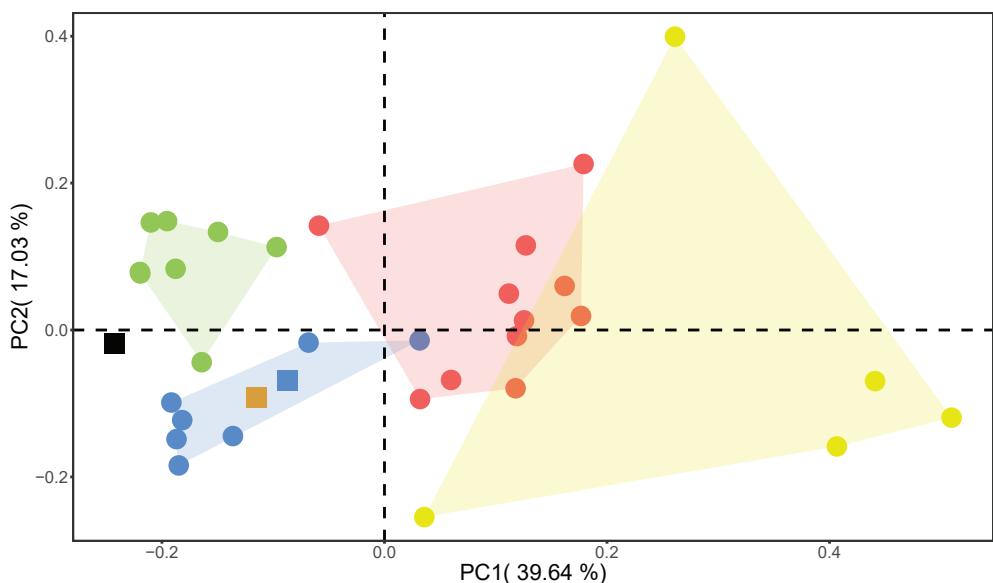
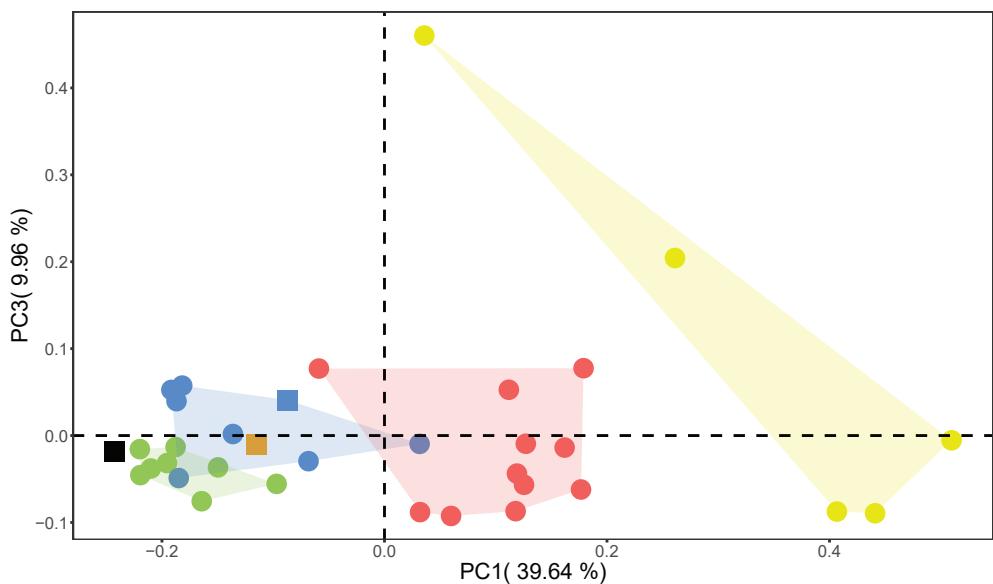


