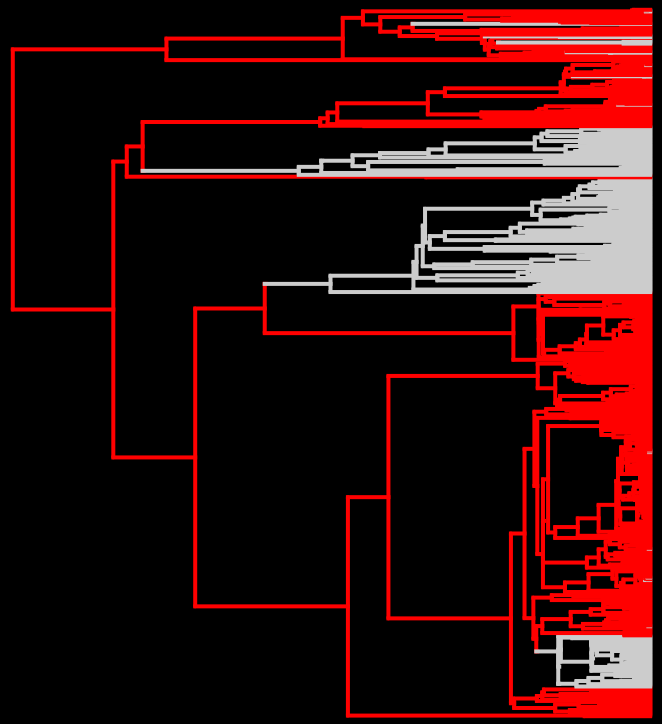

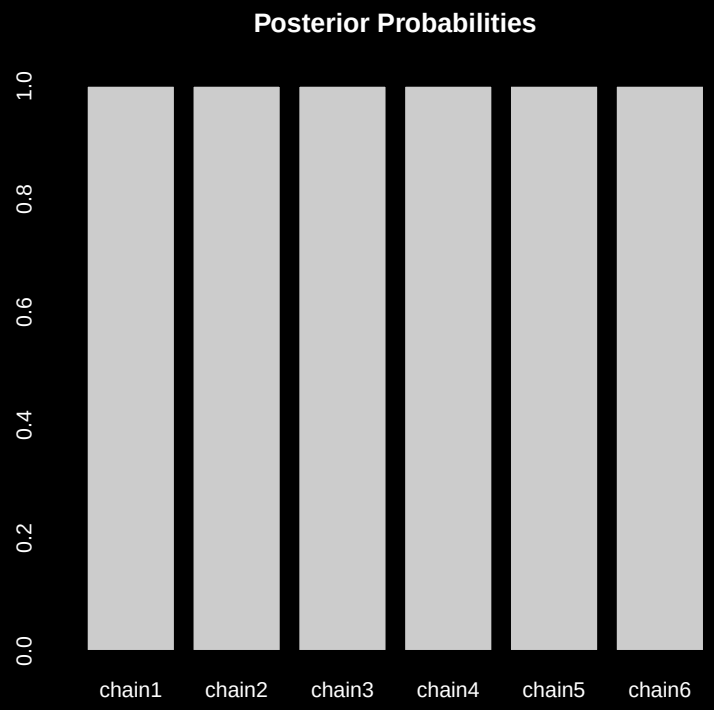
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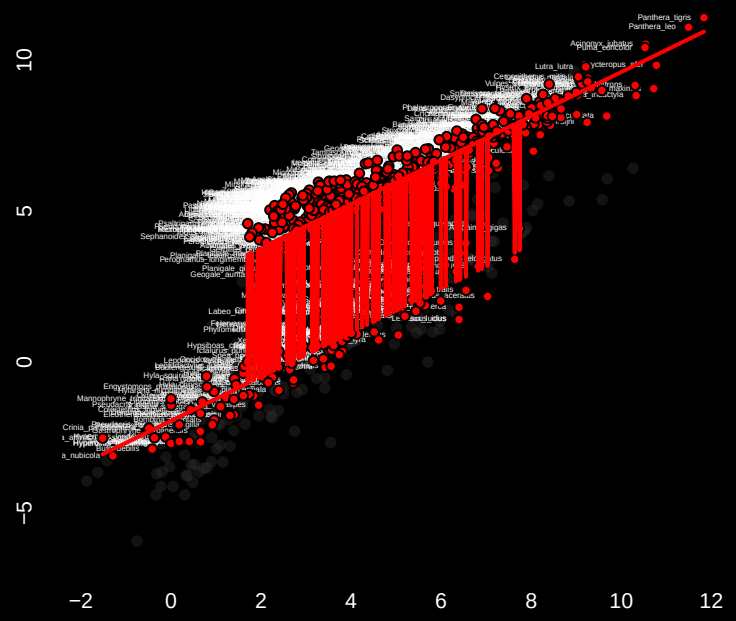
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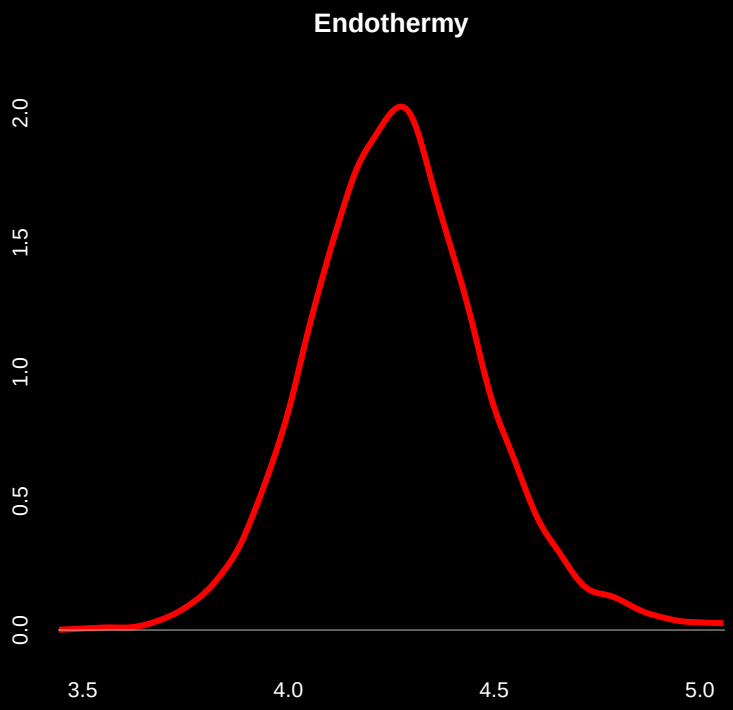
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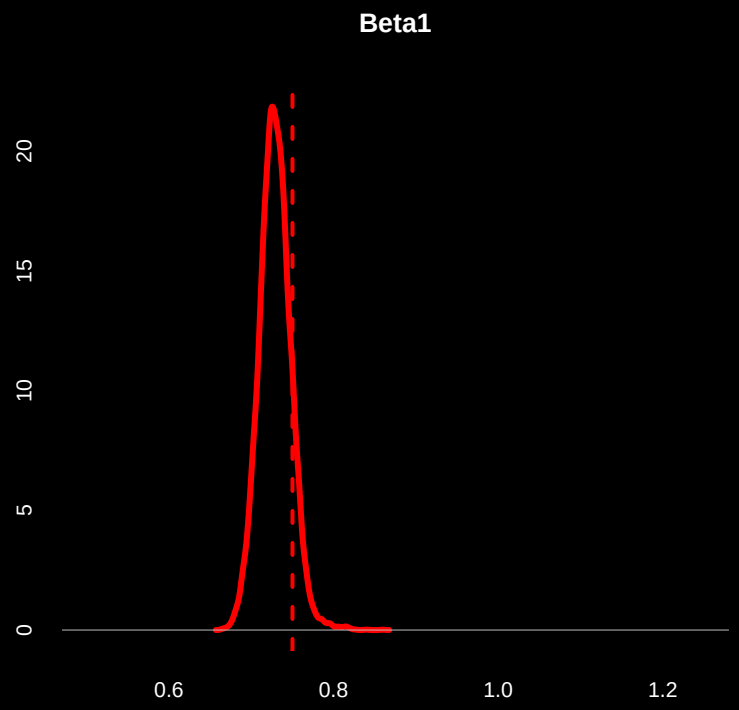
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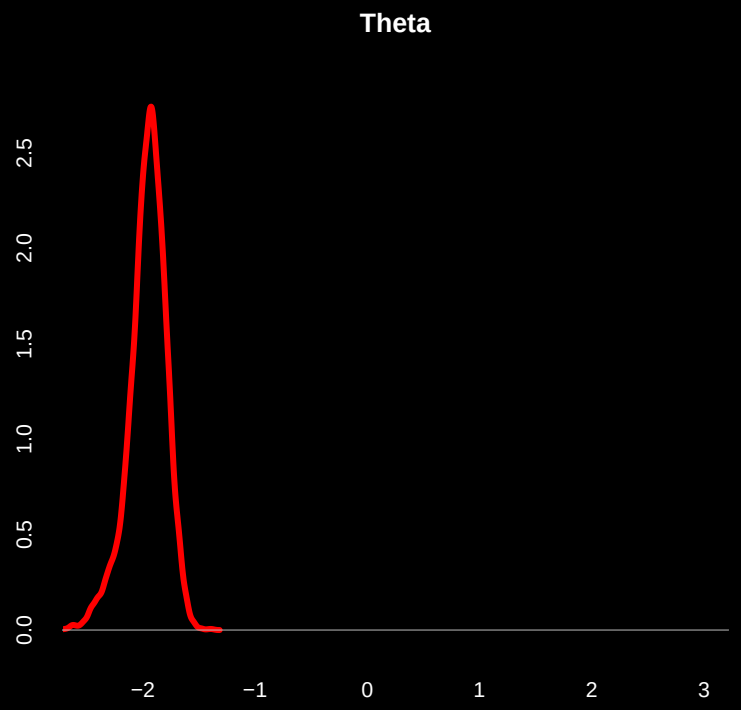
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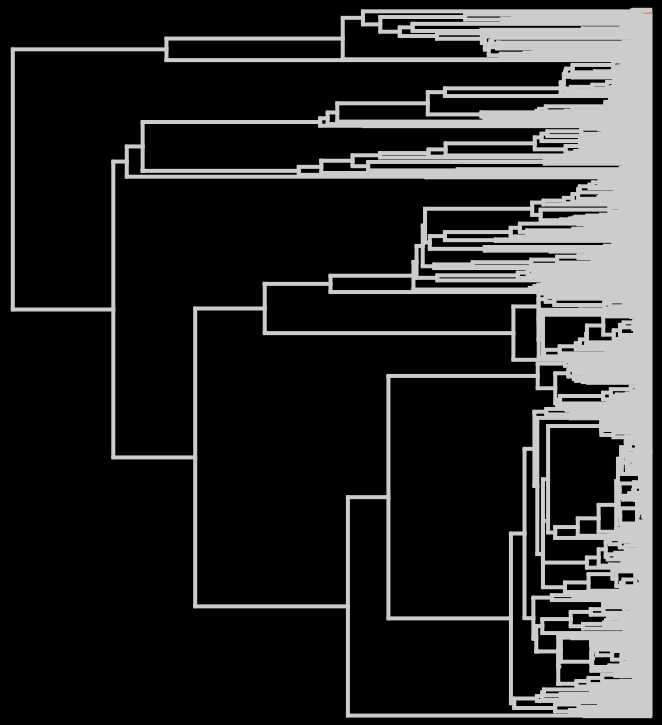

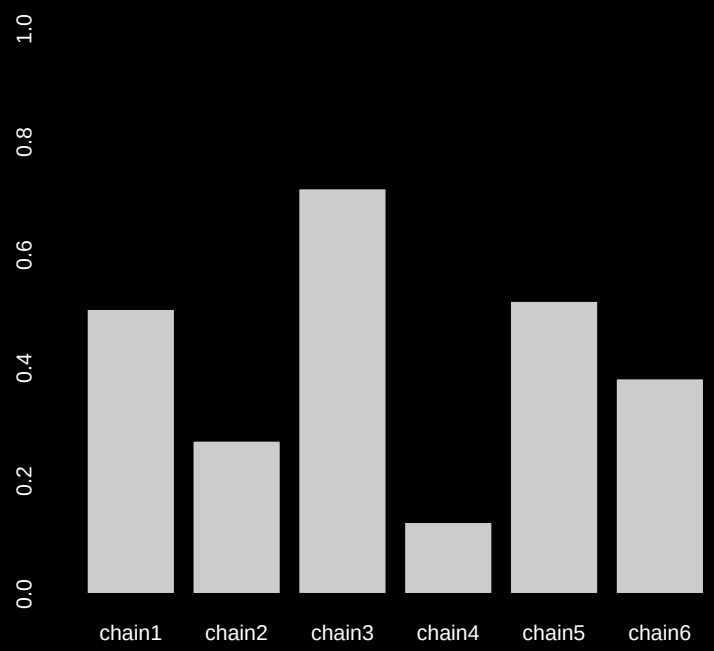
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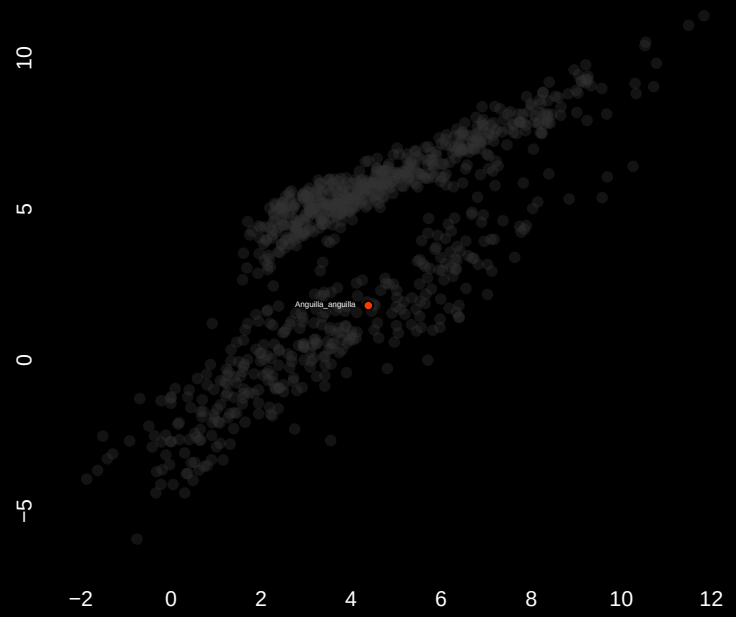
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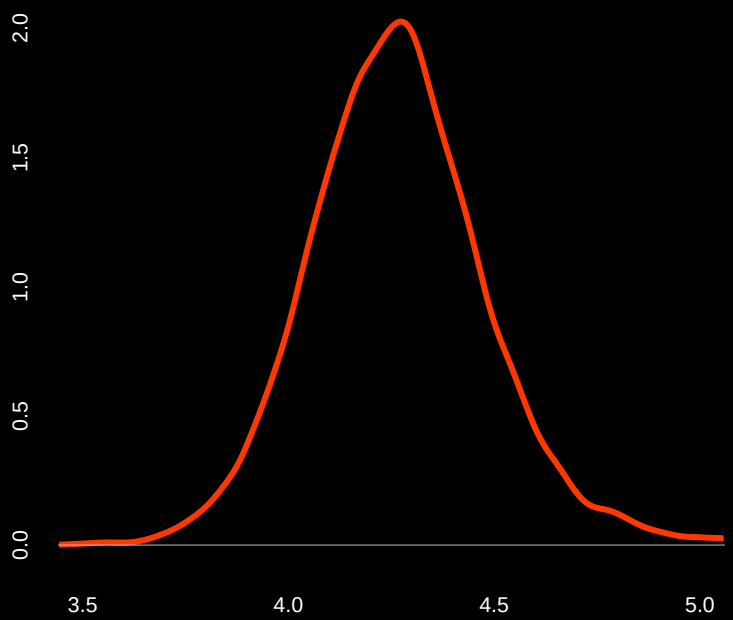
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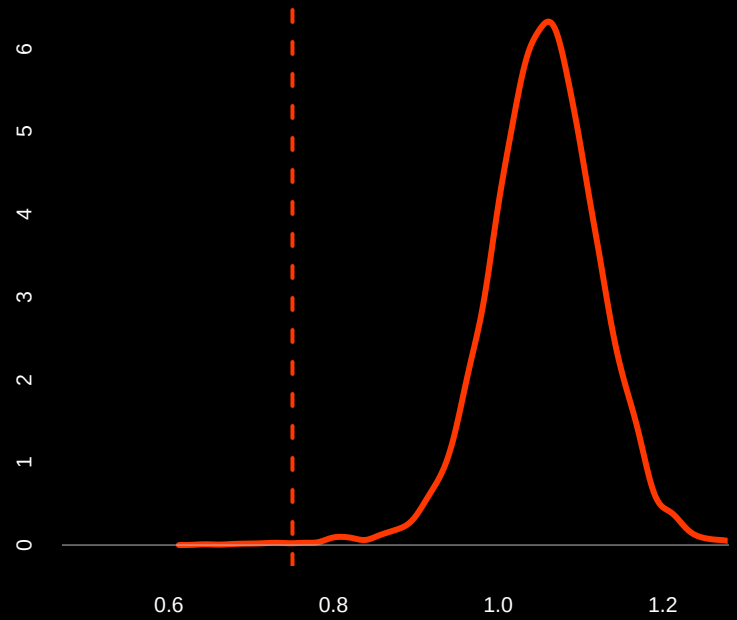
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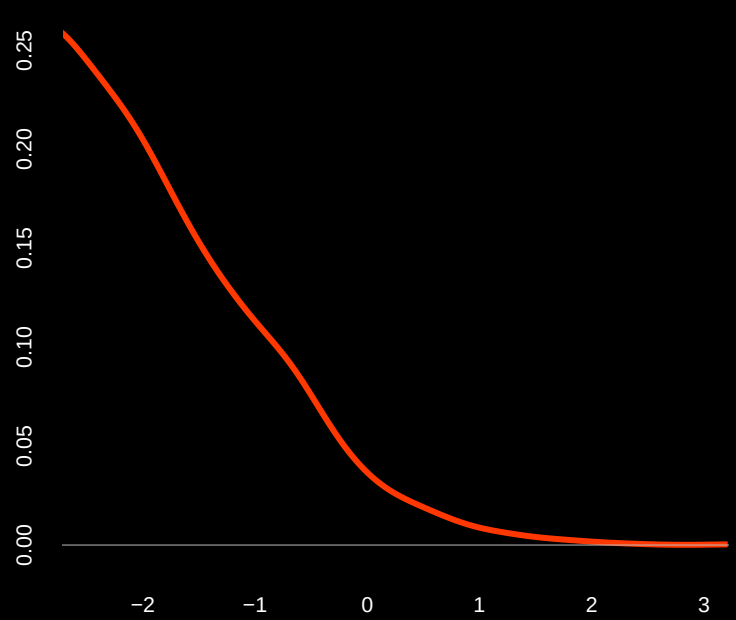
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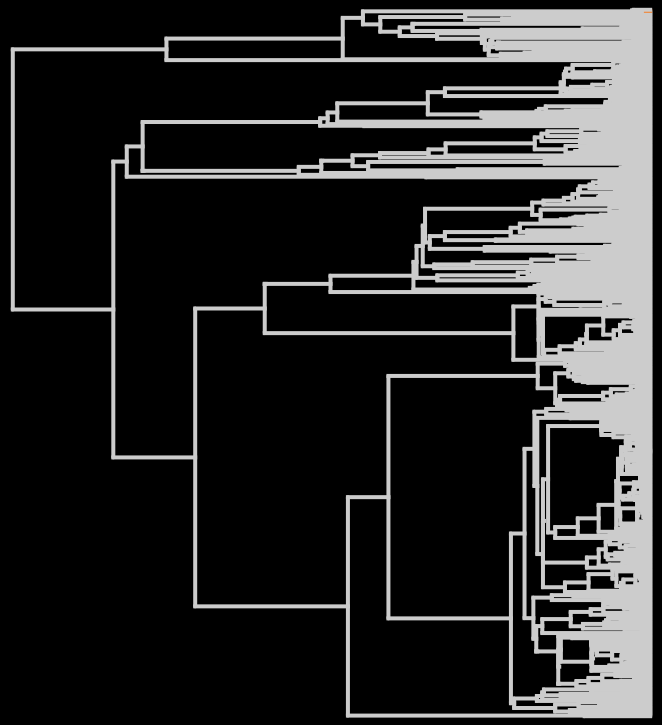

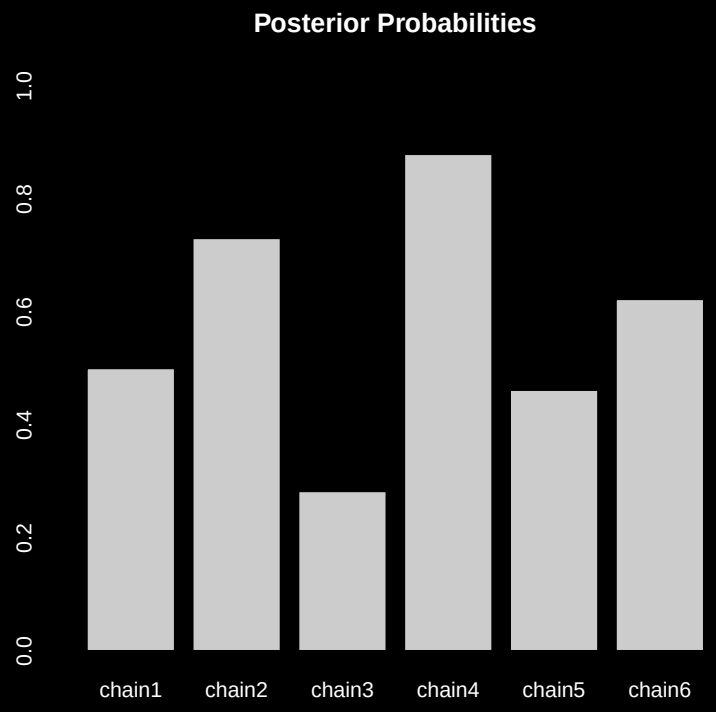
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chain1
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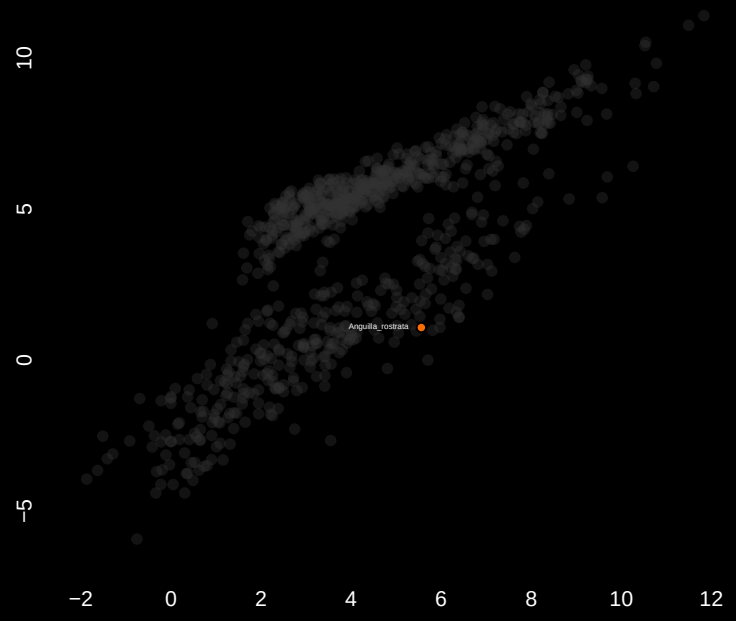
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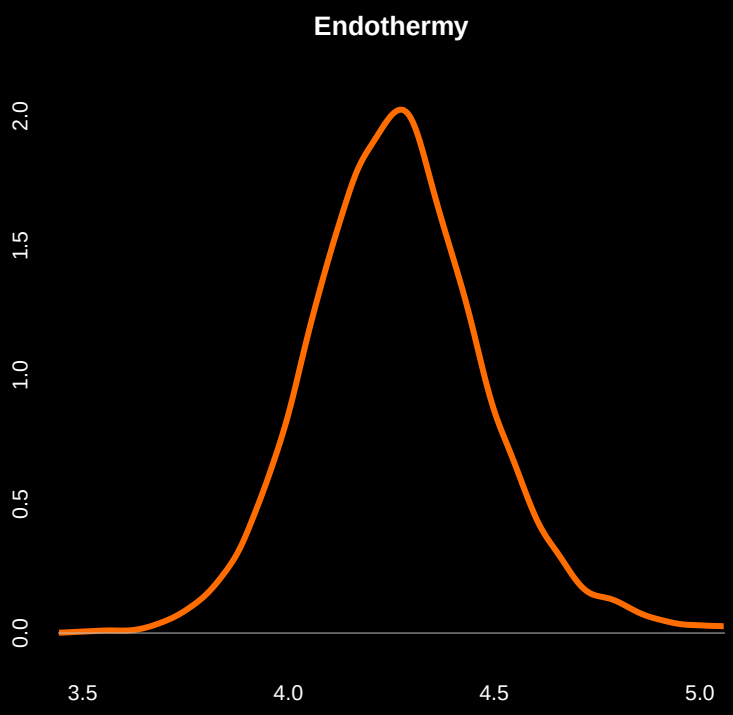
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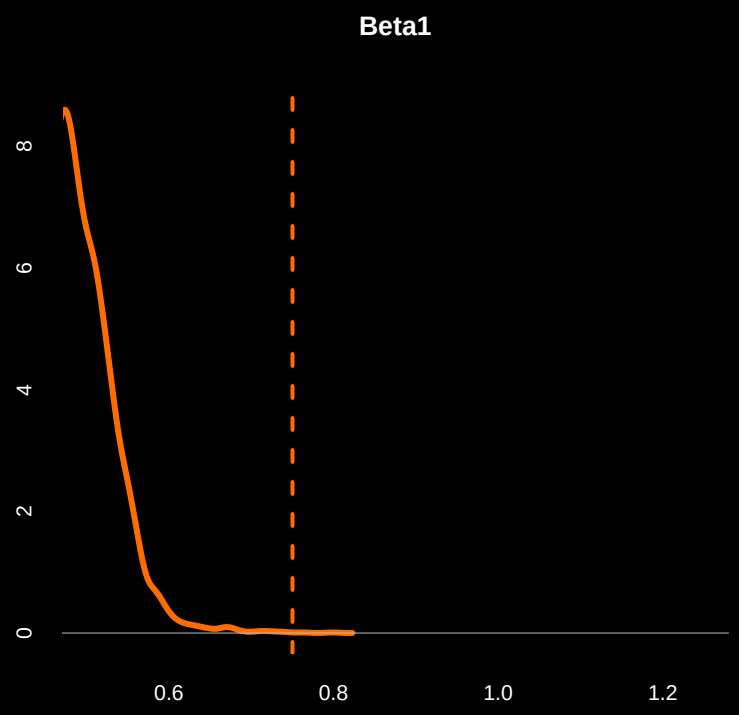
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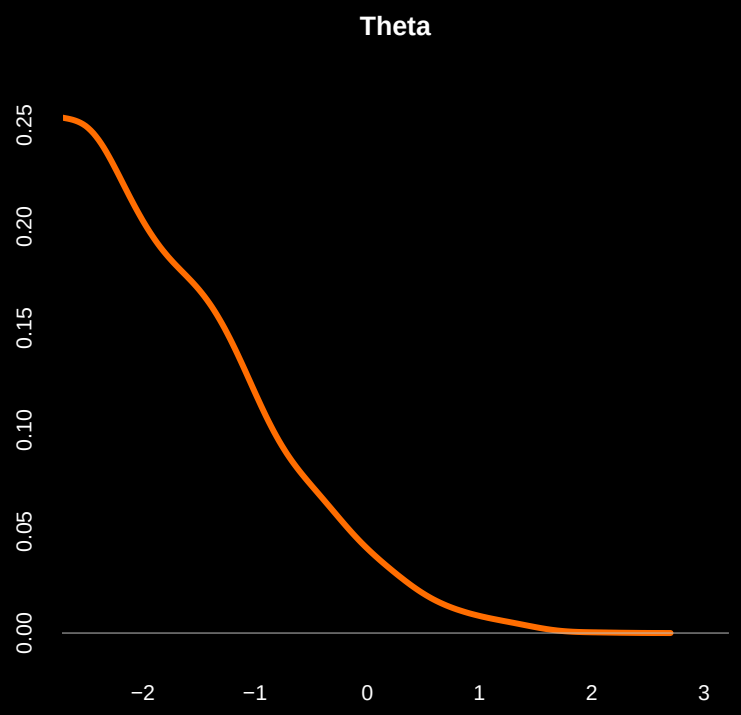
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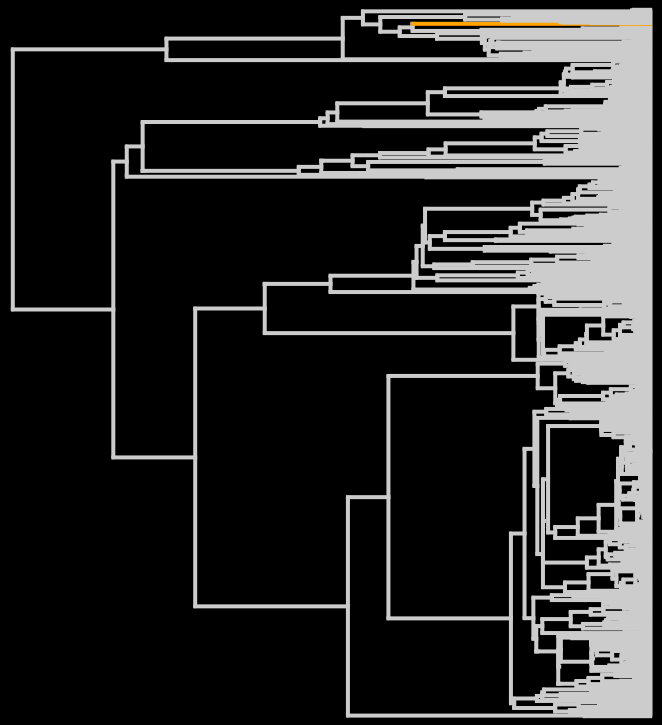

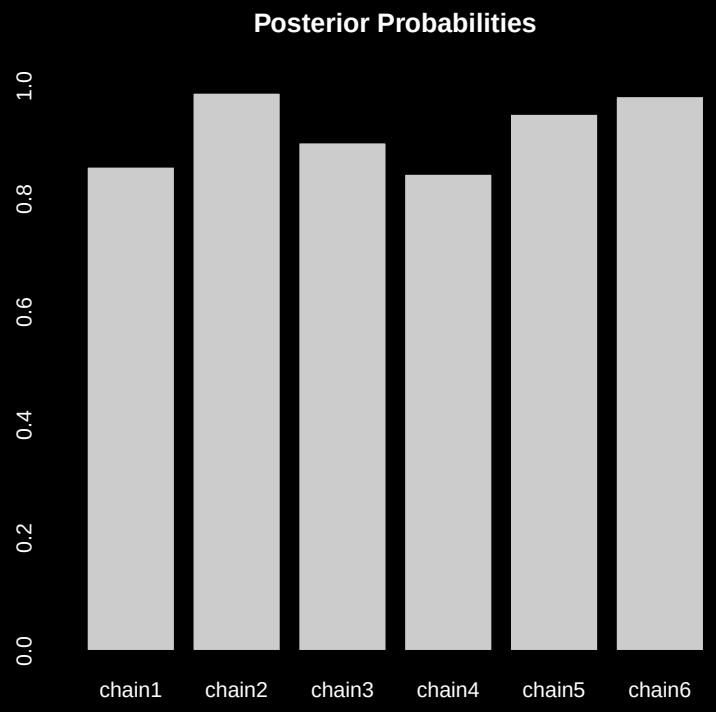
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chain1
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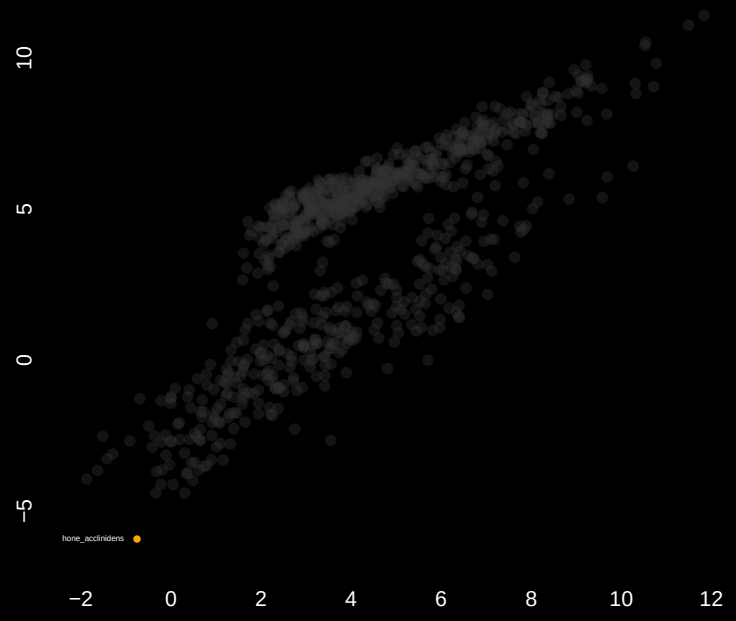
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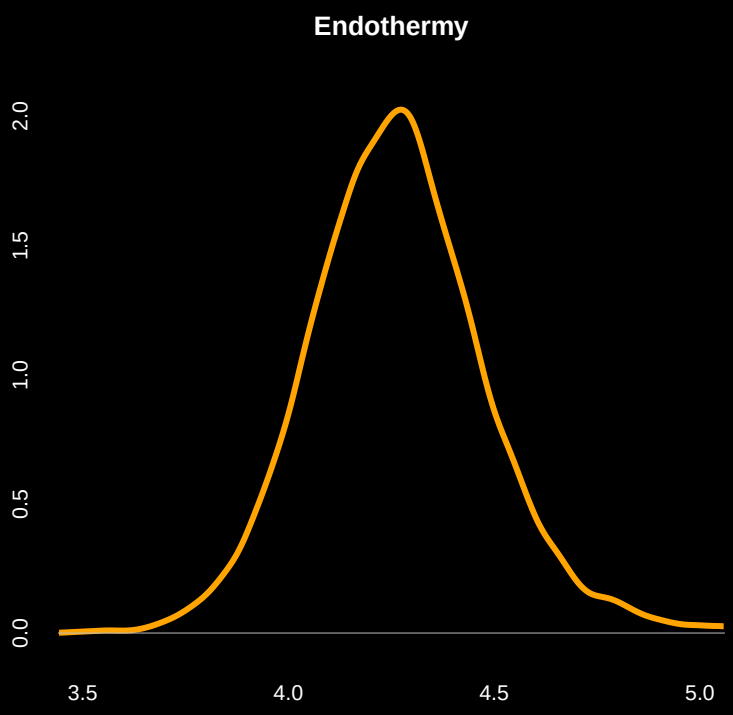
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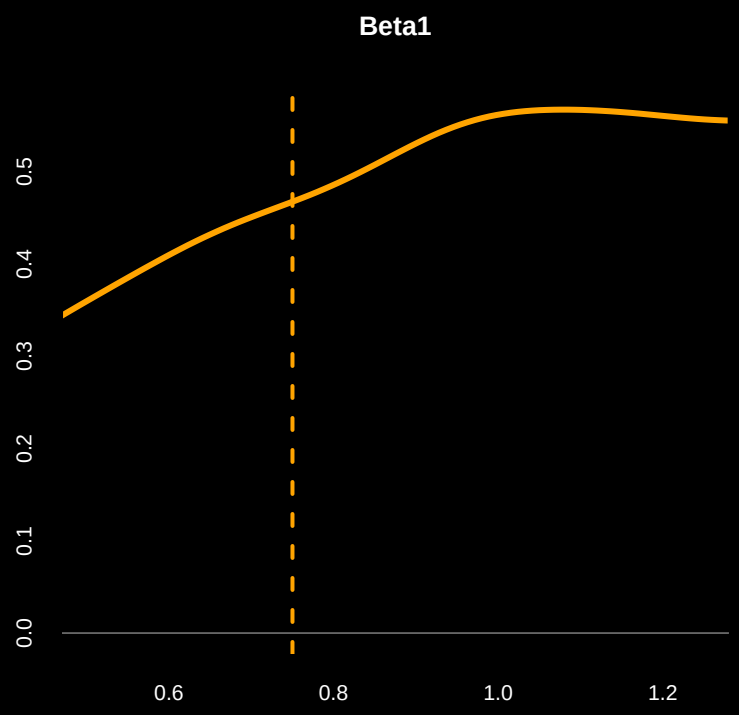
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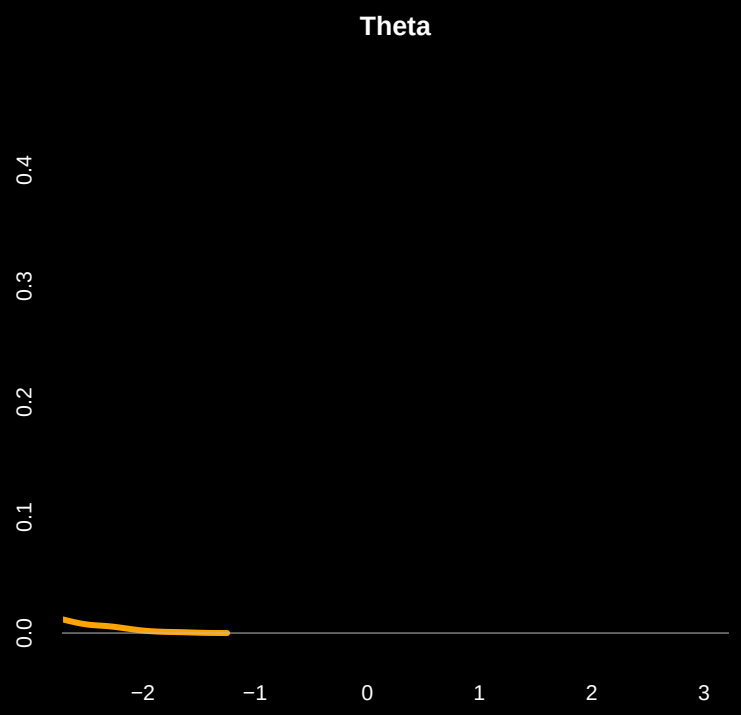
Theta
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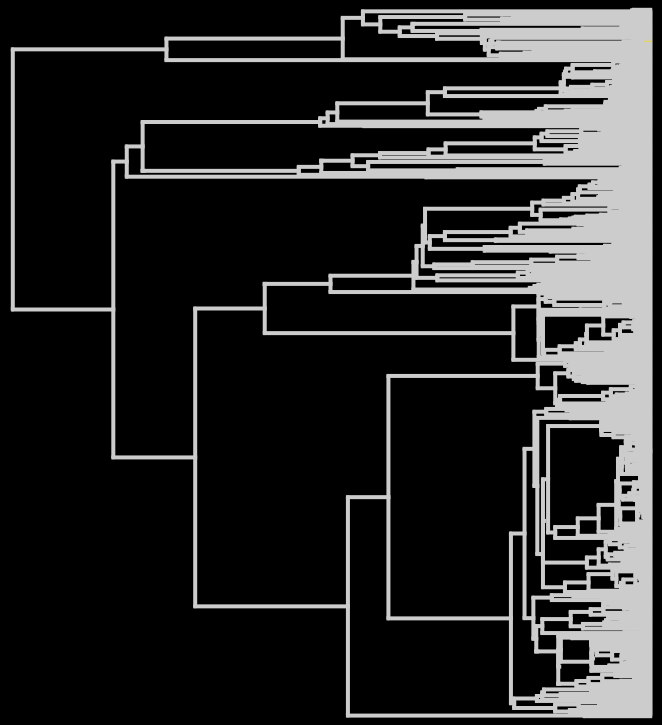

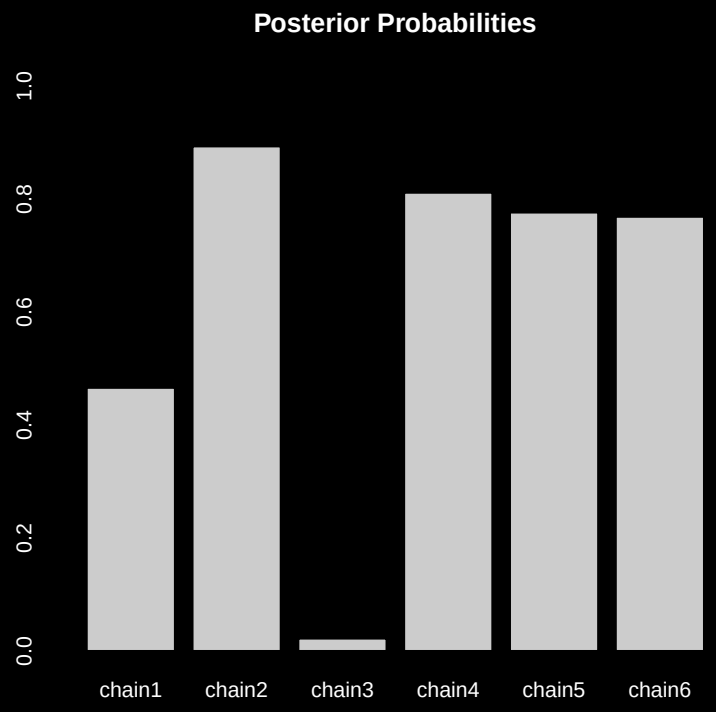
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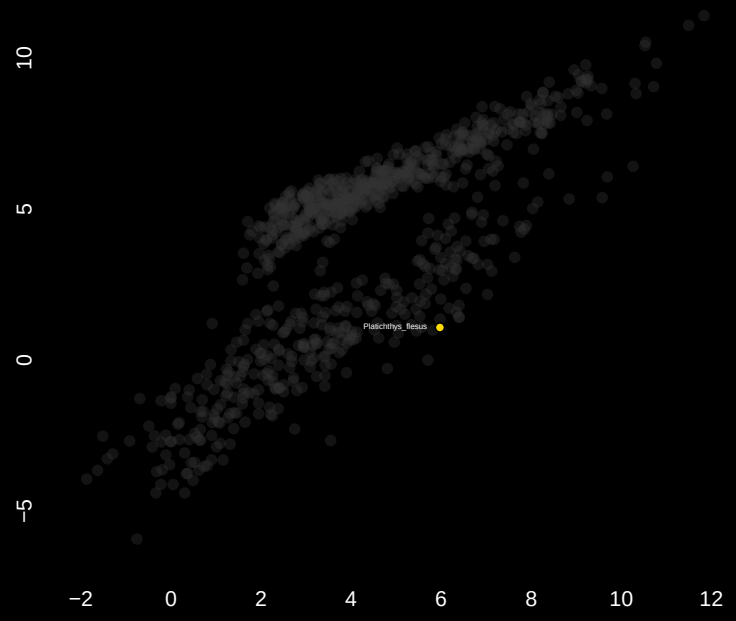
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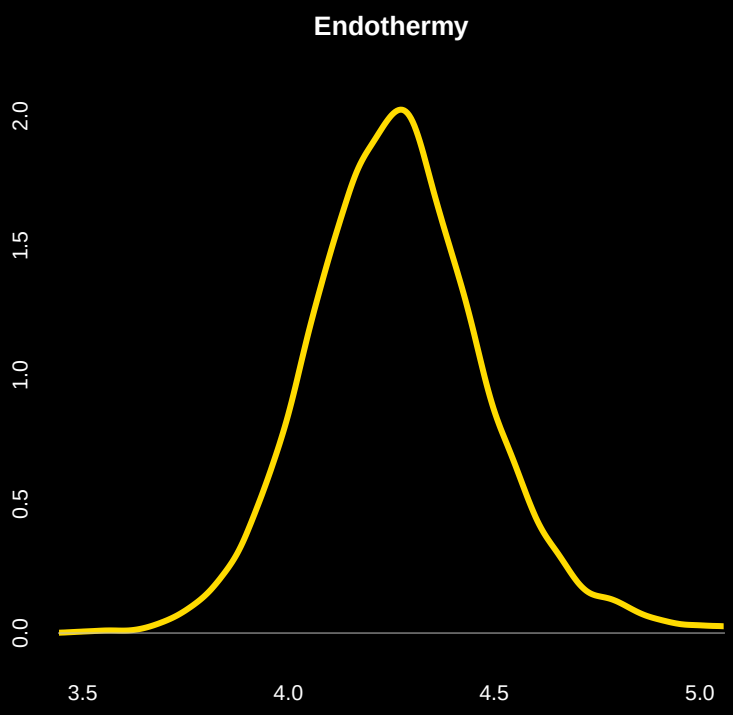
Plaisichthys_flesus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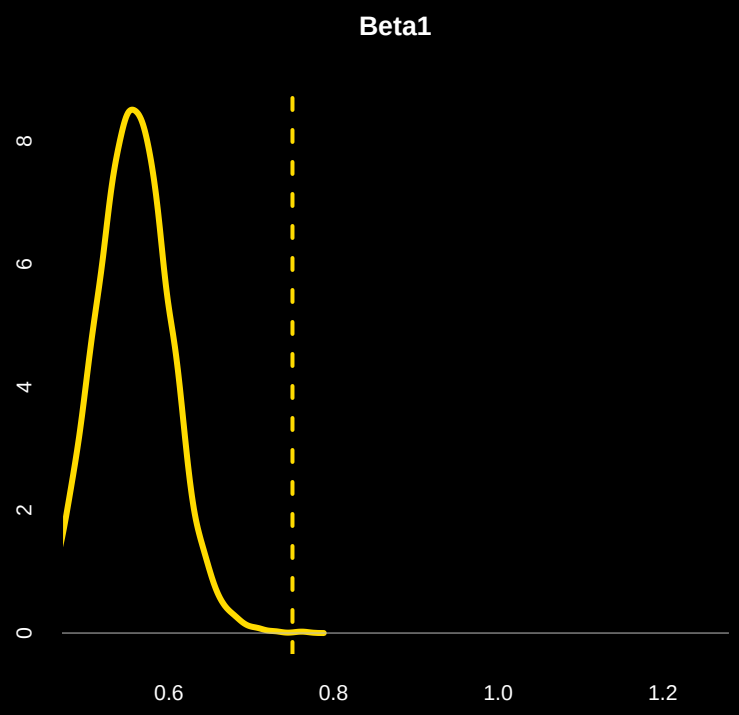
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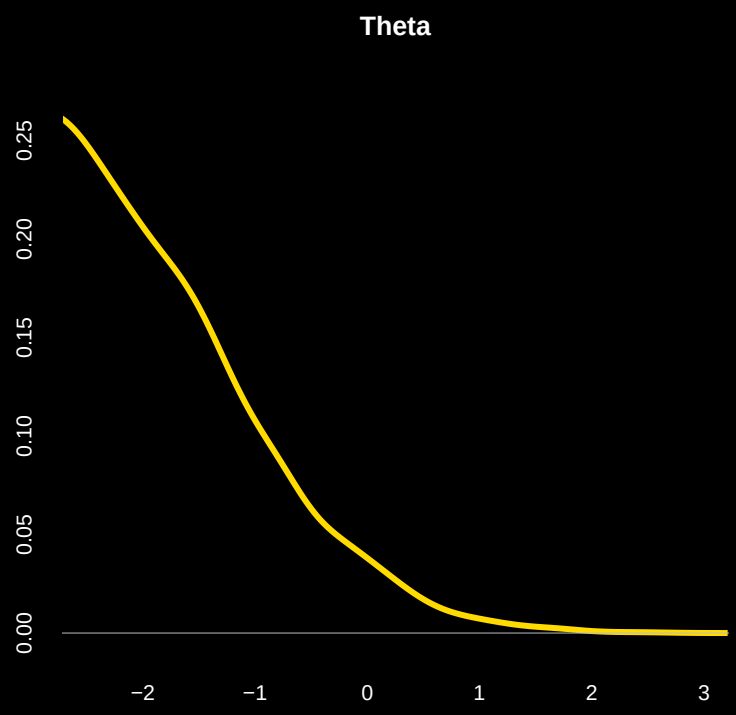
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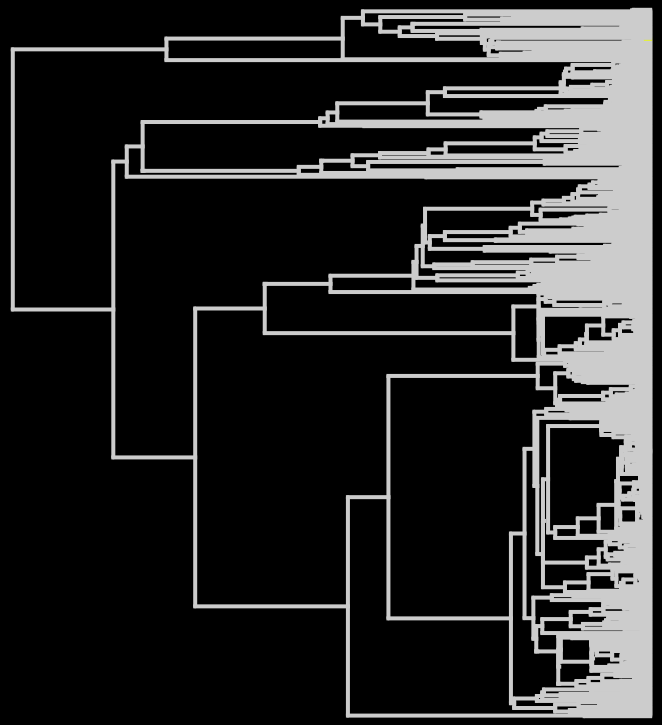