## Supplementary results 1

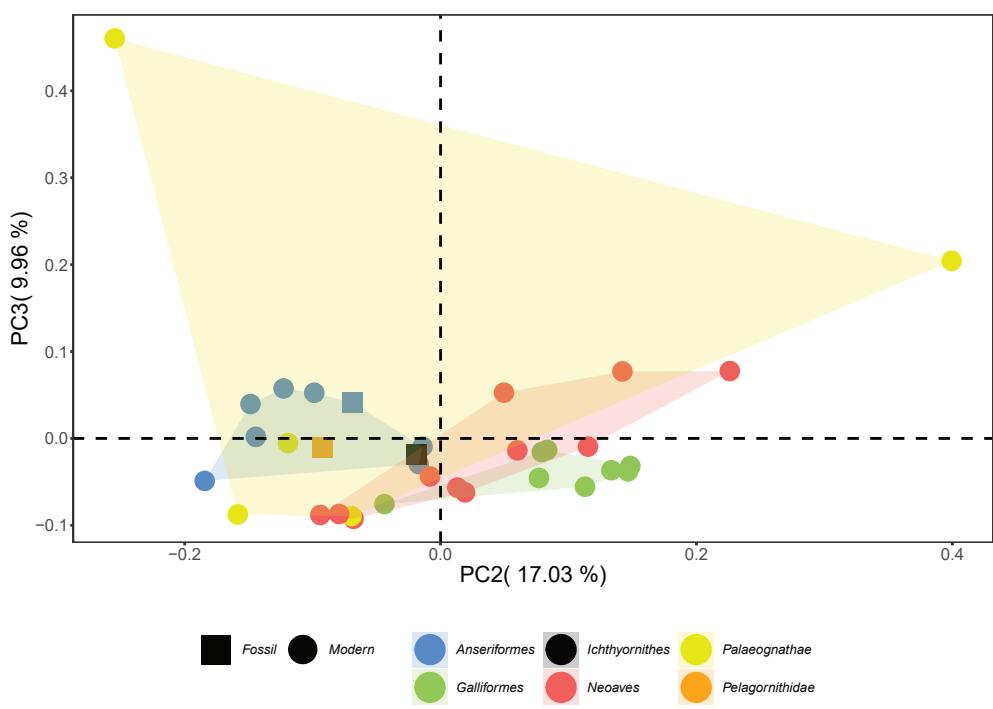
A



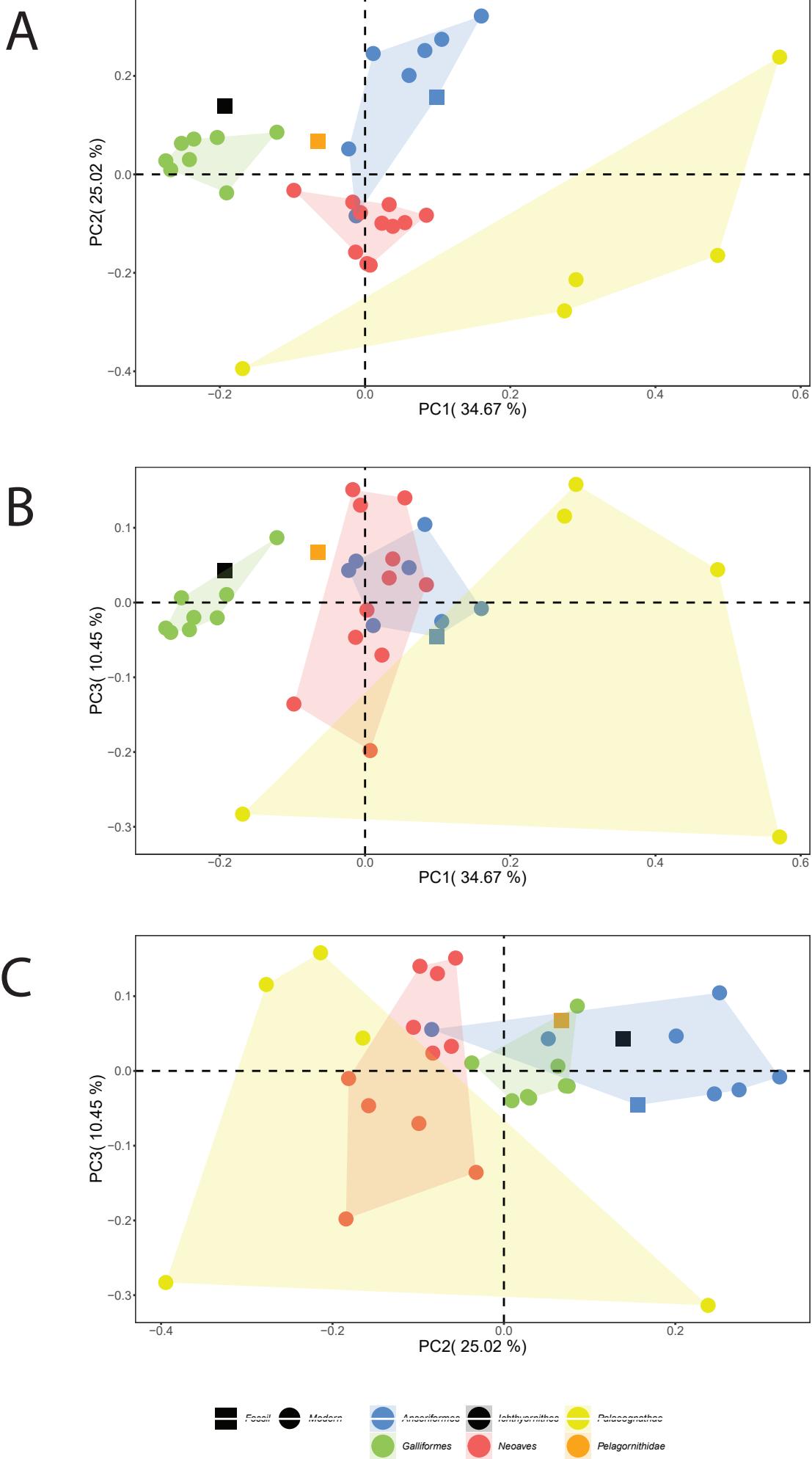
B



C

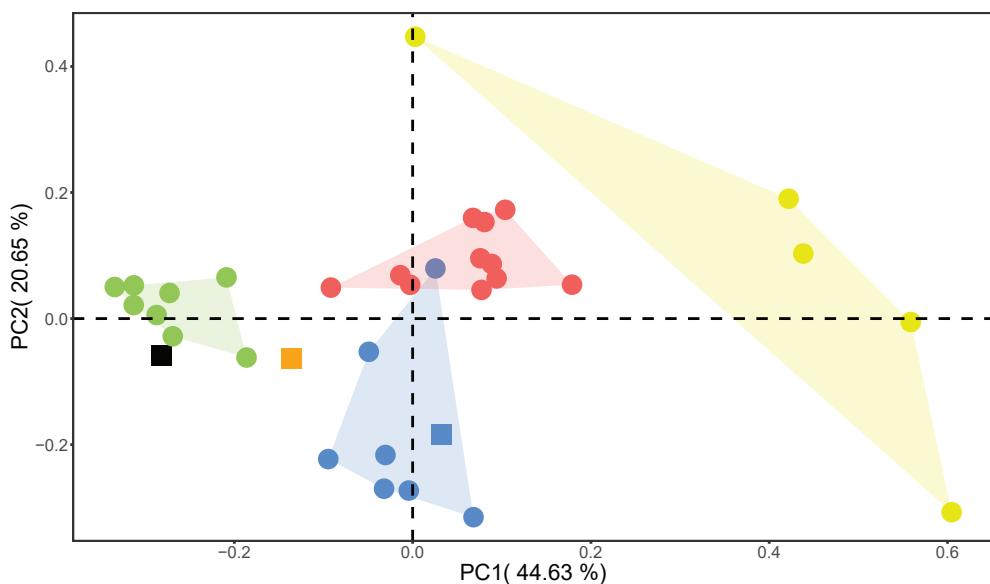


## Supplementary results 2

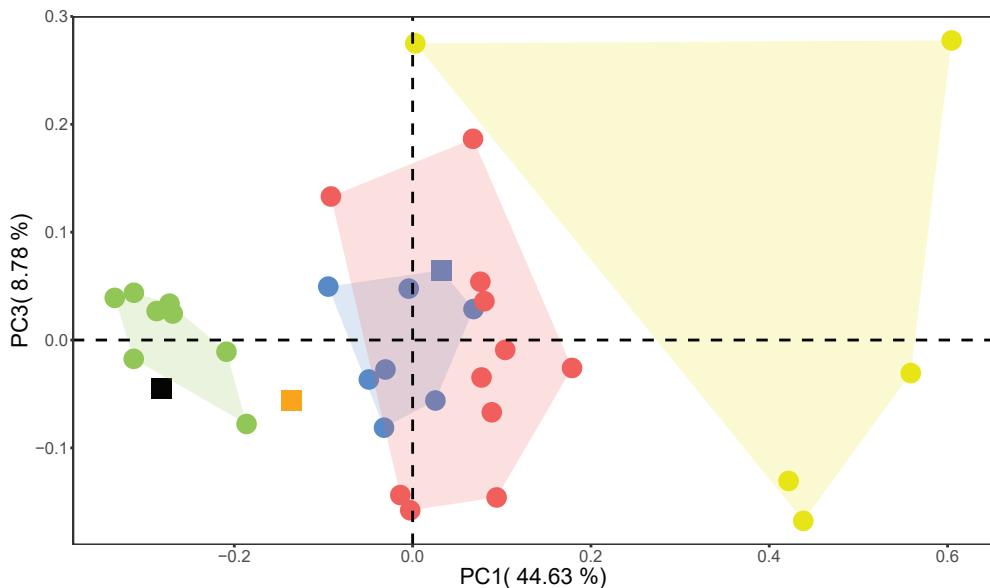