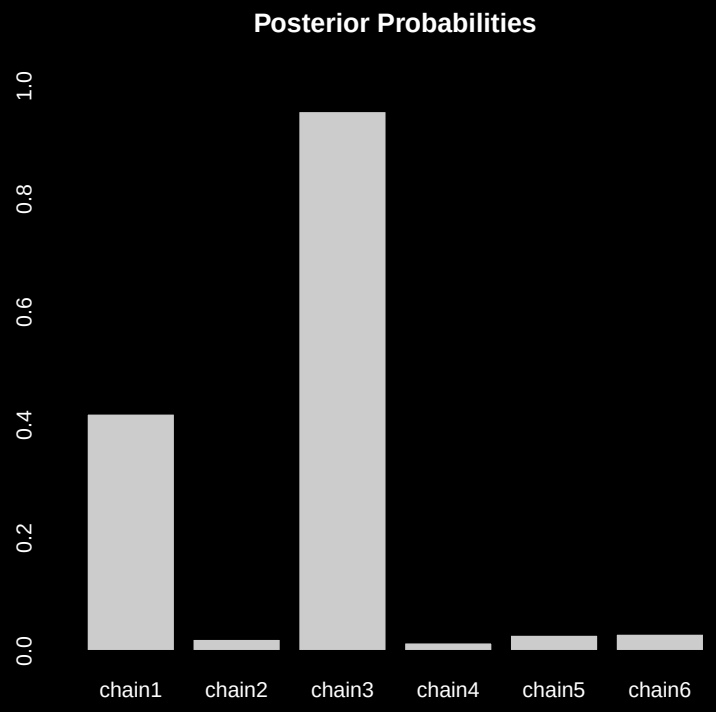
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chain1
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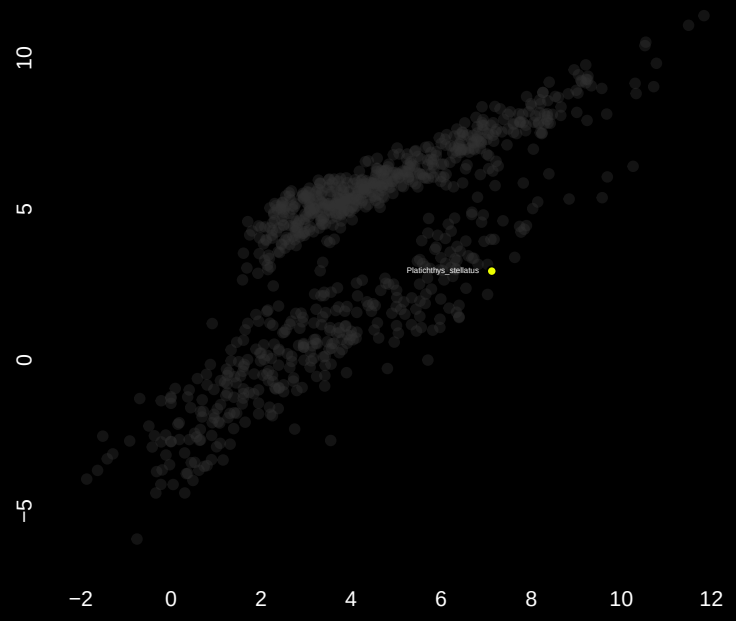
chain5
chain6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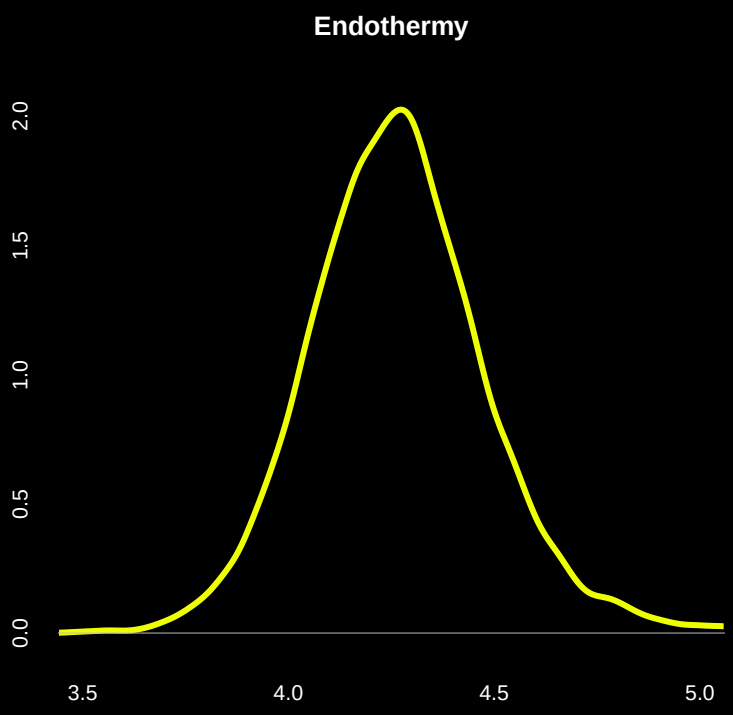
Platichthys_stellatus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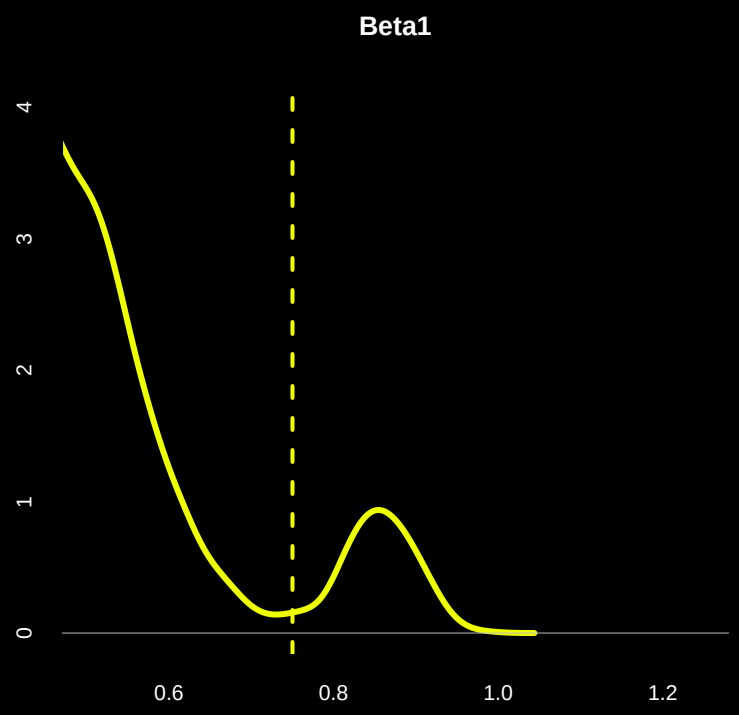
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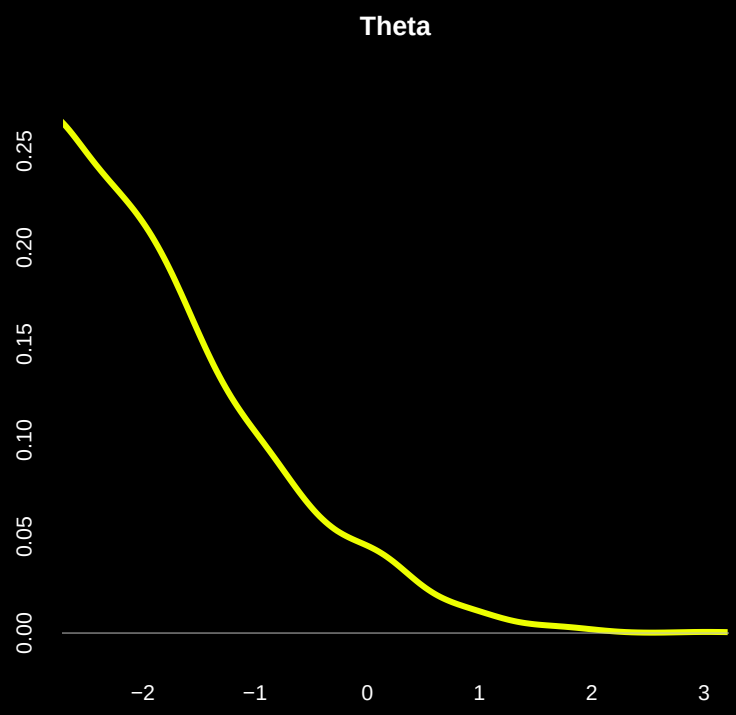
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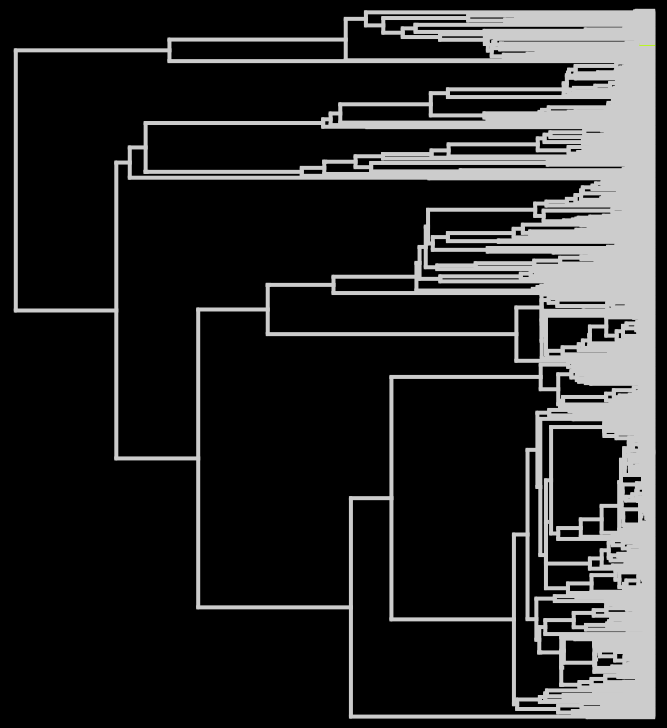

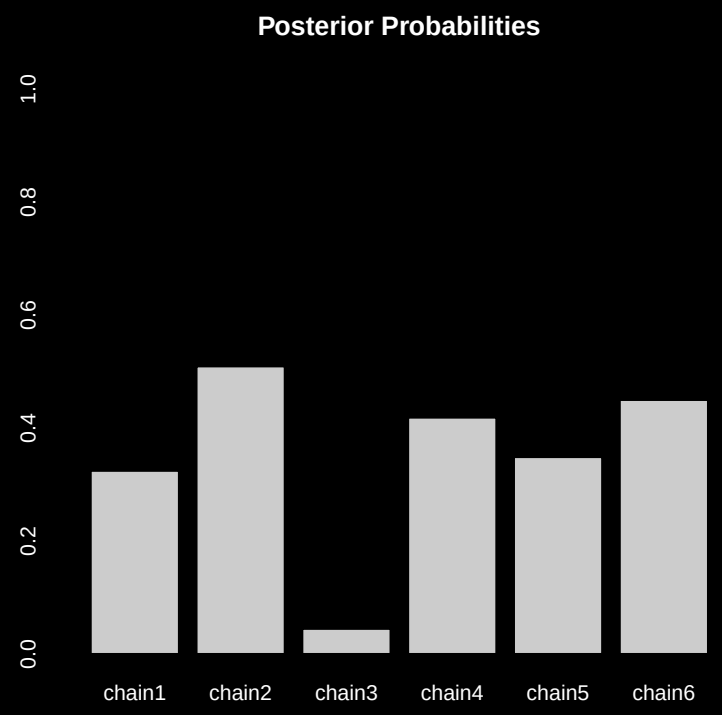
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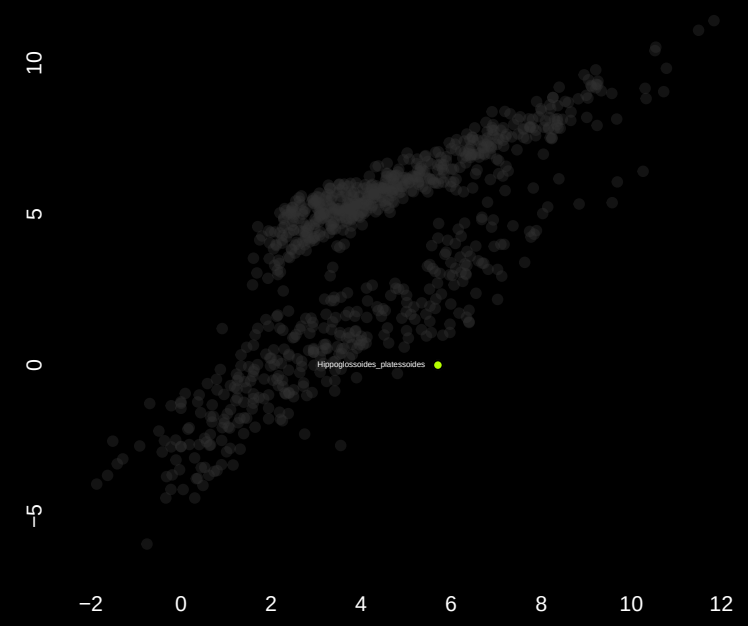
chain1
chain2
chain3
chain4
chain5
chain6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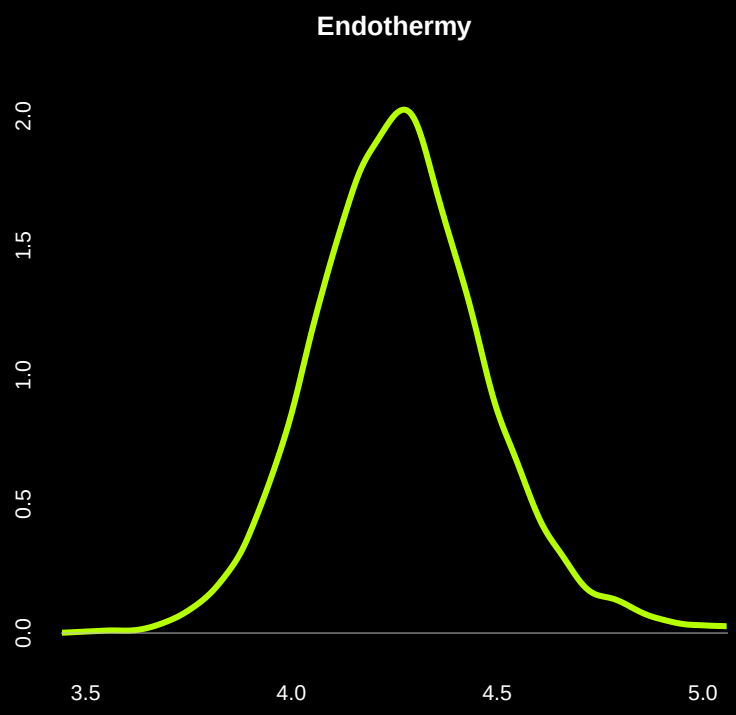
Hippoglossoides_platessoides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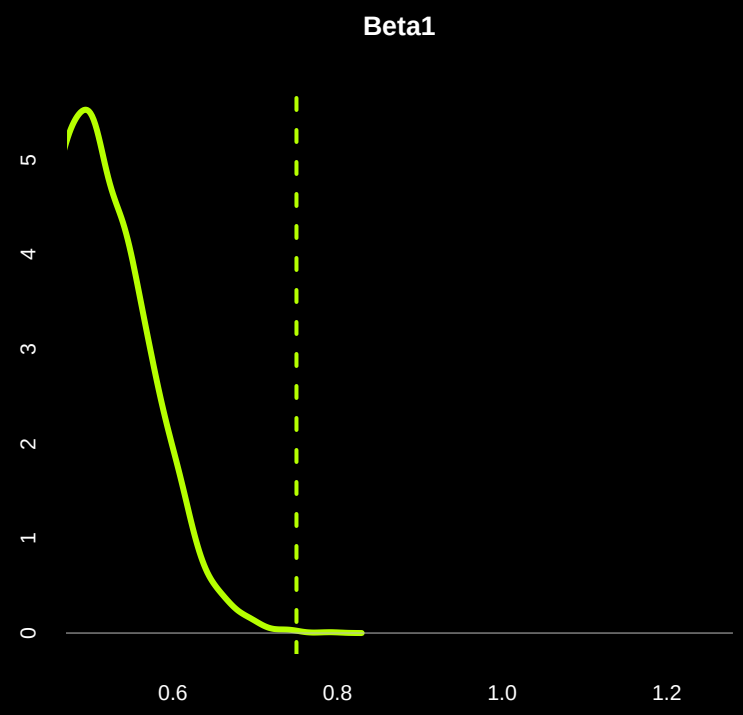
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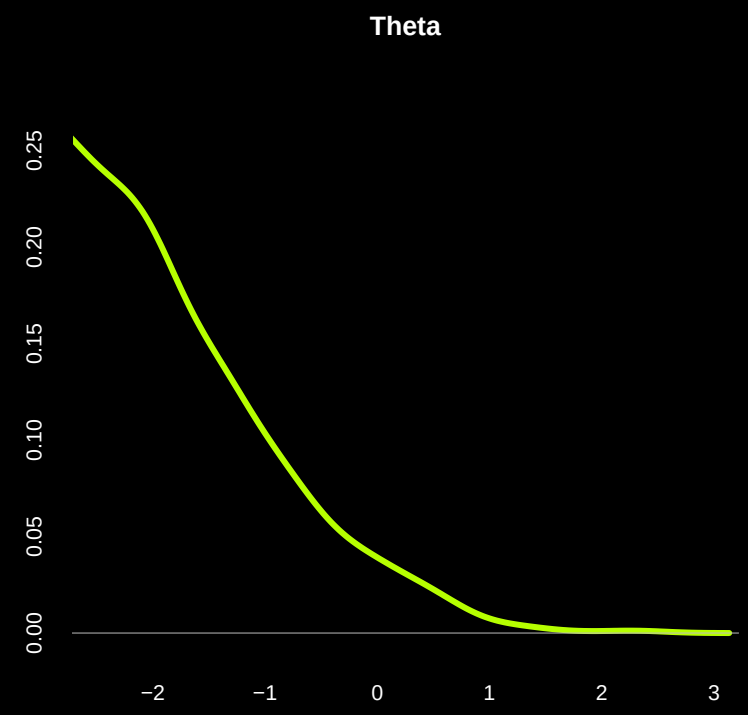
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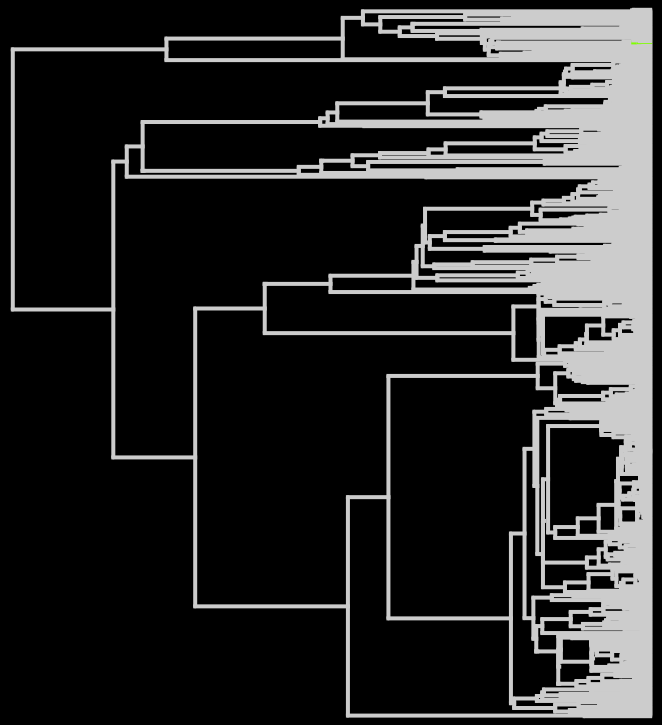

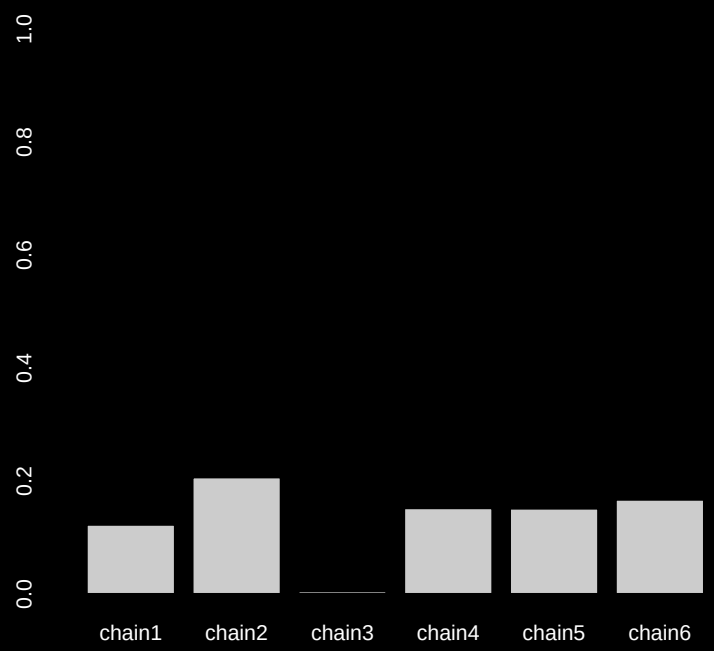
Posterior Probabilities
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0.2
0.0
chain1
chain2
chain3
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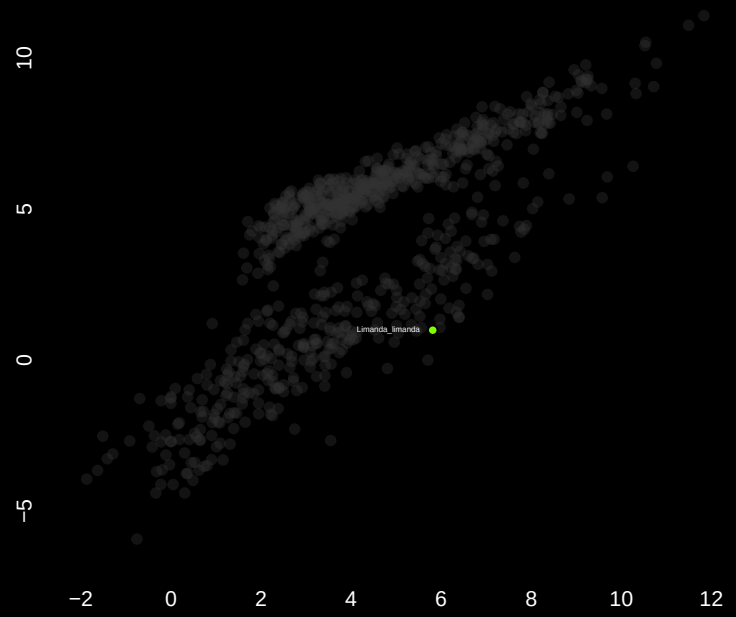
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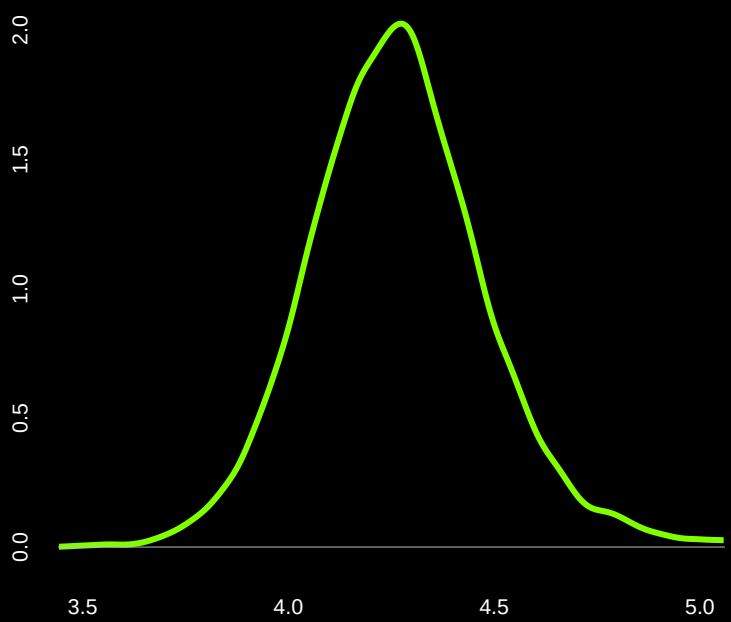
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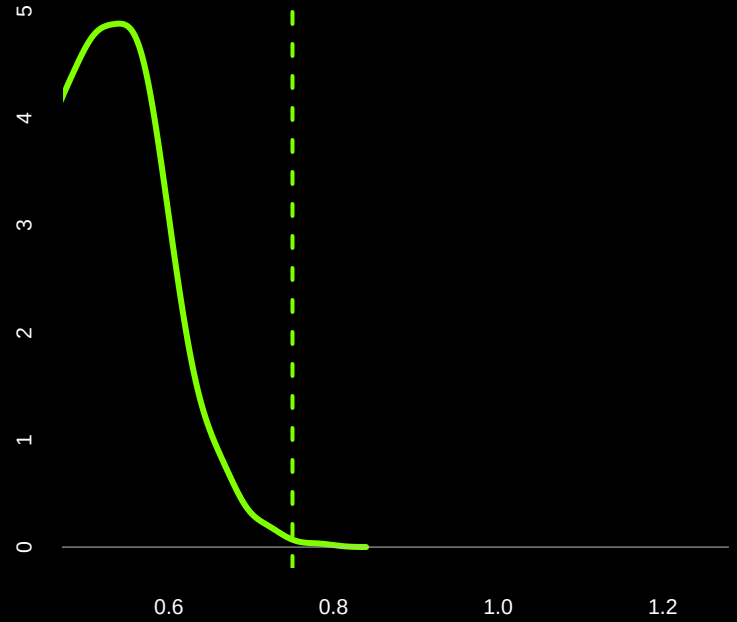
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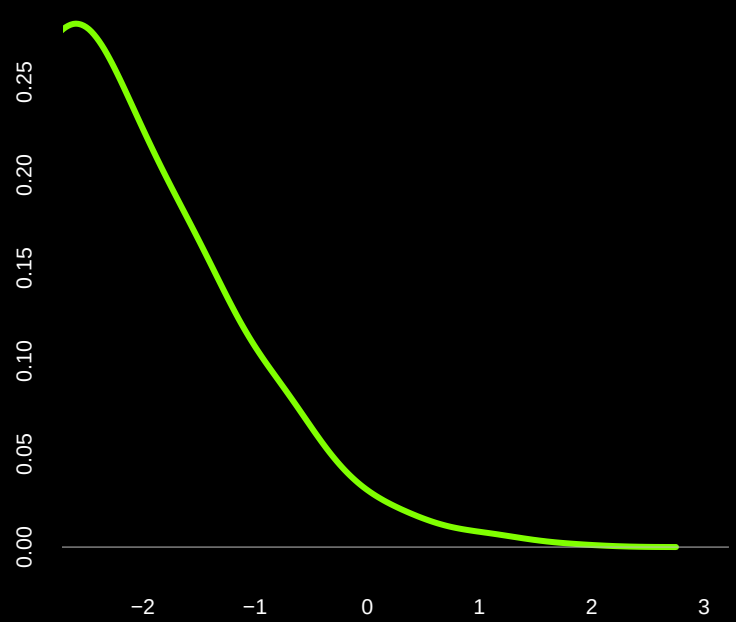
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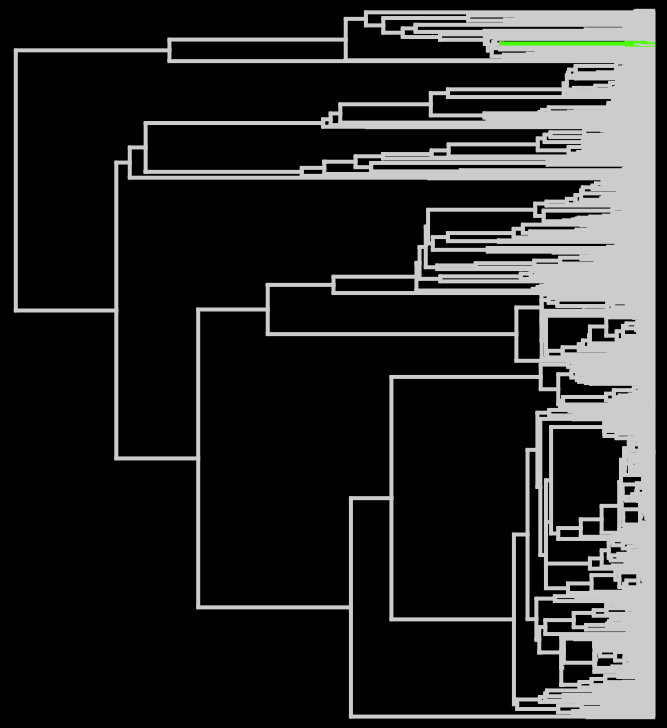

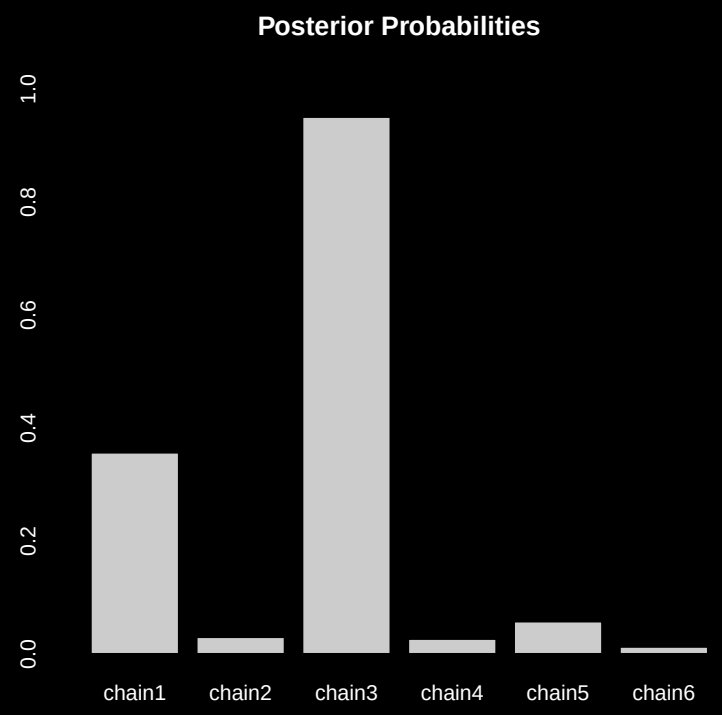
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chain1
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chain4
chain5
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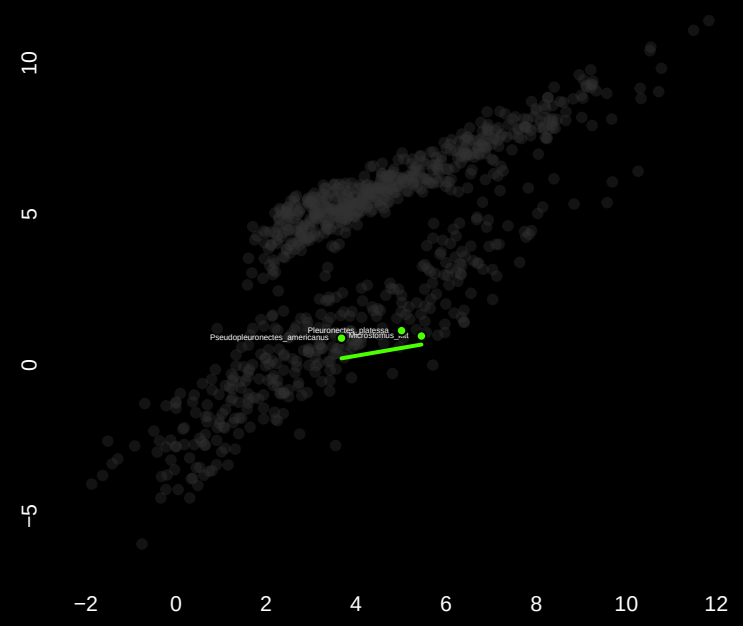
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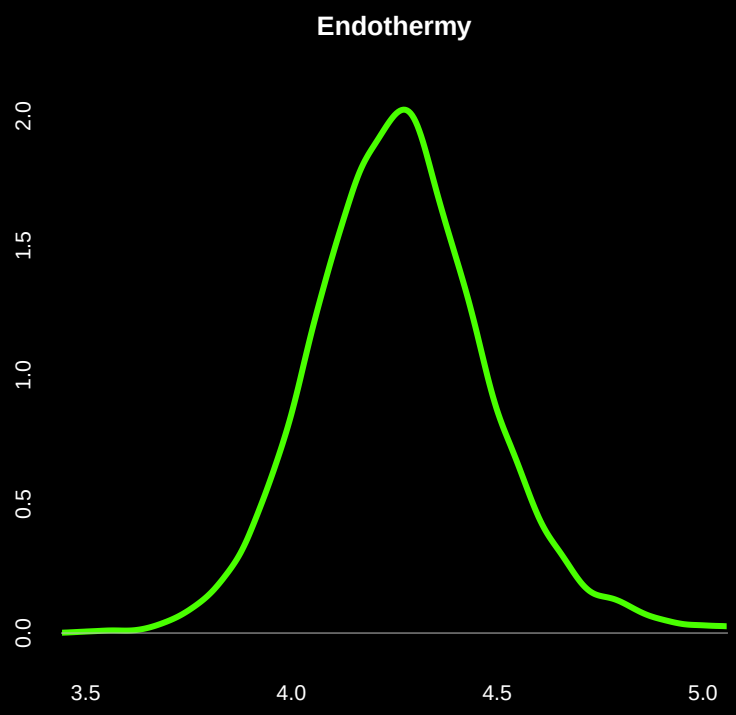
Pleuronectes_platessa
Pseudopleuronectes_americanus
Microstomus_kit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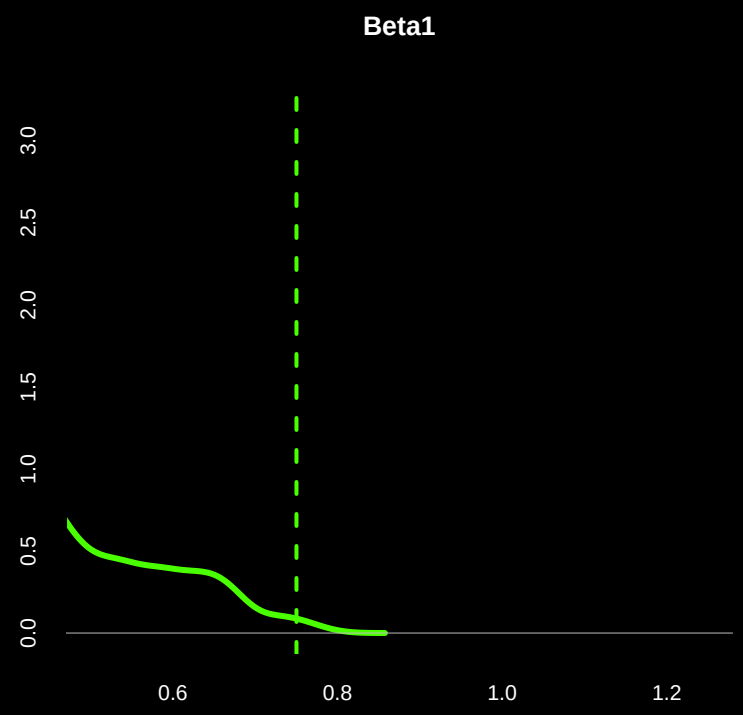
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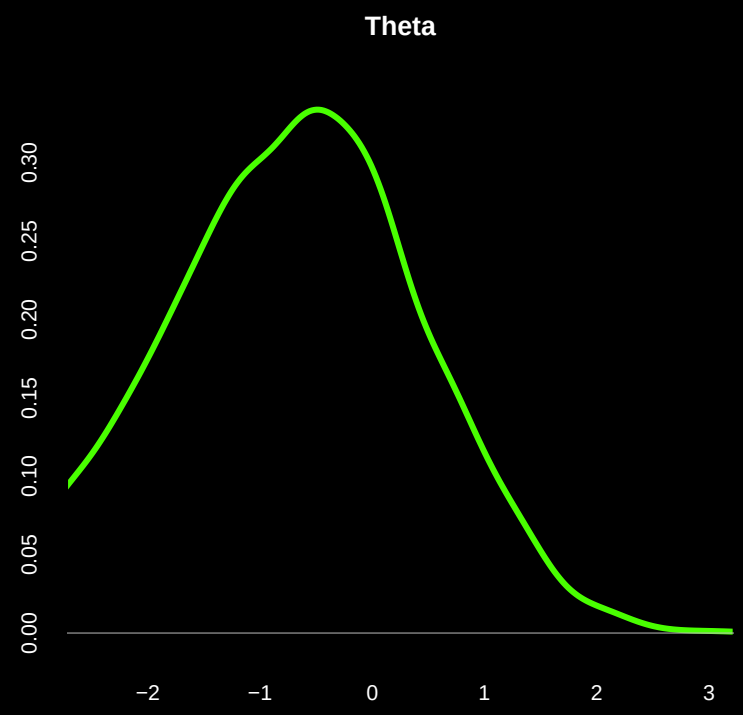
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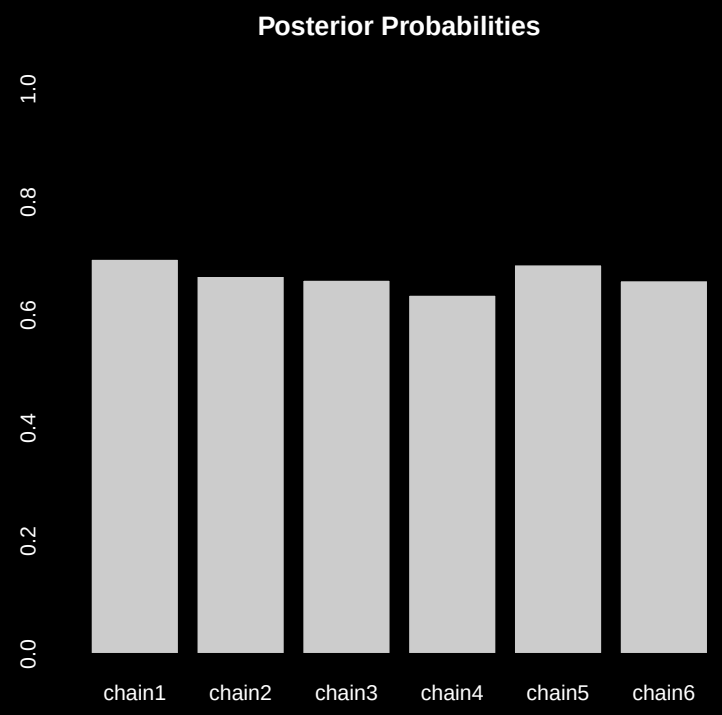
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chain1
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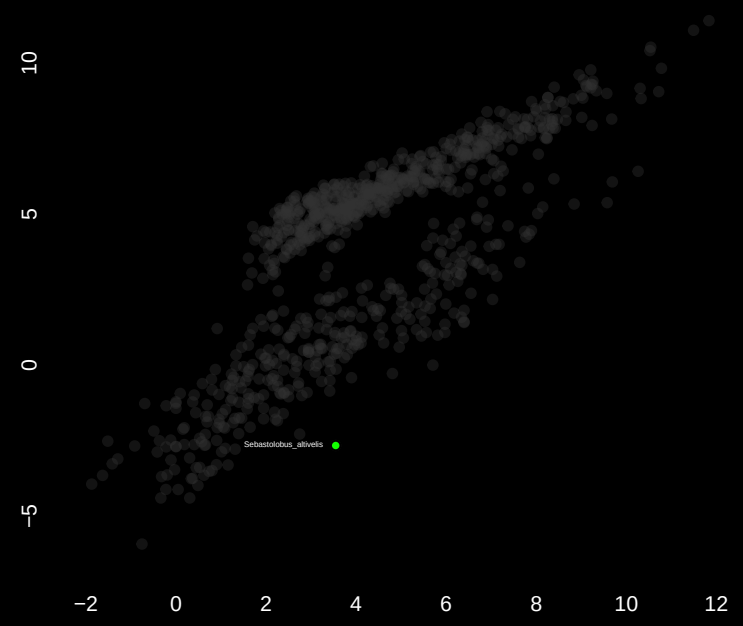
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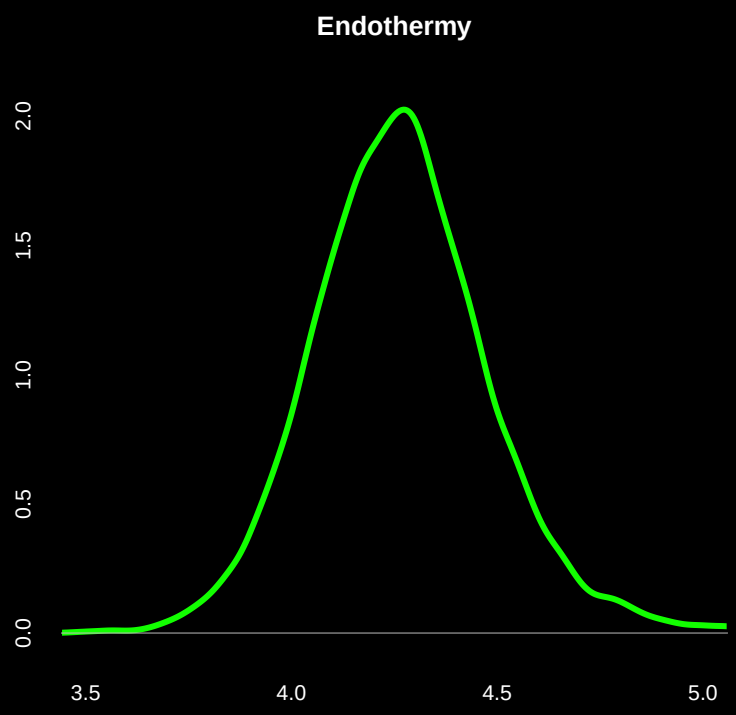
Sebastolobus_altivelis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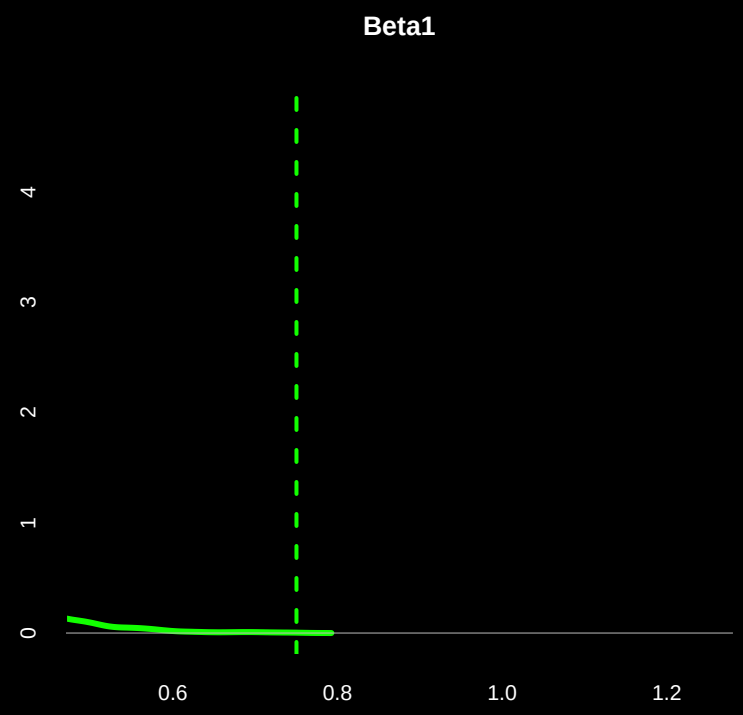
Beta1
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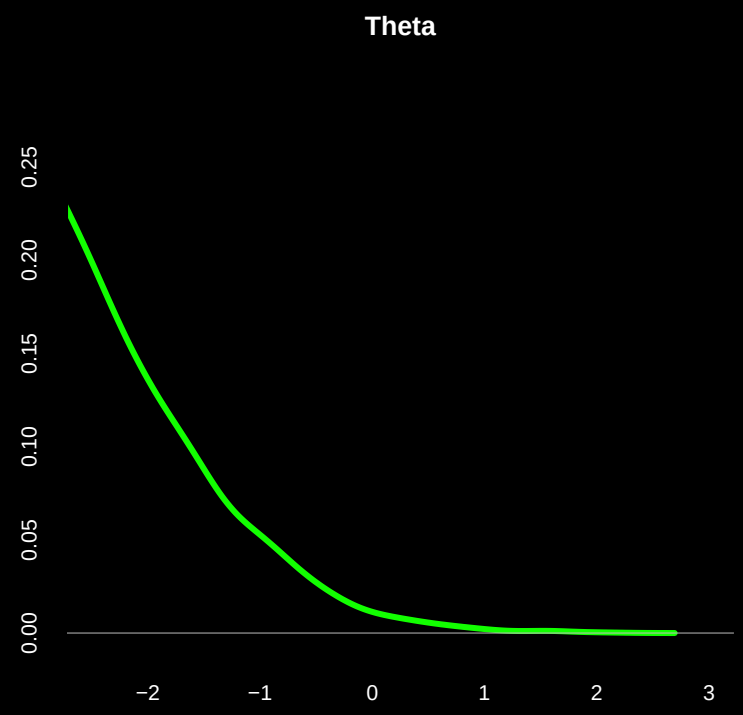
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0.00
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2
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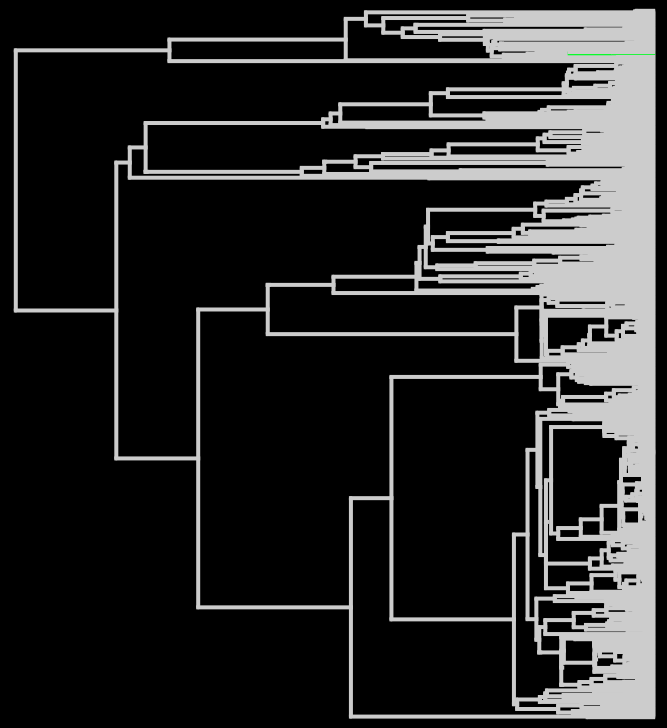