## Supplementary results 3

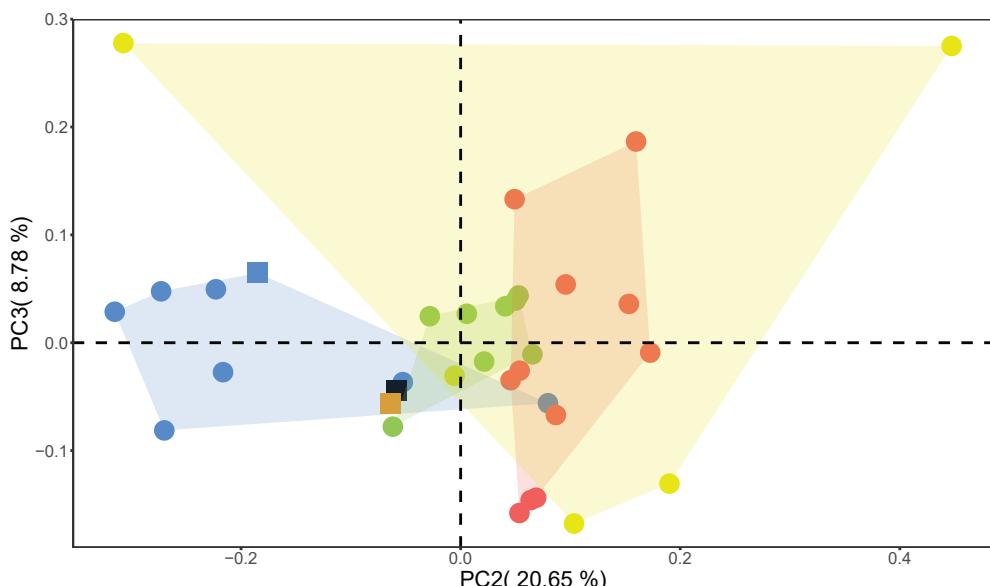
A



B



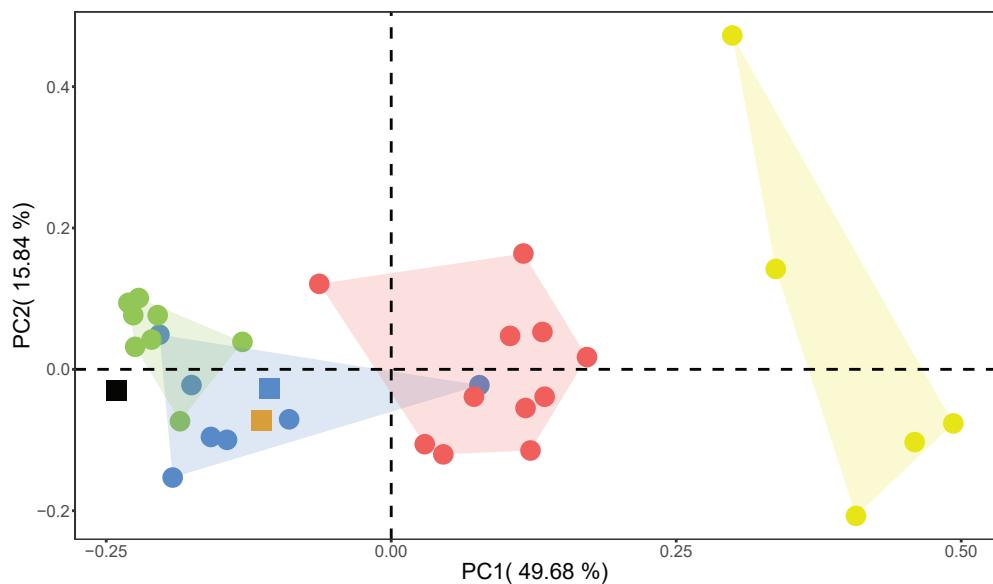
C



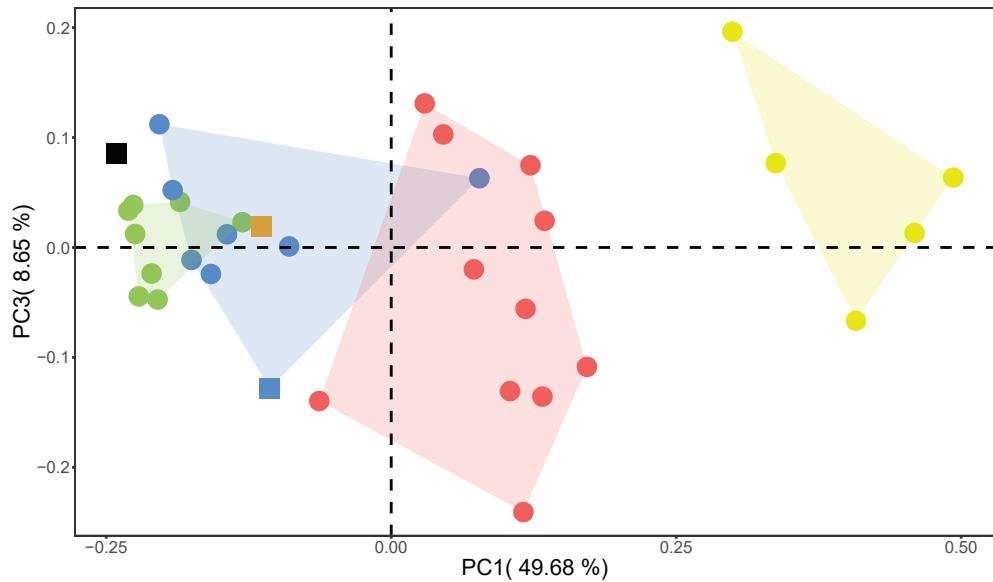
<span style="color: black;">■</span>	Fossil	<span style="color: black;">●</span>	Modern	<span