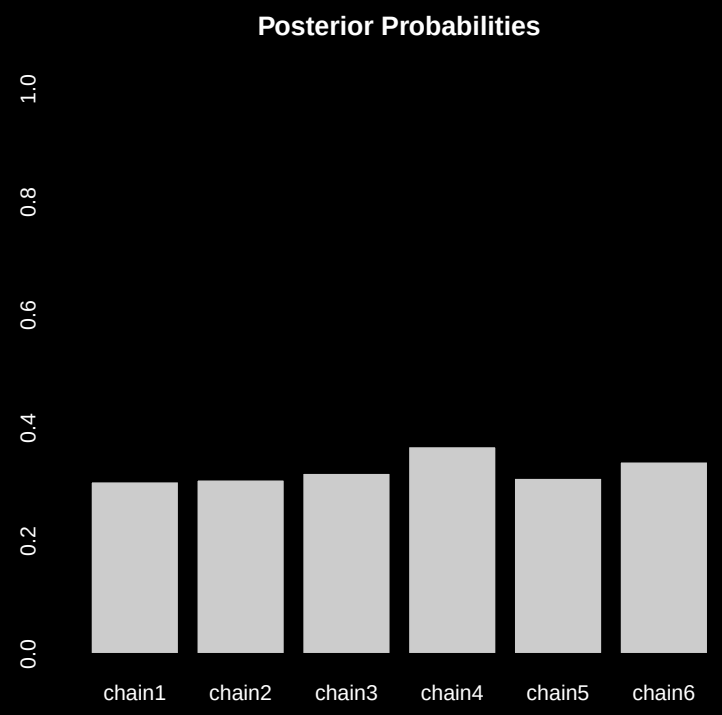
Posterior Probabilities
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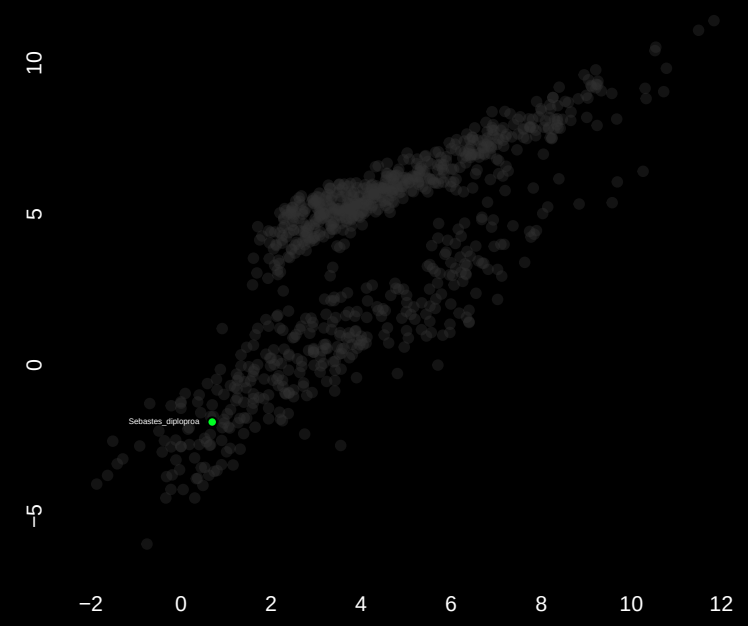
0.2
0.0
chain1
chain2
chain3
chain4
chain5
chain6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Sebastes_diploproa
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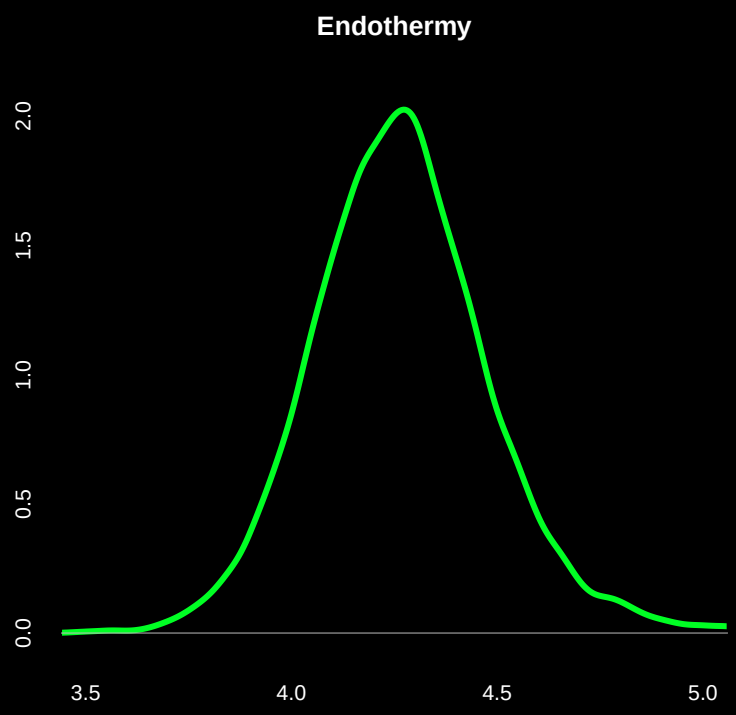
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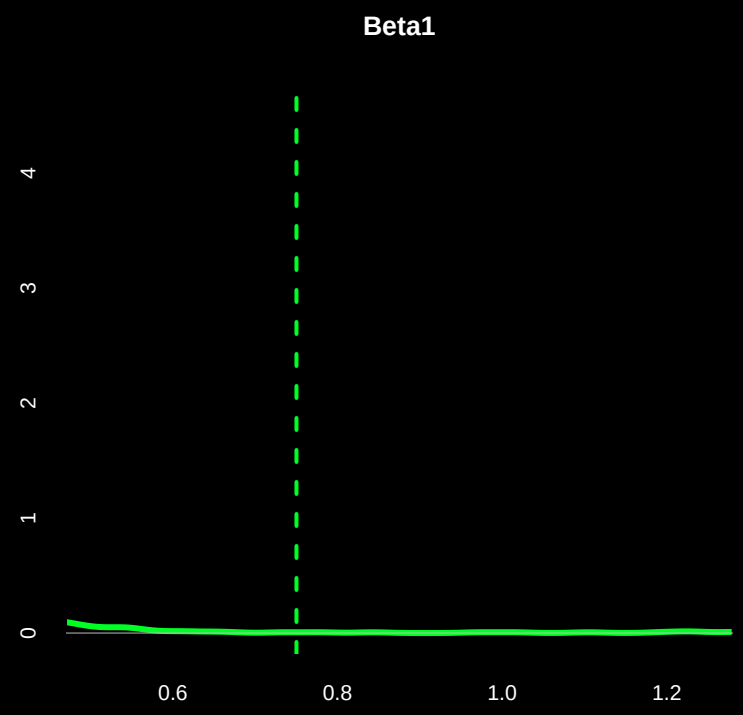
Beta1
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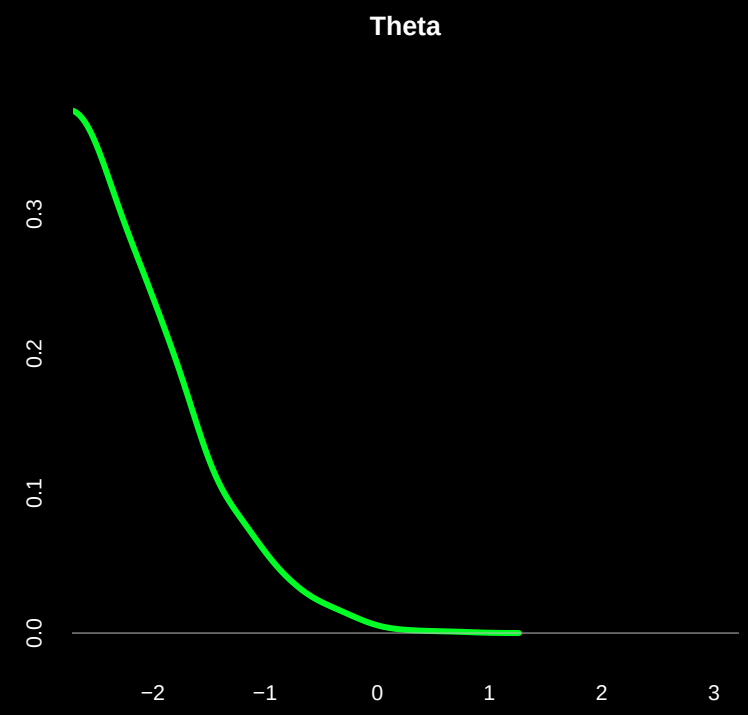
1.2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0.0
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−1
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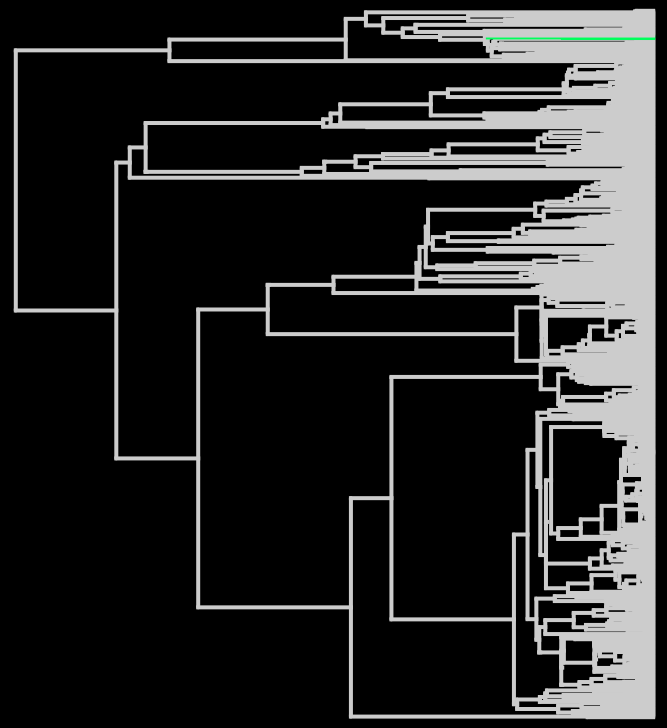
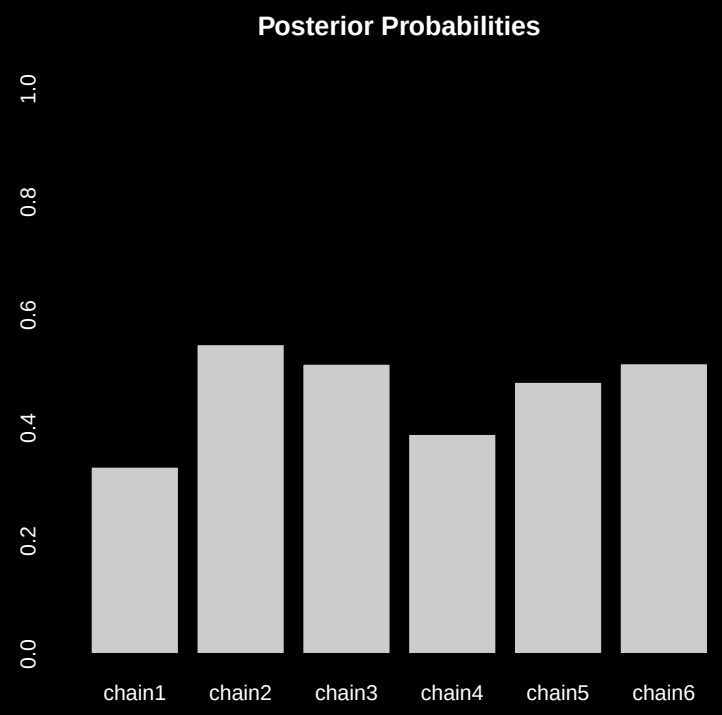
2
3




Posterior Probabilities
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0.4
0.2
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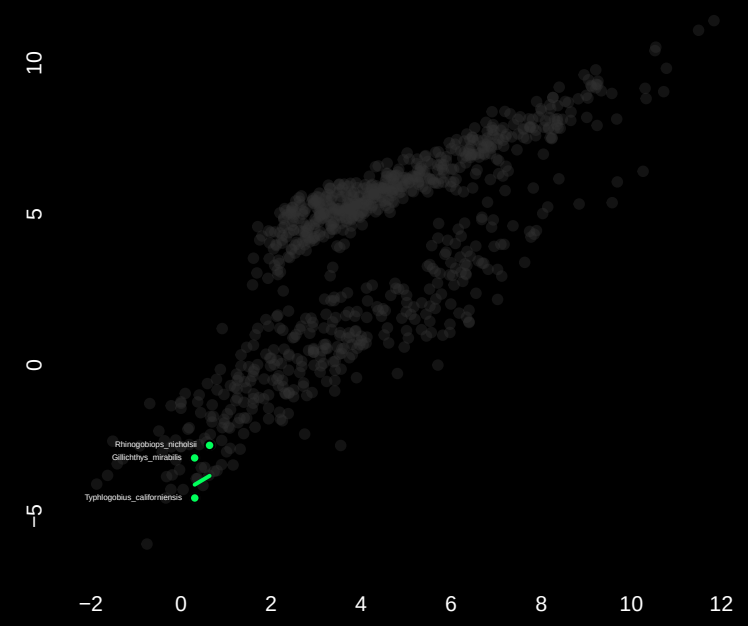
chain1
chain2
chain3
chain4
chain5
chain6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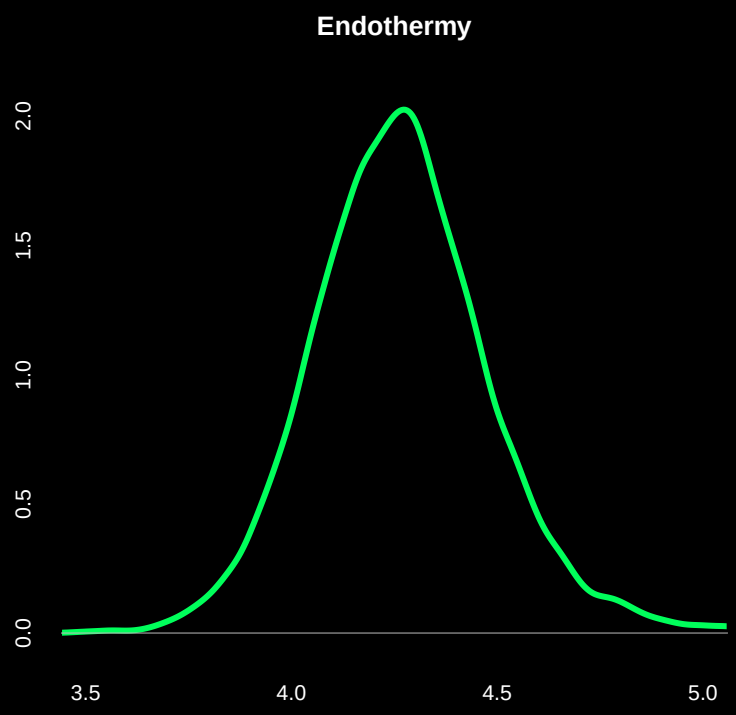
Gillichthys_mirabilis
Typhlogobius_californiensis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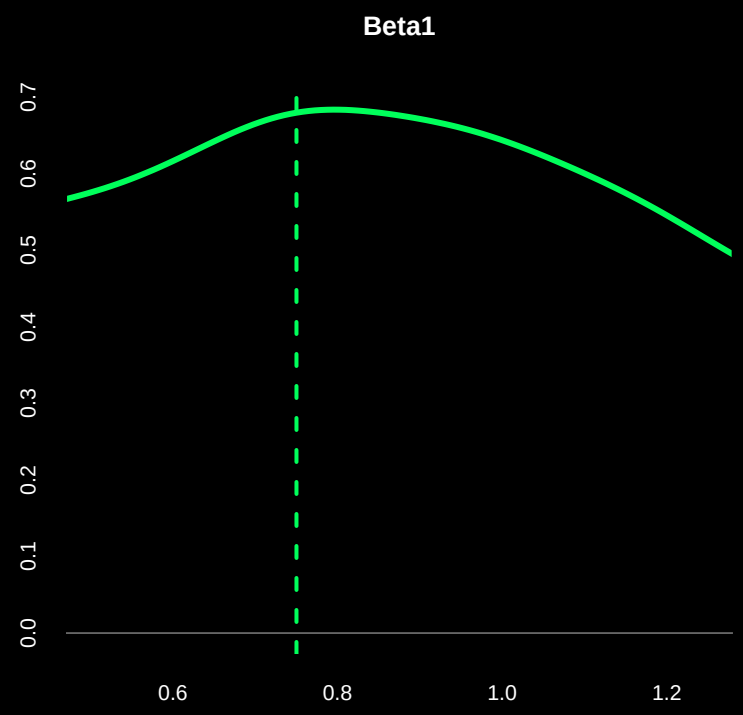
5.0


Beta1
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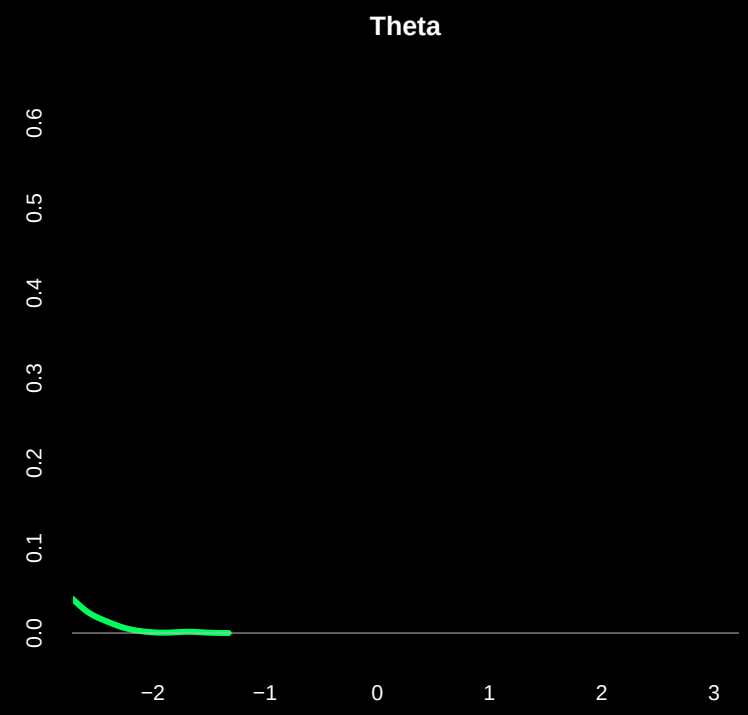
1.2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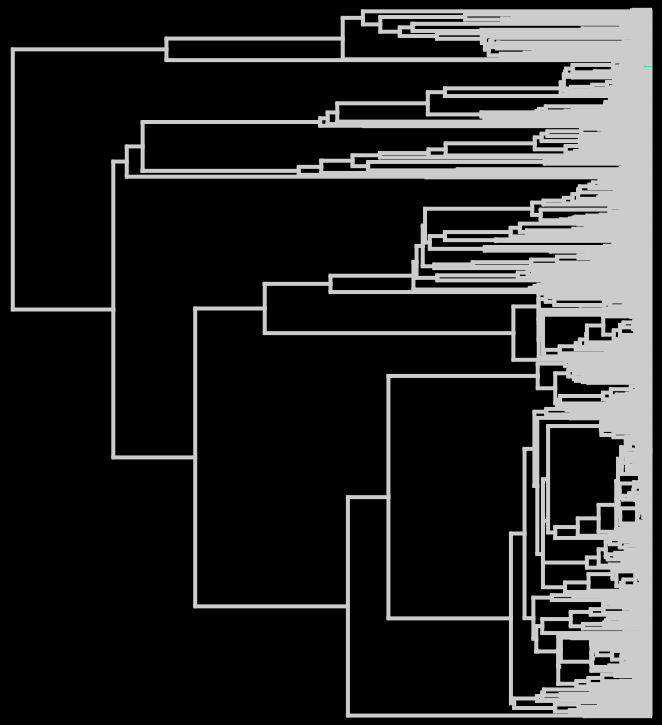
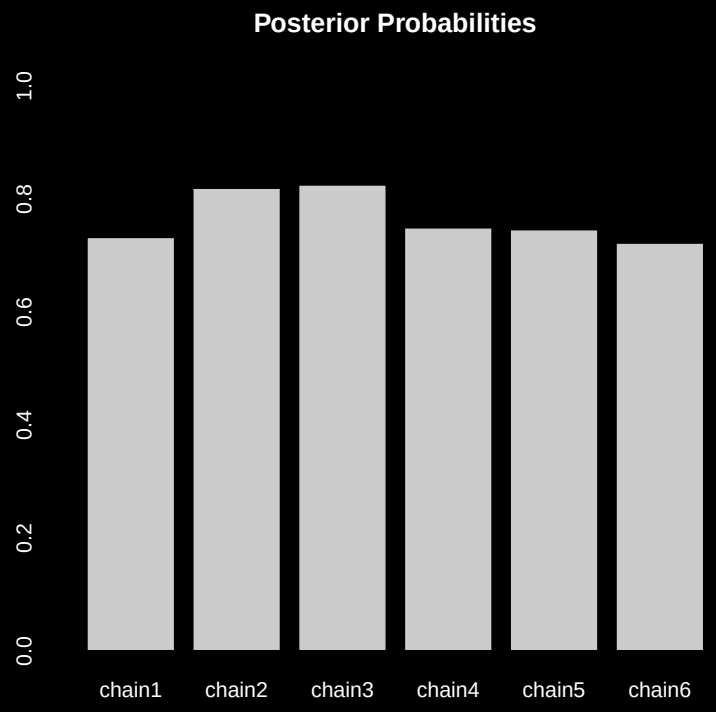
2
3




Posterior Probabilities
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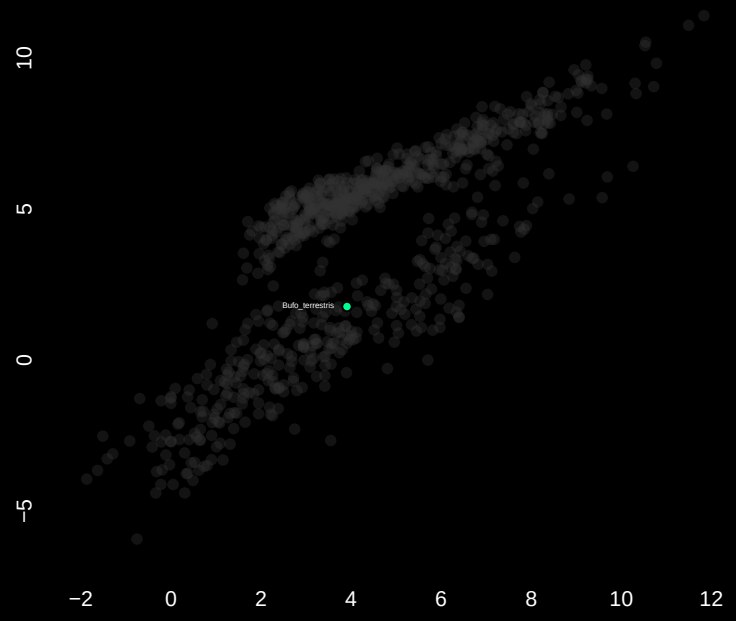
0.6
0.4
0.2
0.0
chain1
chain2
chain3
chain4
chain5
chain6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−5
−2
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2
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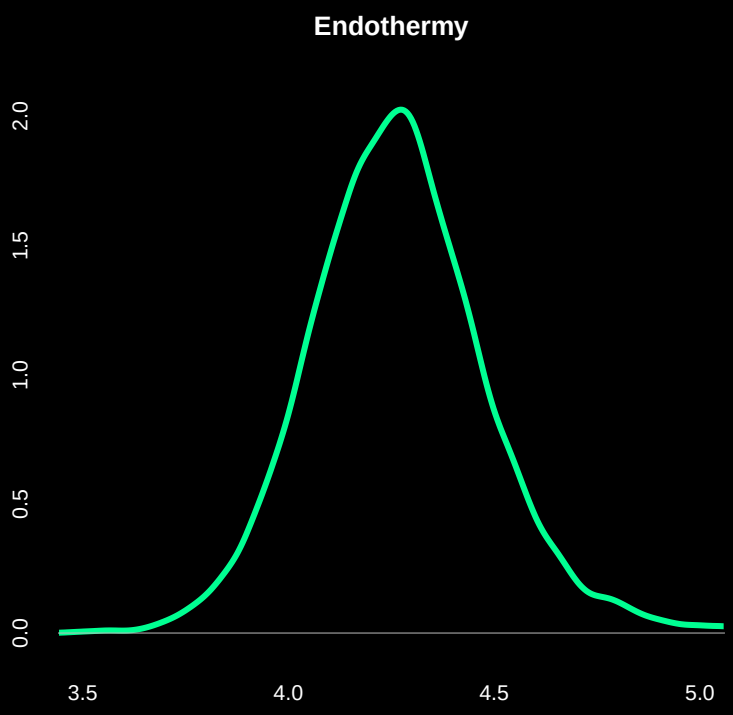
6
8
10
12


Endothermy
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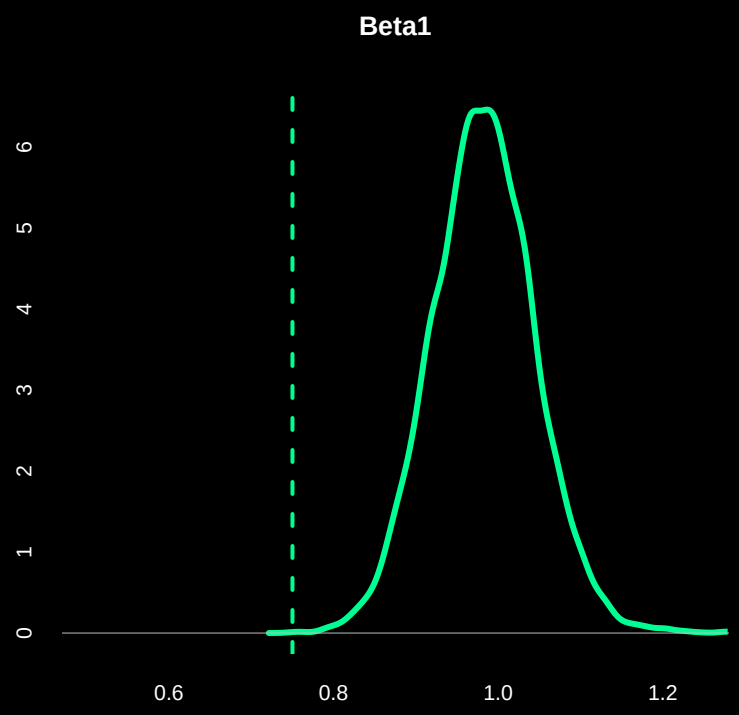
4.5
5.0


Beta1
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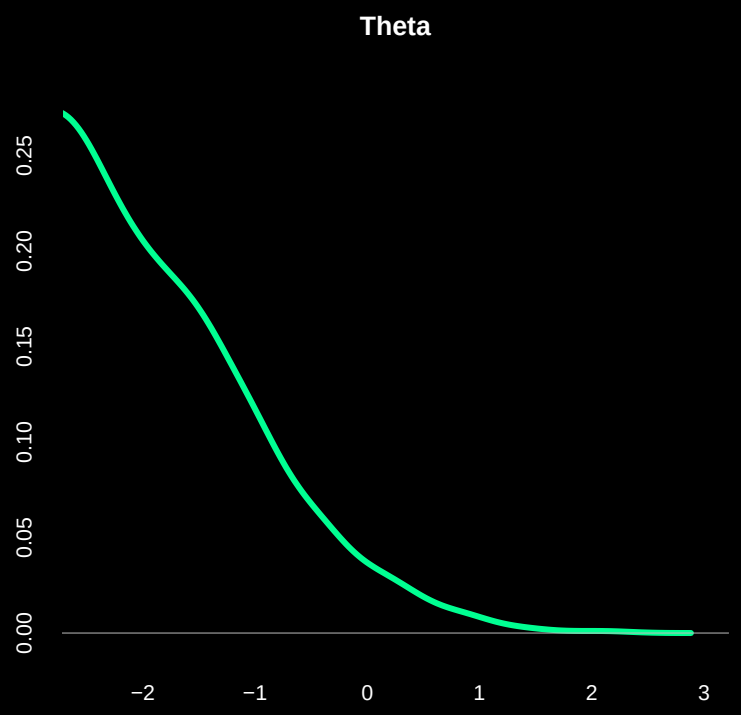
1.2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0.10
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0.00
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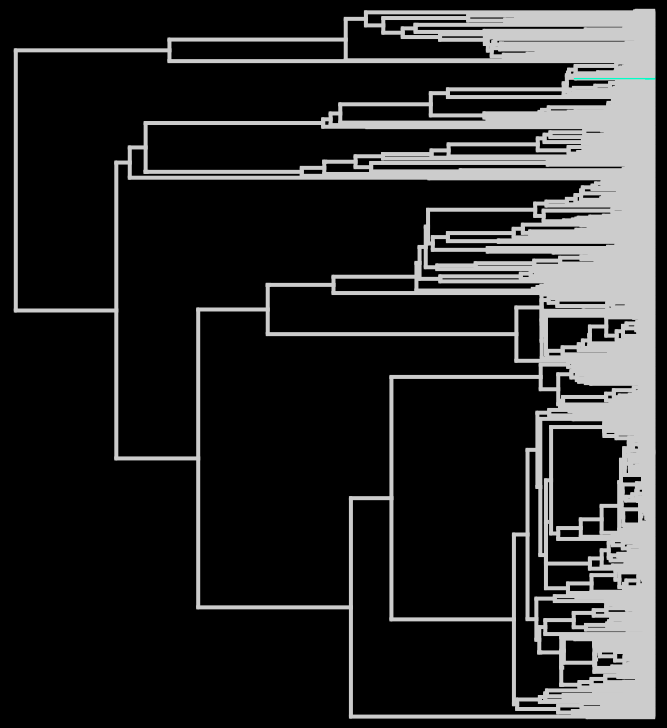
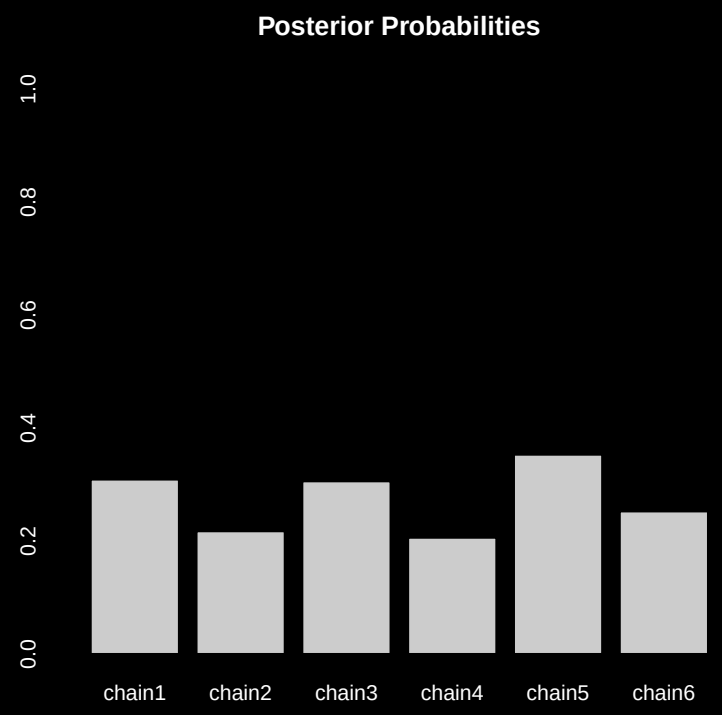
0
1
2
3




Posterior Probabilities
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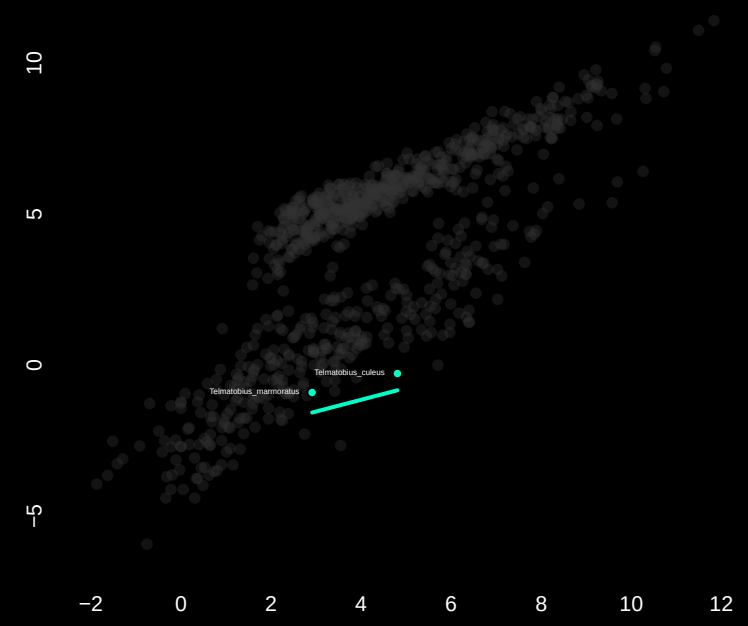
0.8
0.6
0.4
0.2
0.0
chain1
chain2
chain3
chain4
chain5
chain6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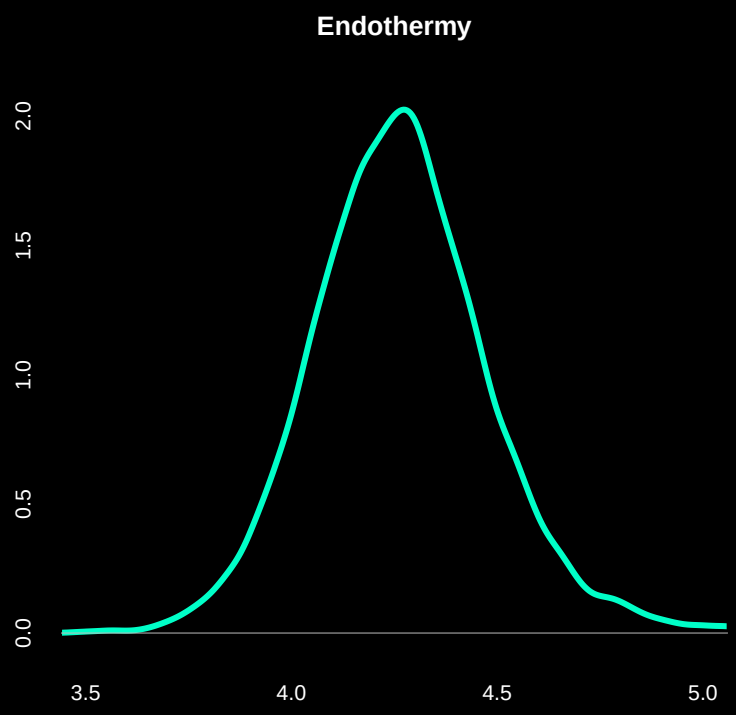
8
10
12
Telmatobius_culeus
Telmatobius_marmoratus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4.5
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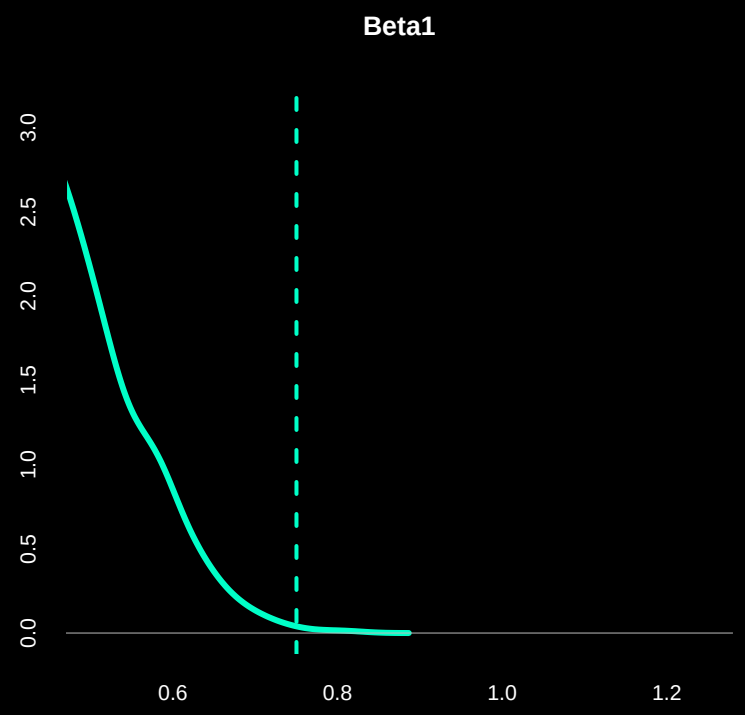
Beta1
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2.0
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1.0
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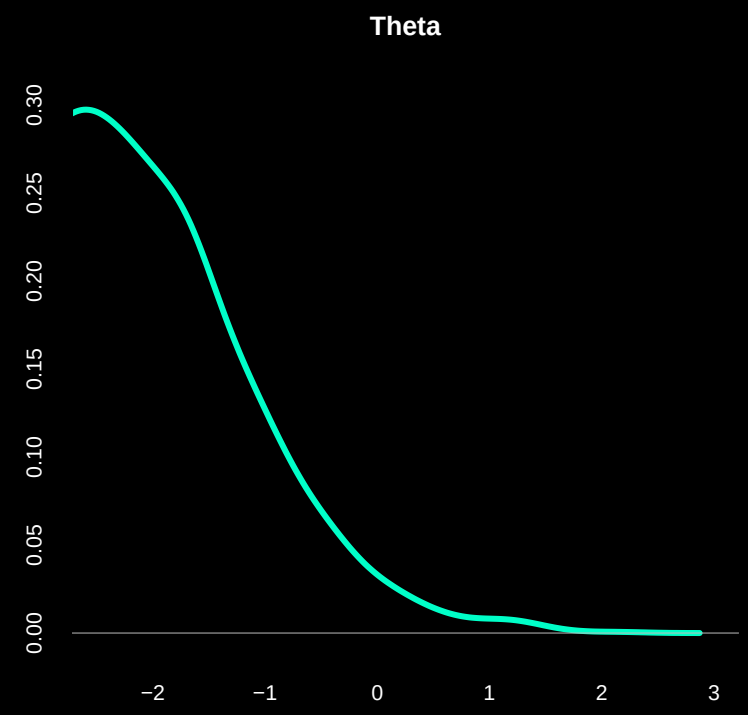
0.6
0.8
1.0
1.2


Theta
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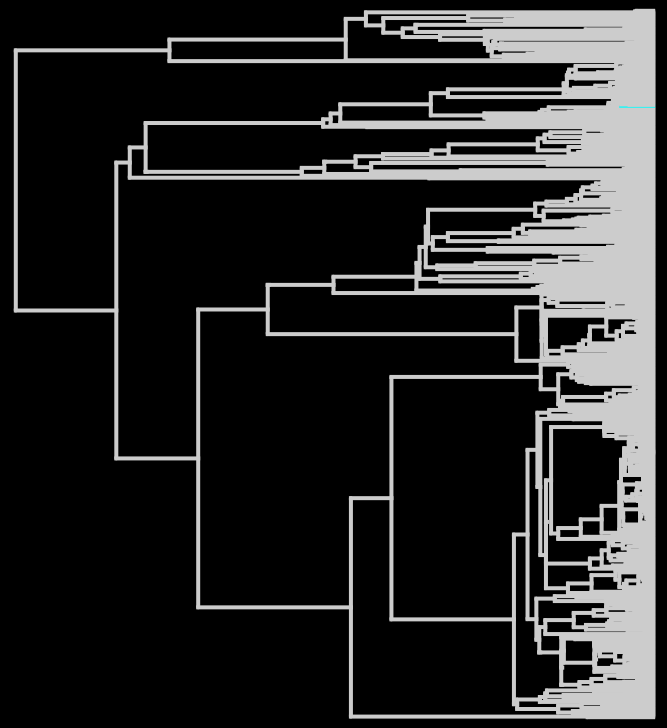
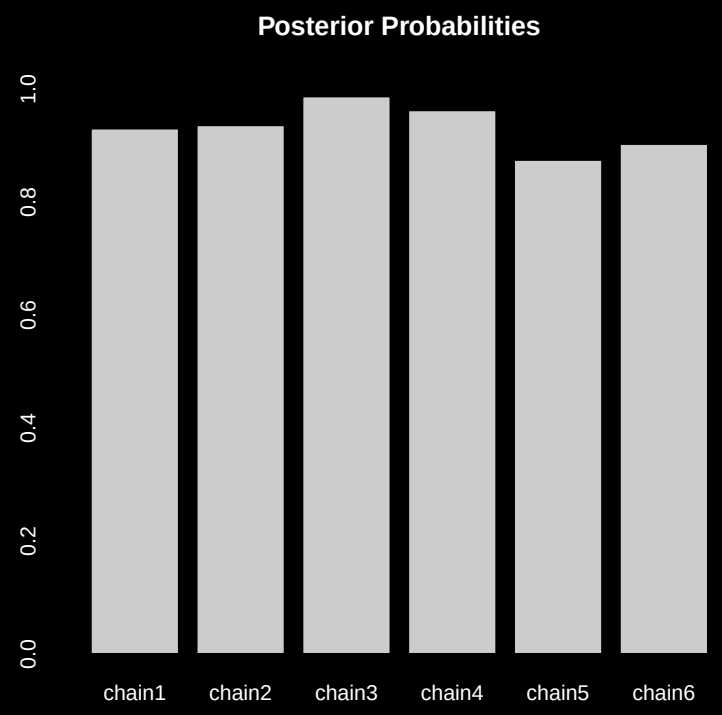
0.25
0.20
0.15
0.10
0.05
0.00
−2
−1
0
1
2
3




Posterior Probabilities
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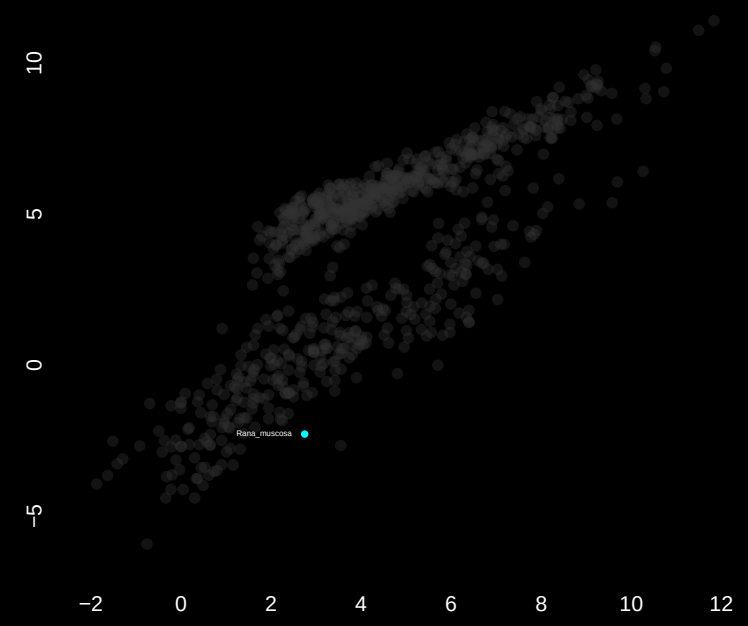
0.8
0.6
0.4
0.2
0.0
chain1
chain2
chain3
chain4
chain5
chain6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−2
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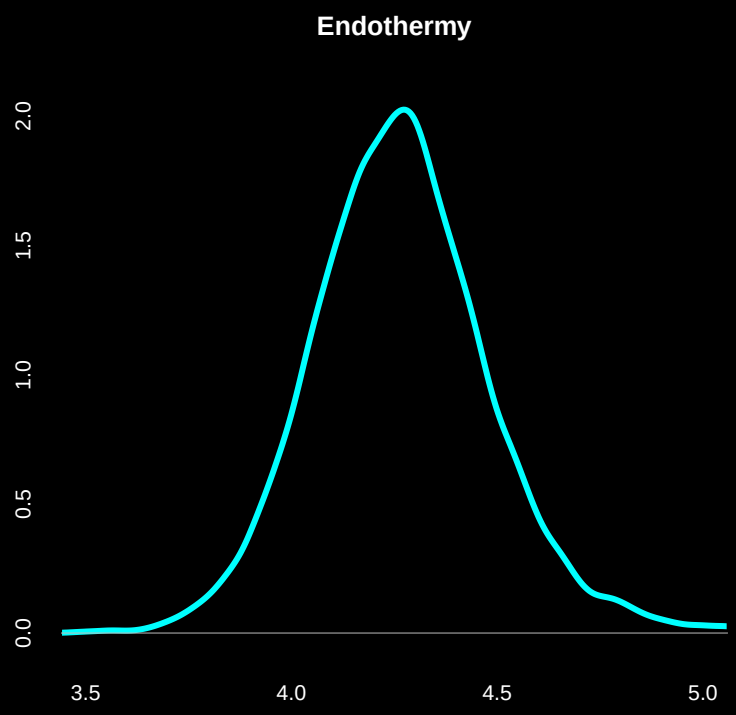
2
4
6
8
10
12
Rana_muscosa


Endothermy
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1.0
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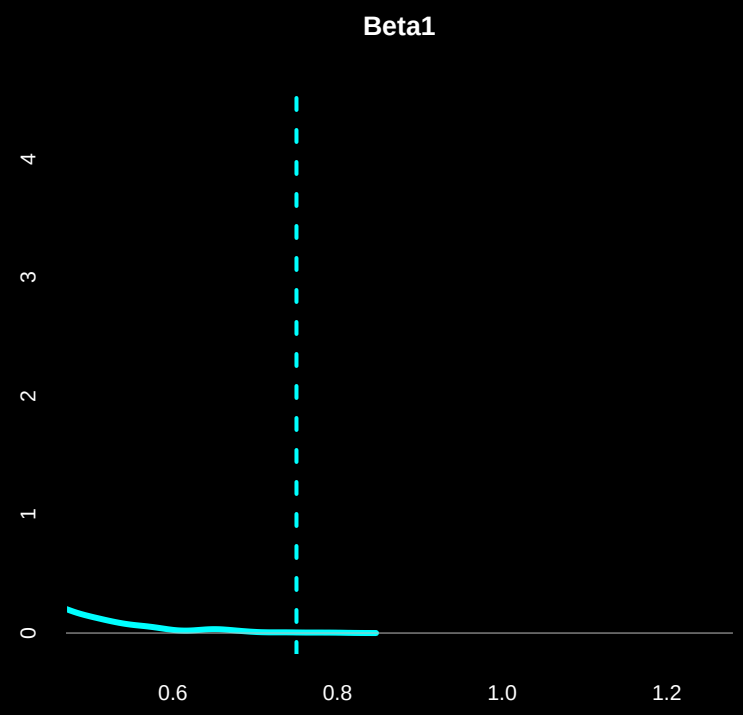
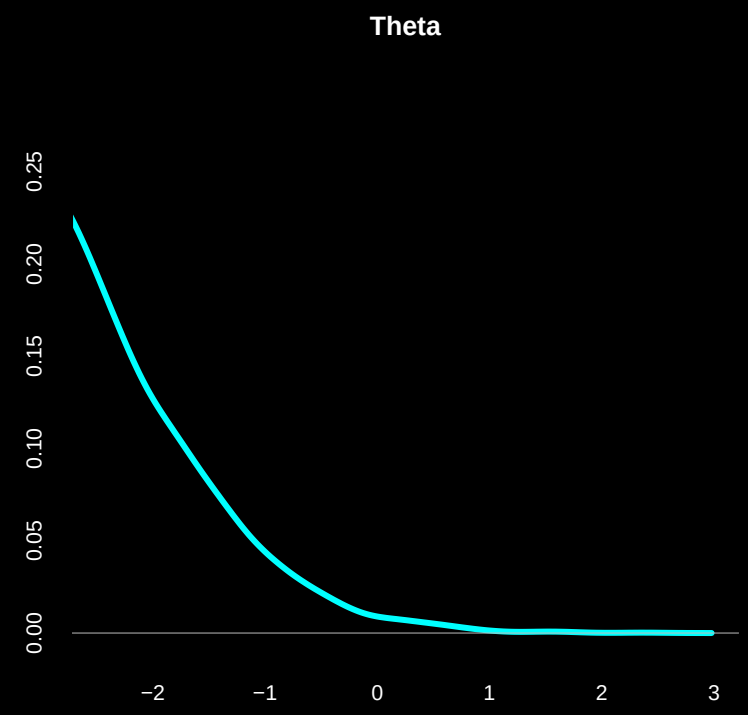
0.0
3.5
4.0
4.5
5.0


Beta1
4
3
2
1
0
0.6
0.8
1.0
1.2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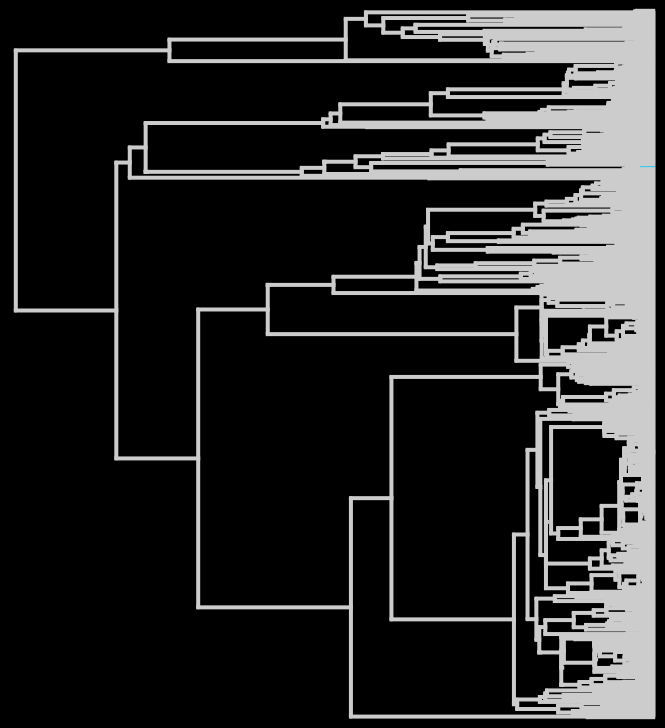

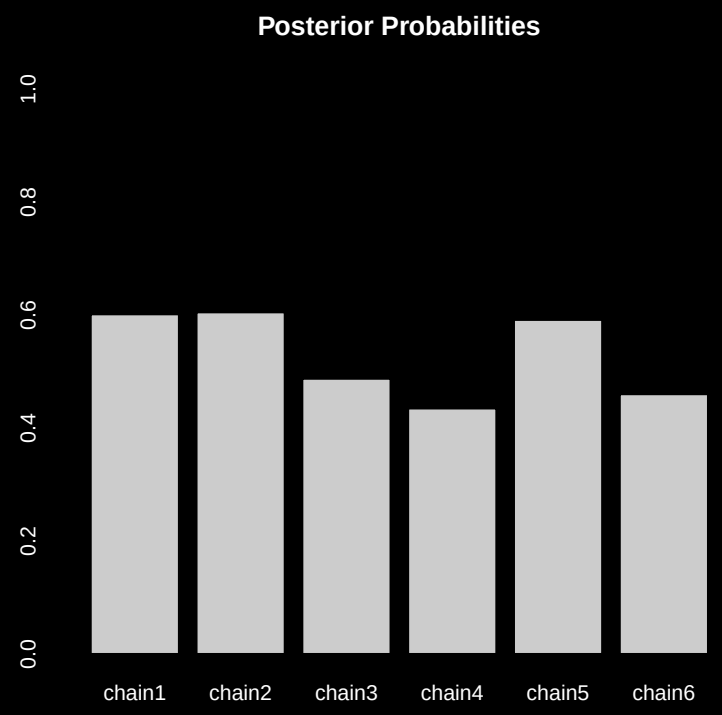
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chain1
chain2
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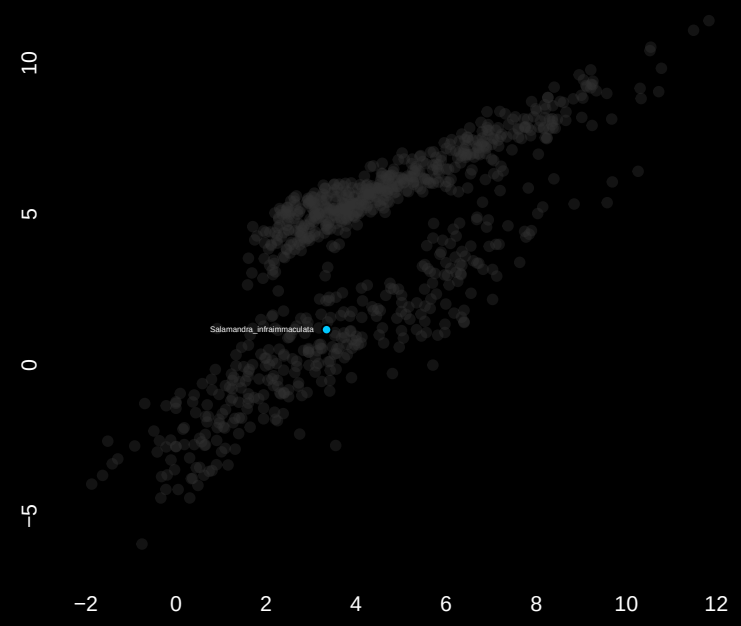
chain4
chain5
chain6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Salamandra_infraimmaculata
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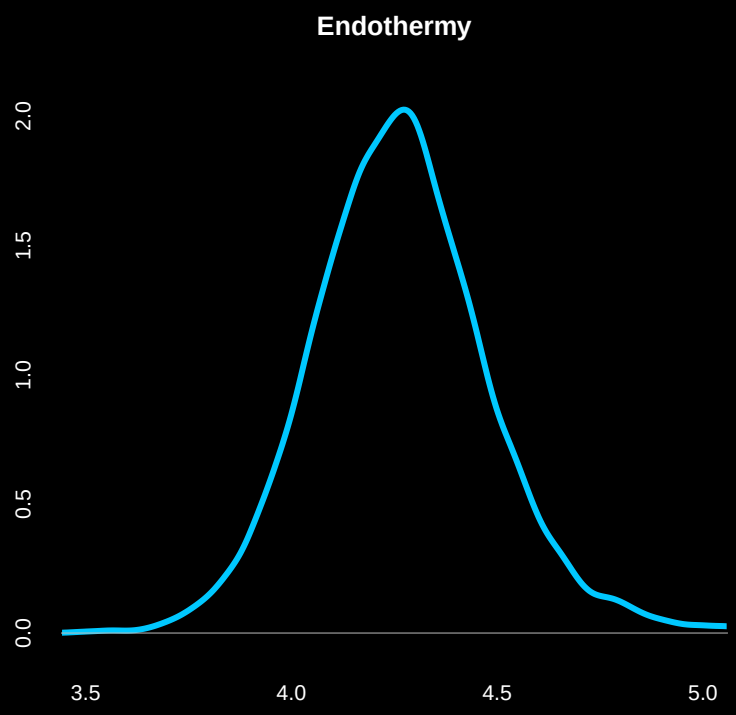
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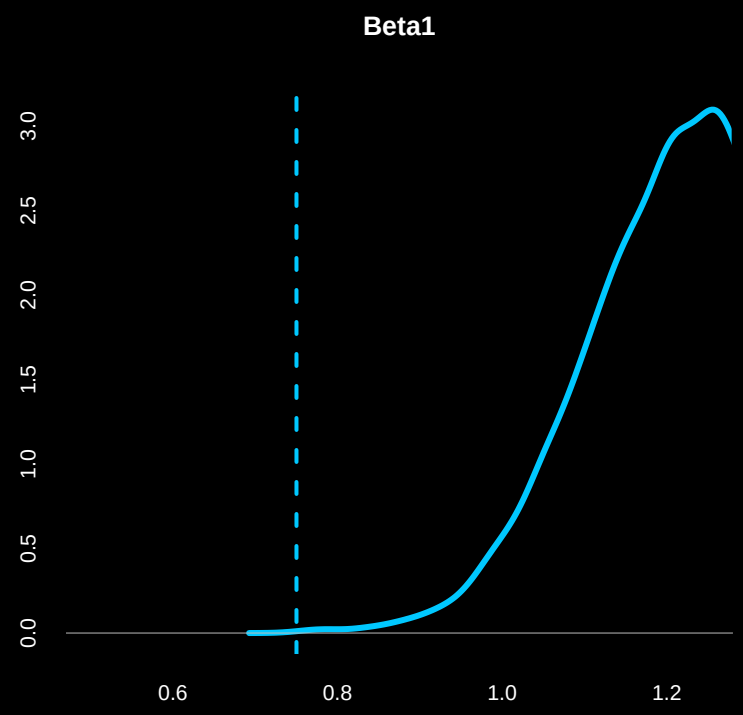
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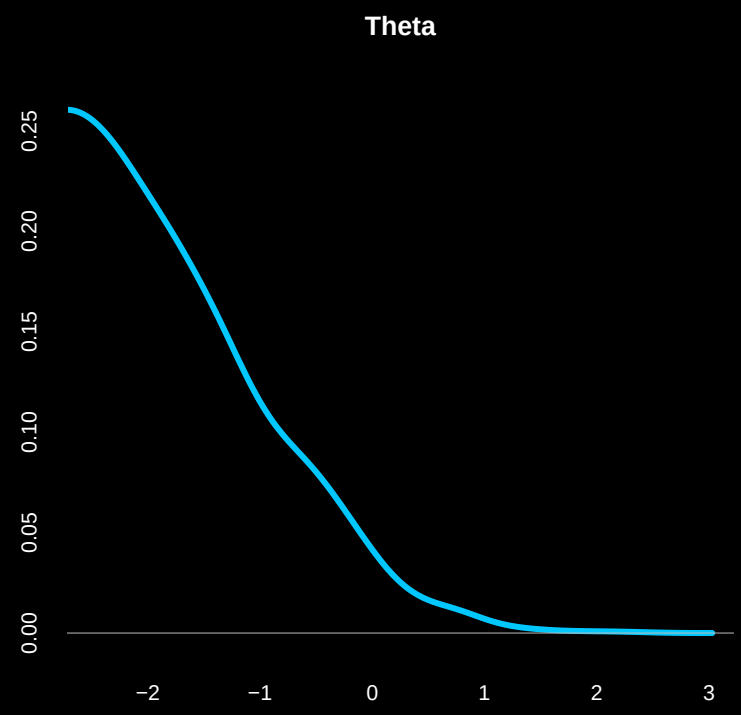
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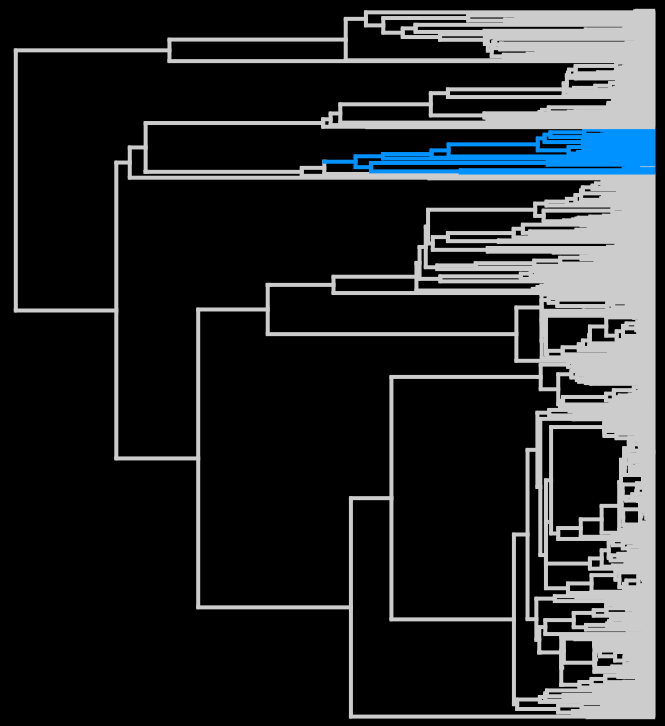