style="color: blue;">○</span>	Anseriformes	<span style="color: black;">●</span>	Ichthyornithes	<span style="color: yellow;">○</span>	Palaeognathae
<span style="color: green;">○</span>	Galliformes	<span style="color: red;">○</span>	Neoaves	<span style="color: orange;">□</span>	Pelagornithidae				

## Supplementary results 4

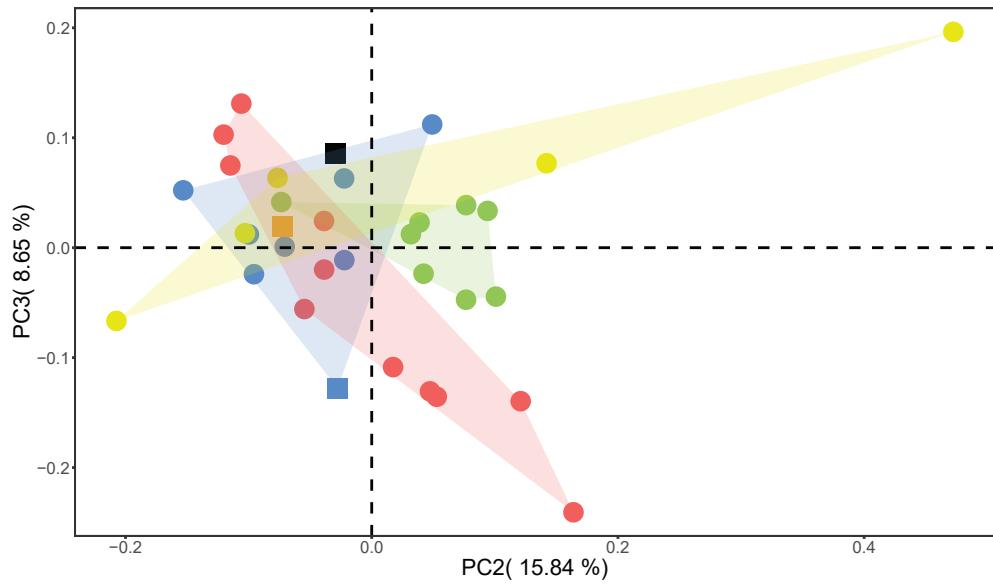
A



B



C



Fossil	Modern	
Anseriformes	Ichthyornithes	Palaeognathae
Galliformes	Neoaves	Pelagornithidae

## Supplementary results 5