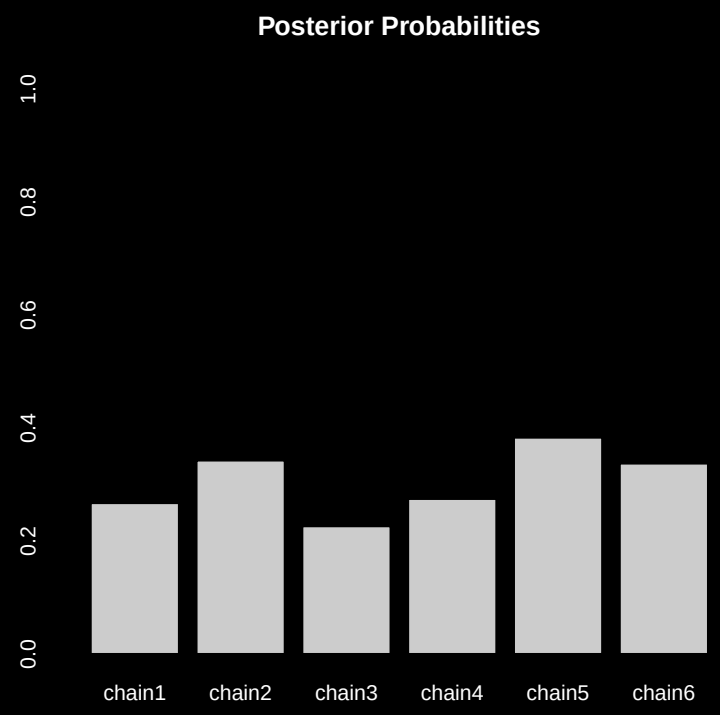
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chain1
chain2
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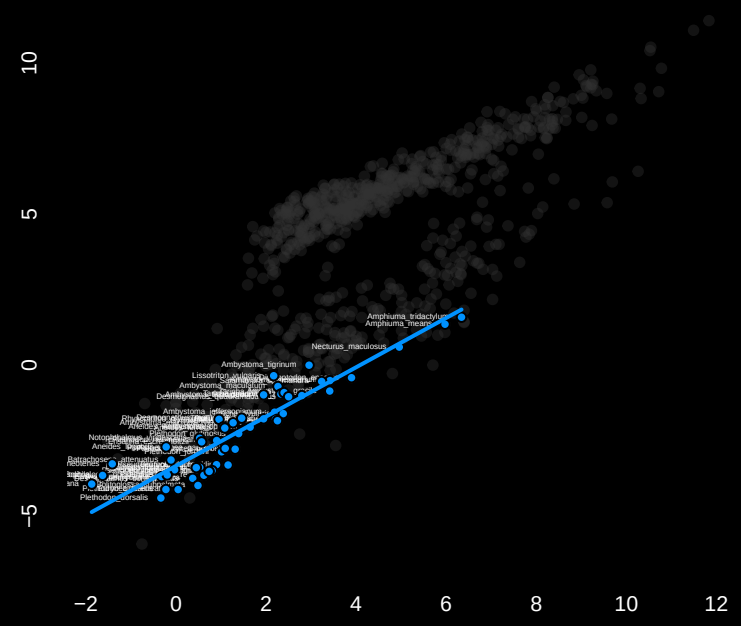
chain4
chain5
chain6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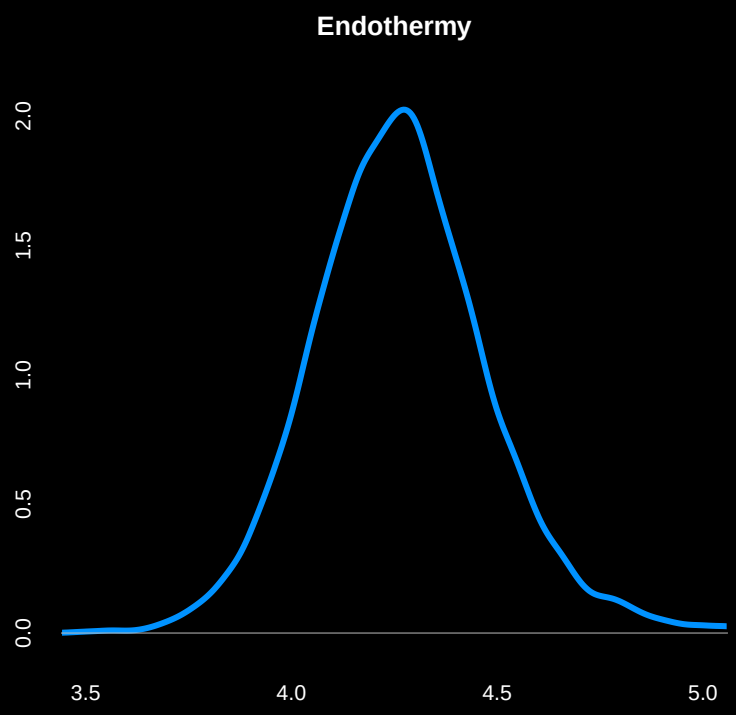
Amphiuma_tridactylum
Amphiuma_means
Necturus_maculosus
Ambystoma_tigrinum
Plethodon_dorsalis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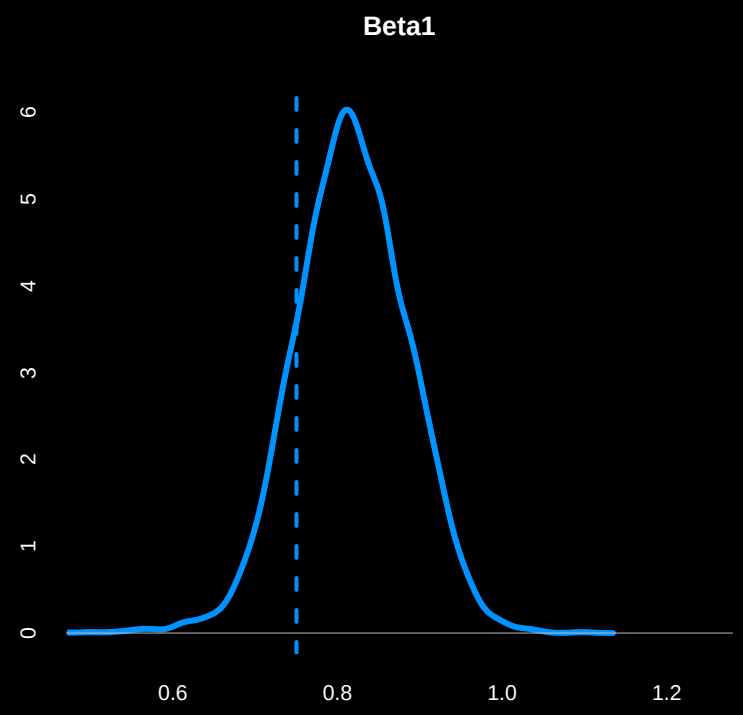
5.0


Beta1
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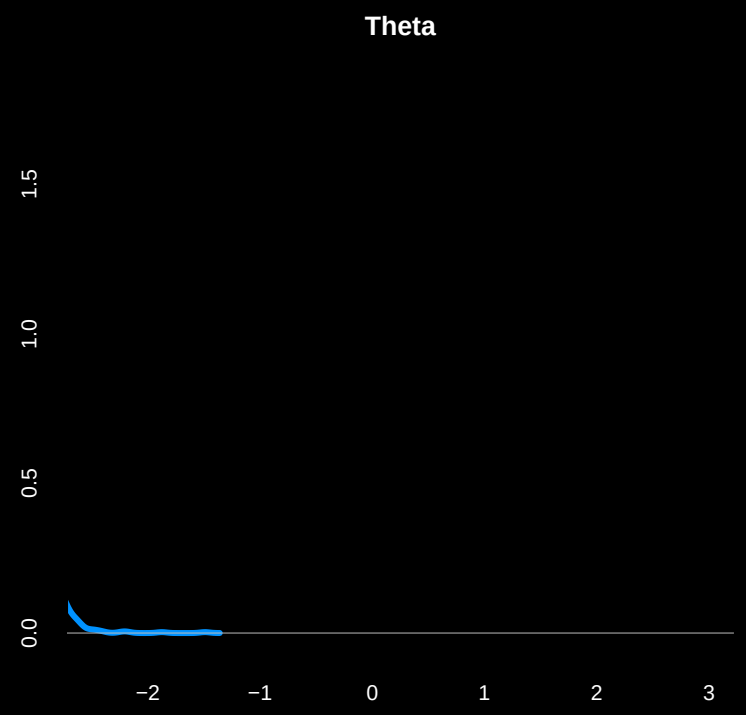
0.6
0.8
1.0
1.2


Theta
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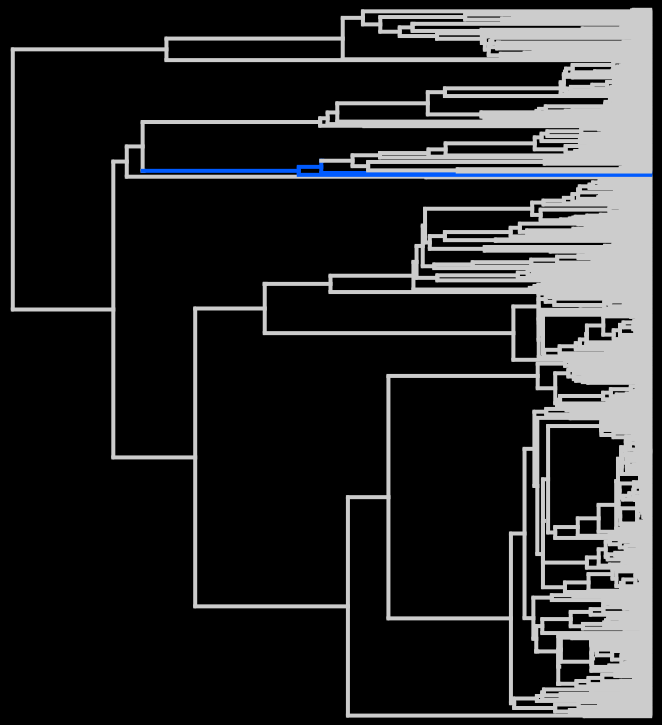
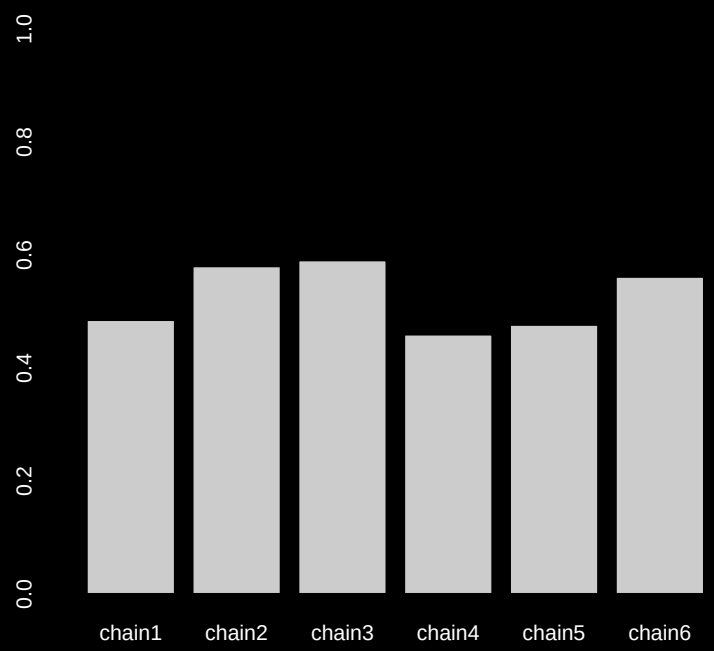
1.0
0.5
0.0
−2
−1
0
1
2
3

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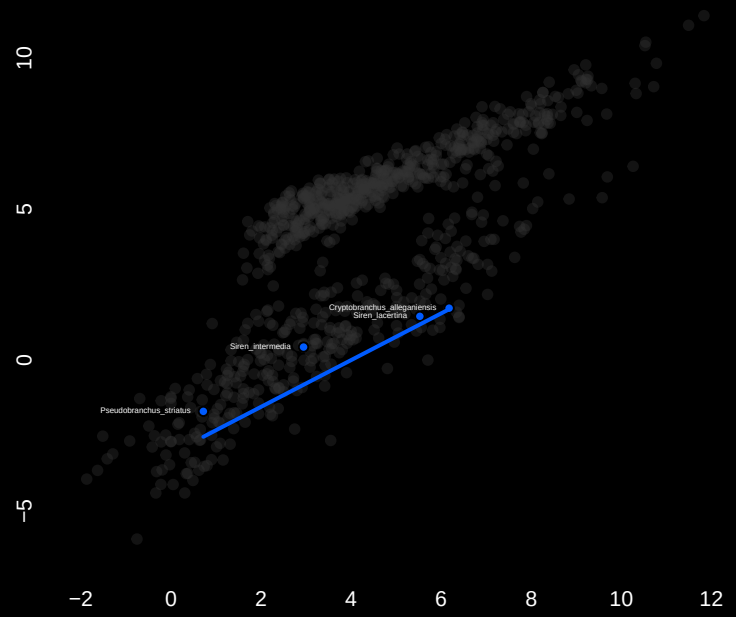
0.6
0.4
0.2
0.0
chain1
chain2
chain3
chain4
chain5
chain6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10
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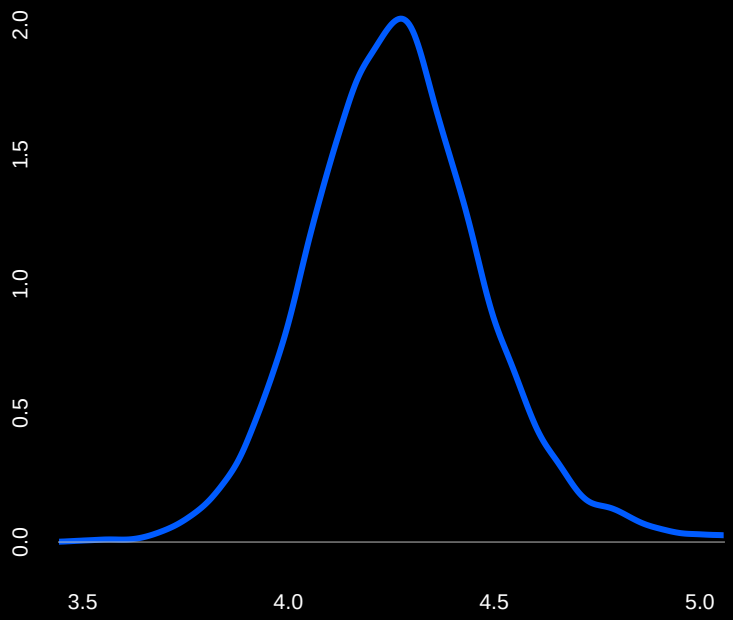
Siren_lacertina
Siren_intermedia
Pseudobranchus_striatus


Endothermy
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0.0
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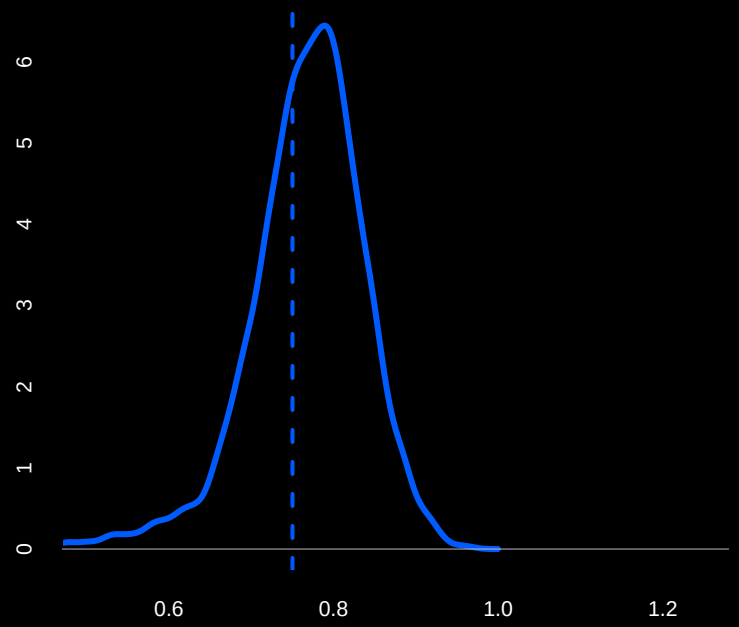
4.5
5.0


Beta1
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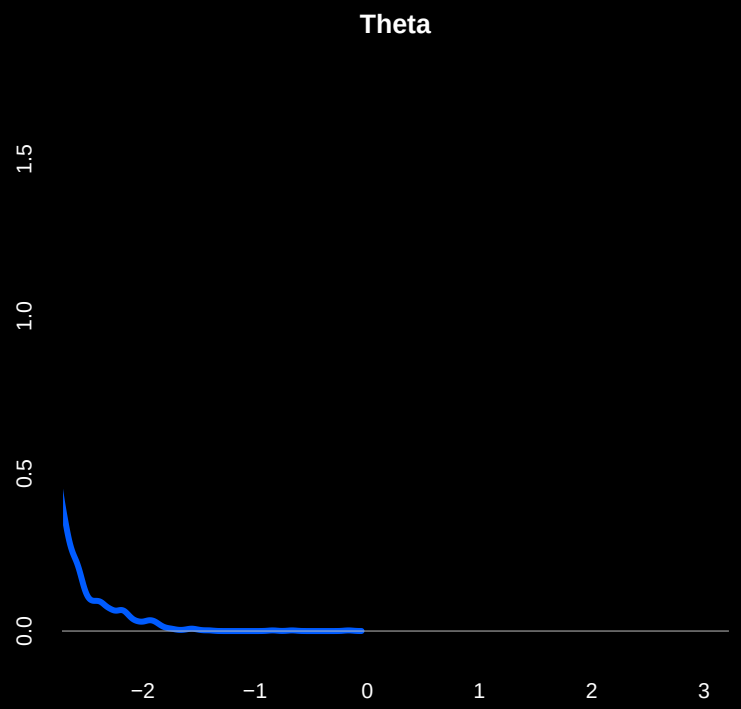
0.8
1.0
1.2


Theta
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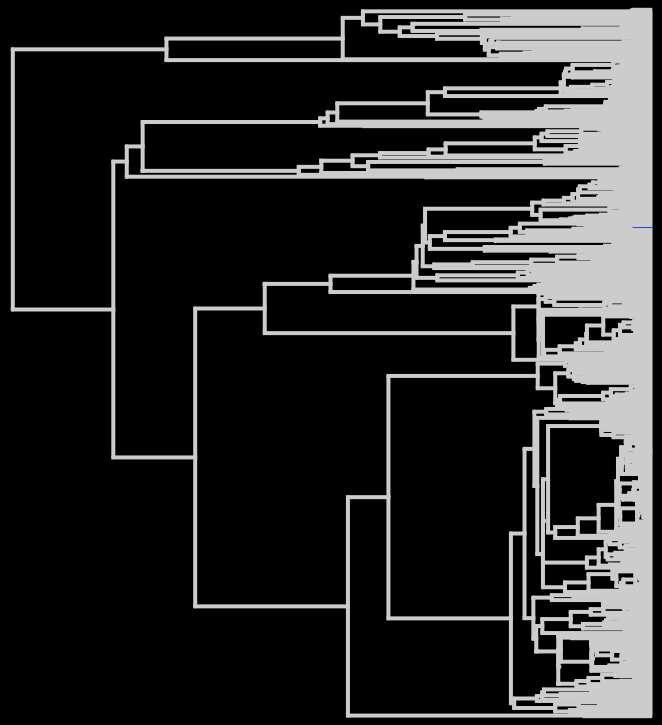
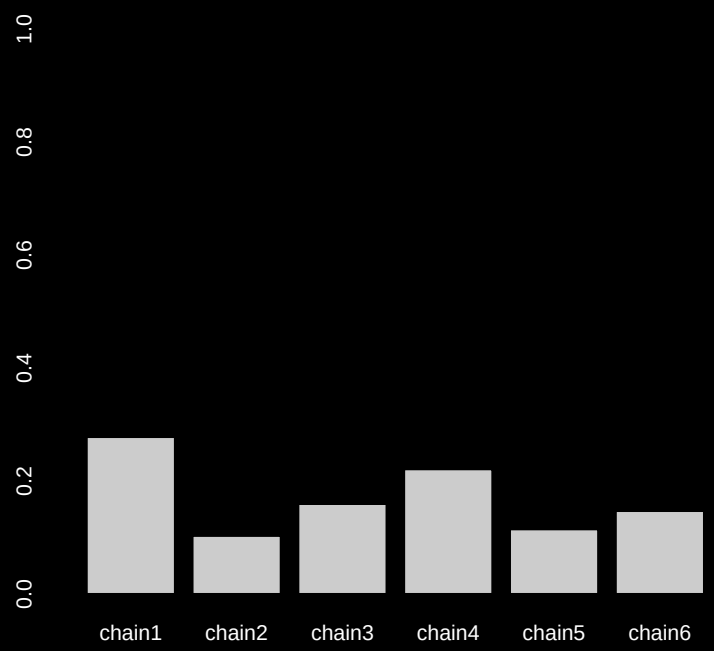
1.0
0.5
0.0
−2
−1
0
1
2
3




Posterior Probabilities
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chain1
chain2
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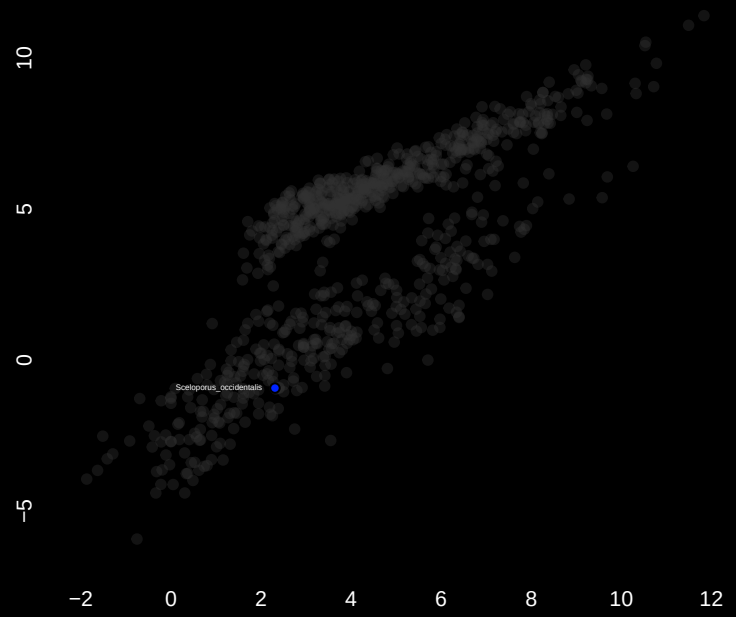
chain6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Sceloporus_occidentalis
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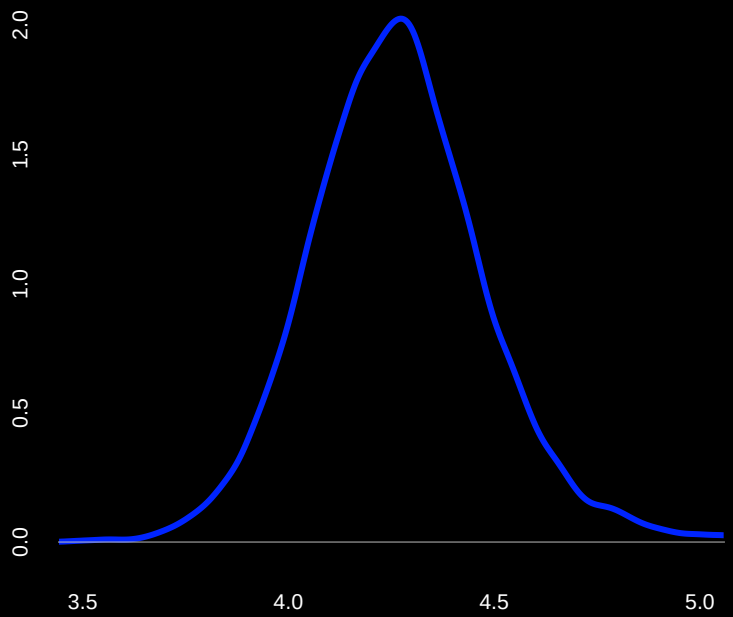
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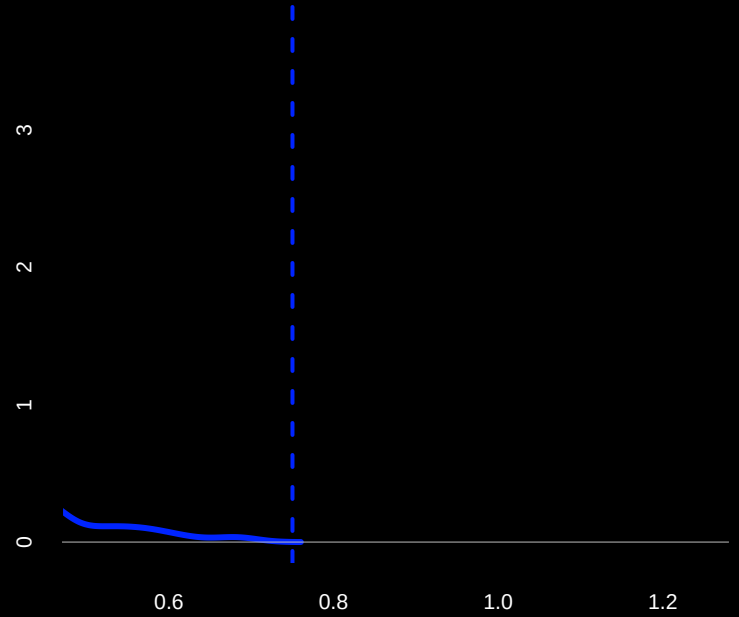
Beta1
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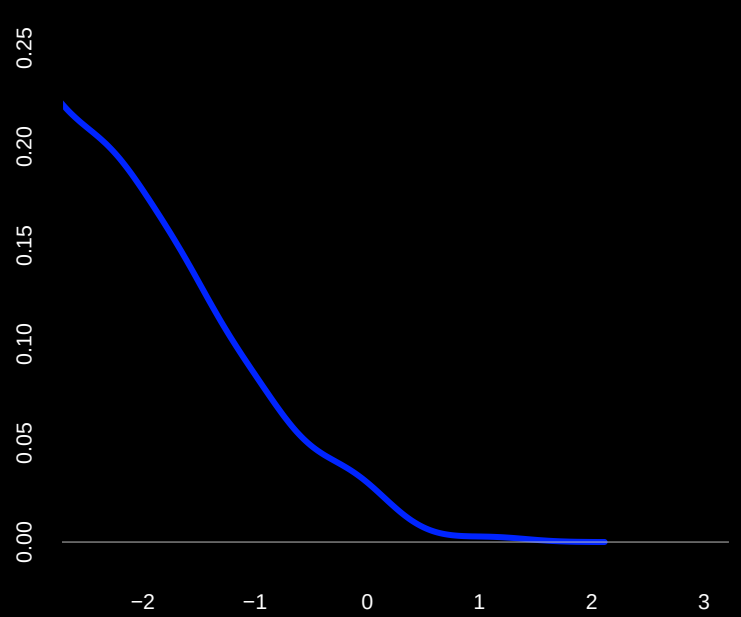
1.2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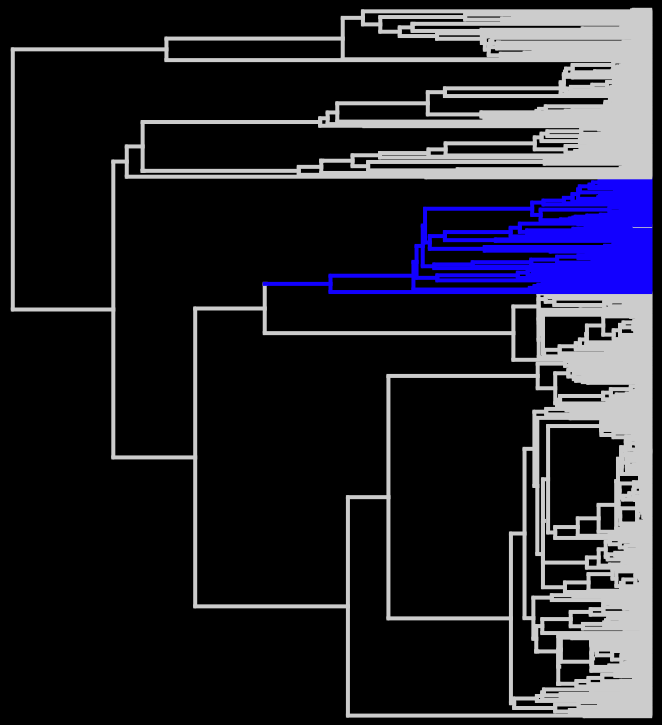

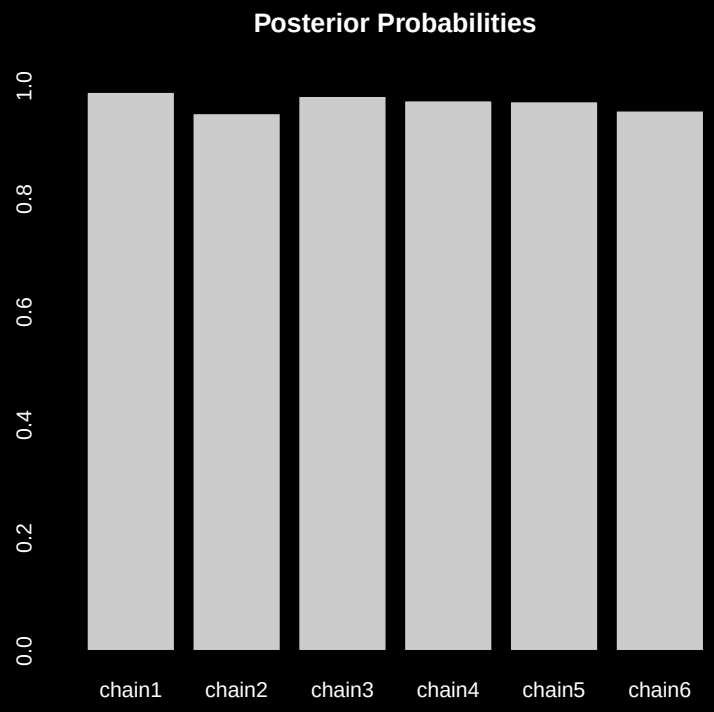
Posterior Probabilities
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0.6
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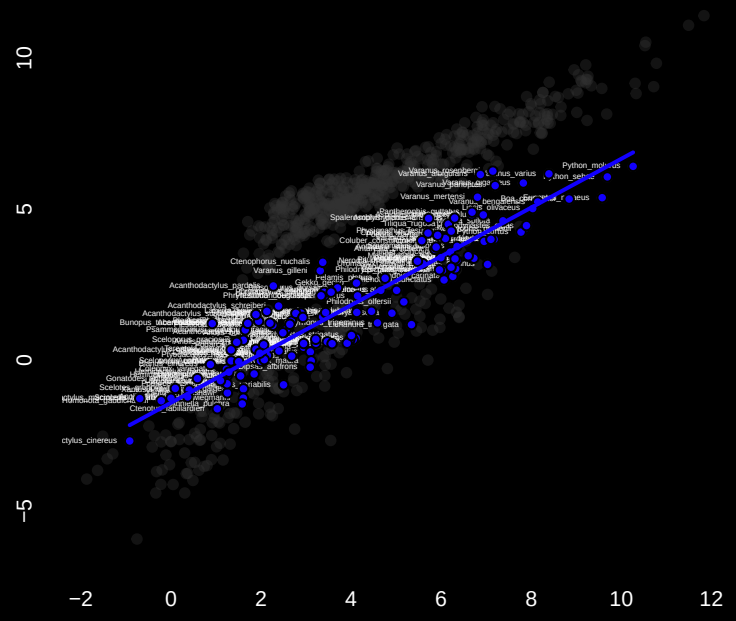
0.2
0.0
chain1
chain2
chain3
chain4
chain5
chain6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−5
−2
0
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6
8
10
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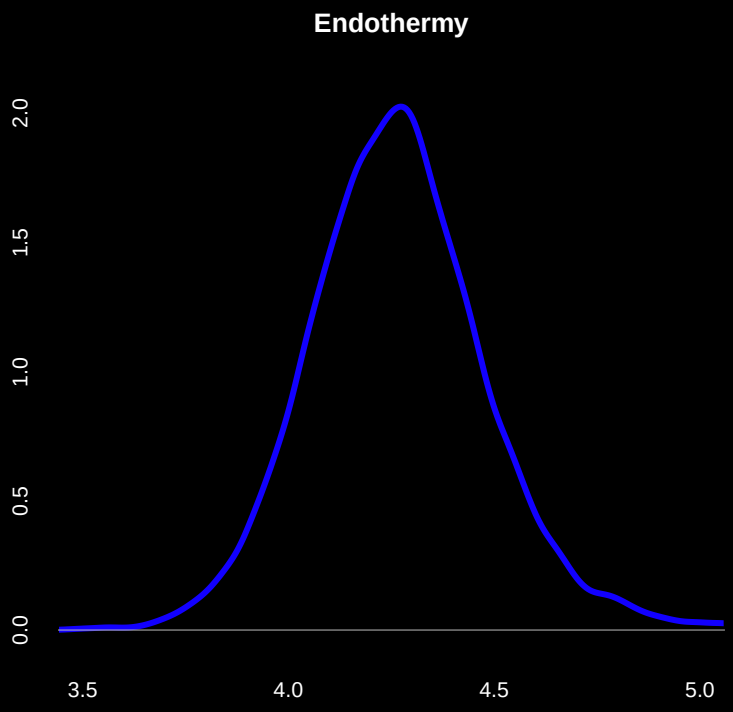
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0.0
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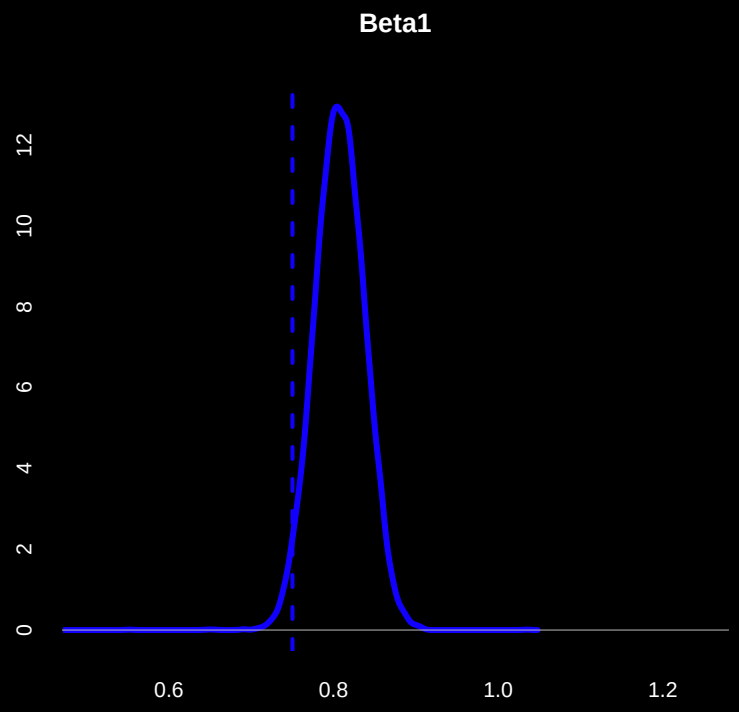
5.0


Beta1
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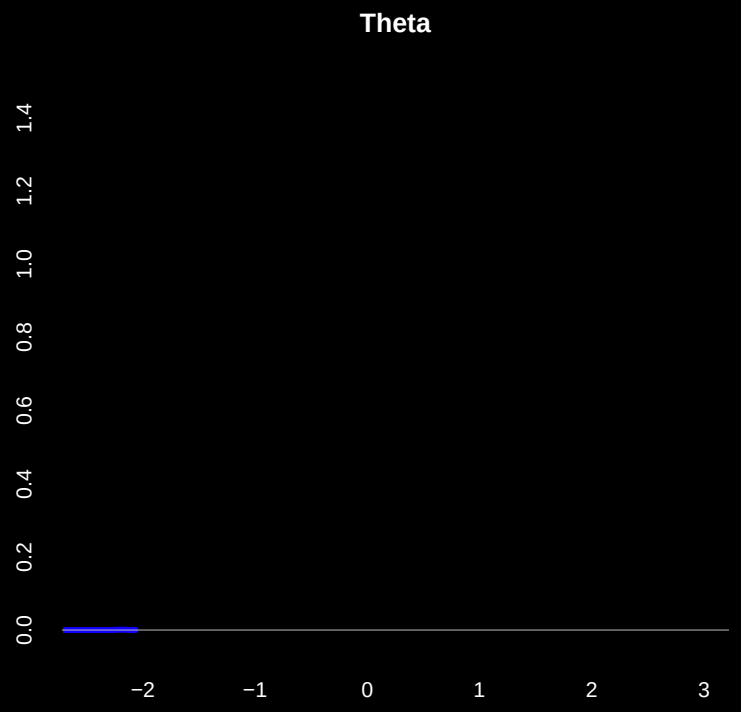
1.2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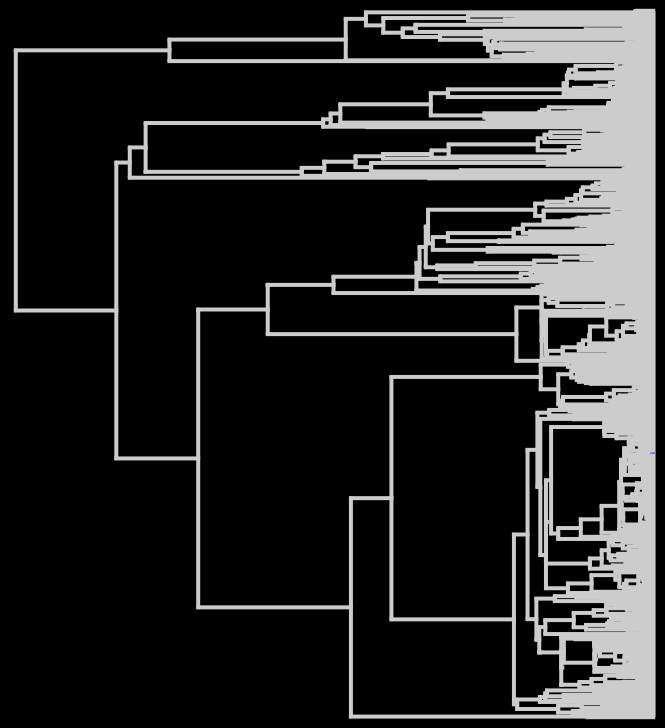

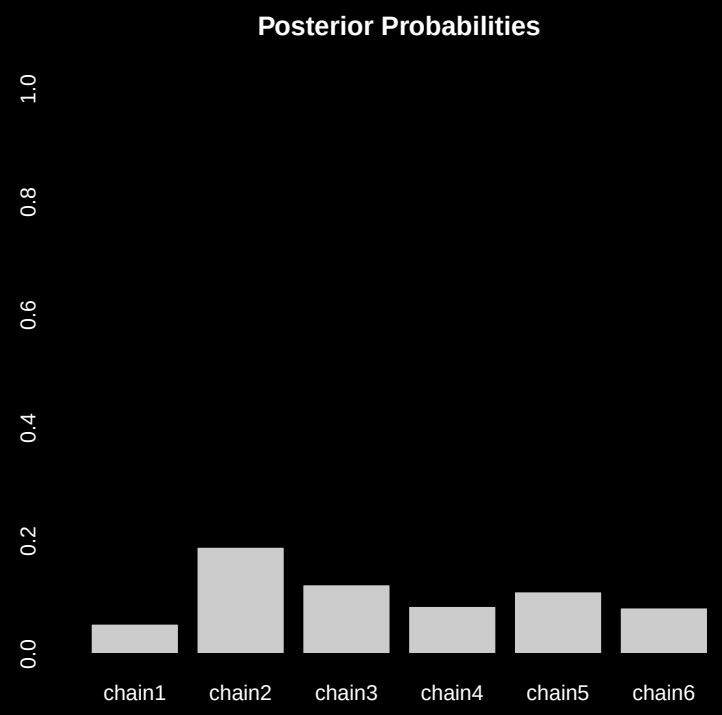
Posterior Probabilities
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0.6
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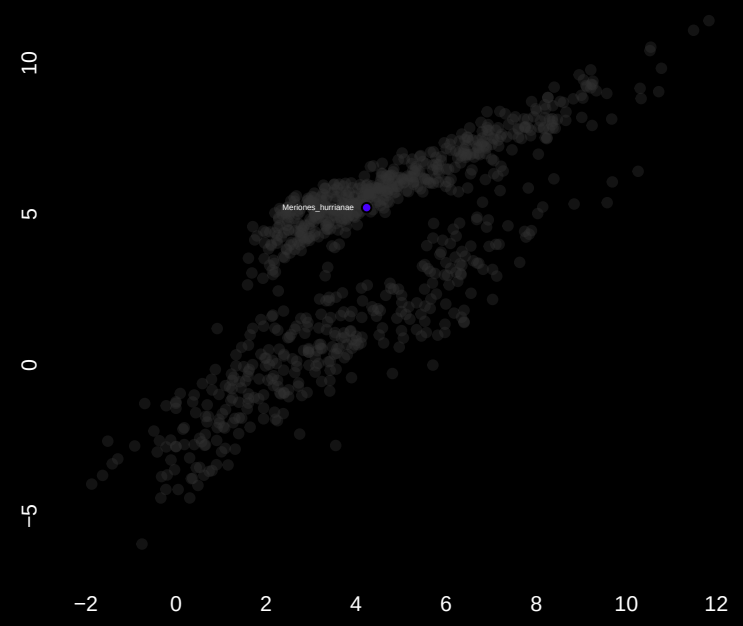
0.2
0.0
chain1
chain2
chain3
chain4
chain5
chain6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8
10
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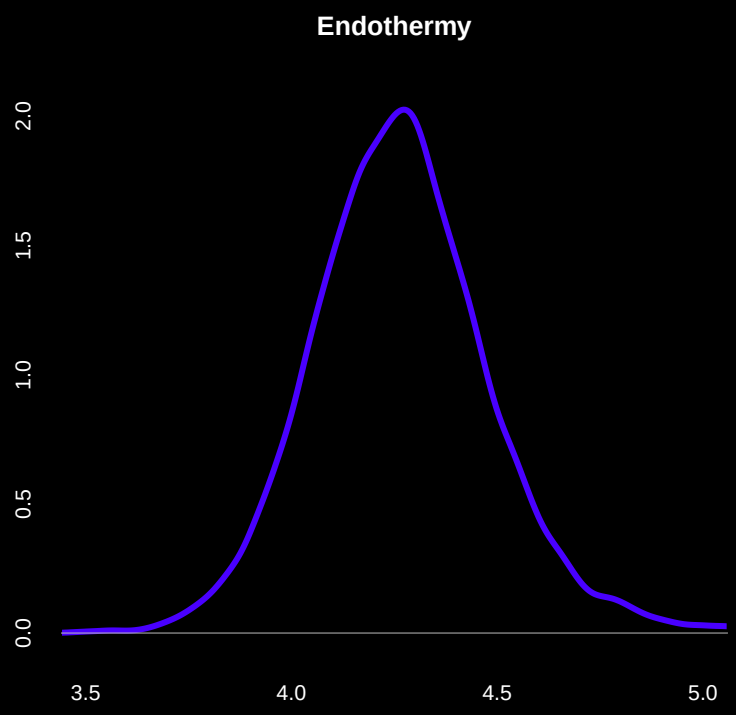
Endothermy
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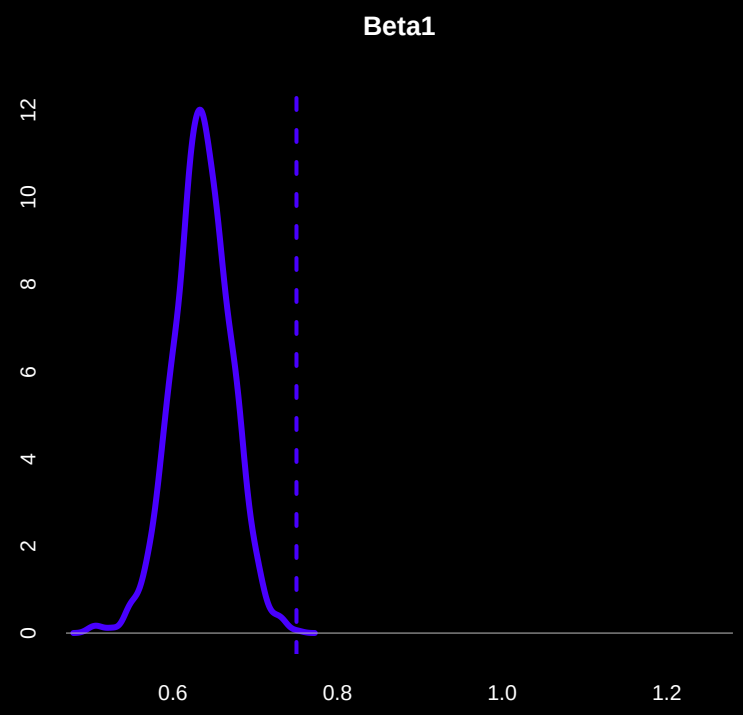
4.5
5.0


Beta1
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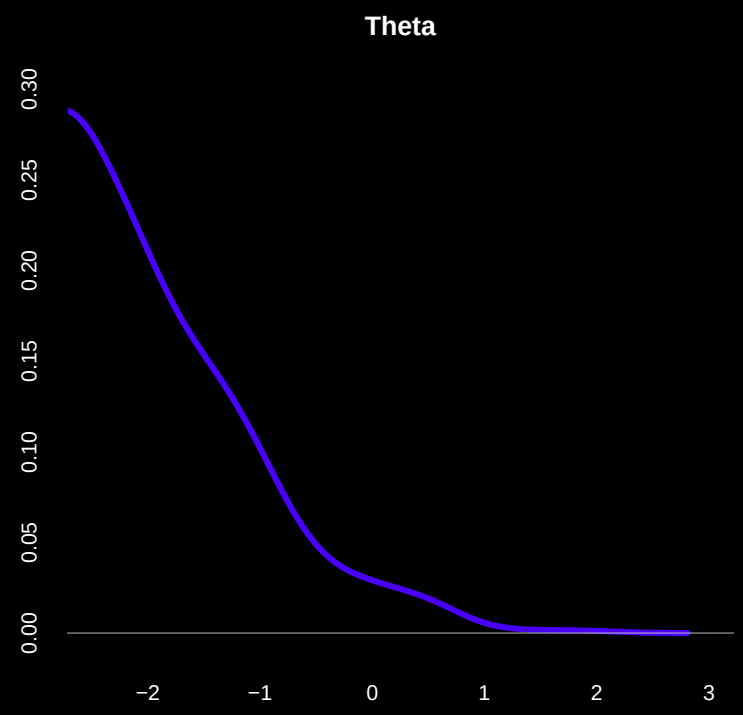
0.8
1.0
1.2


Theta
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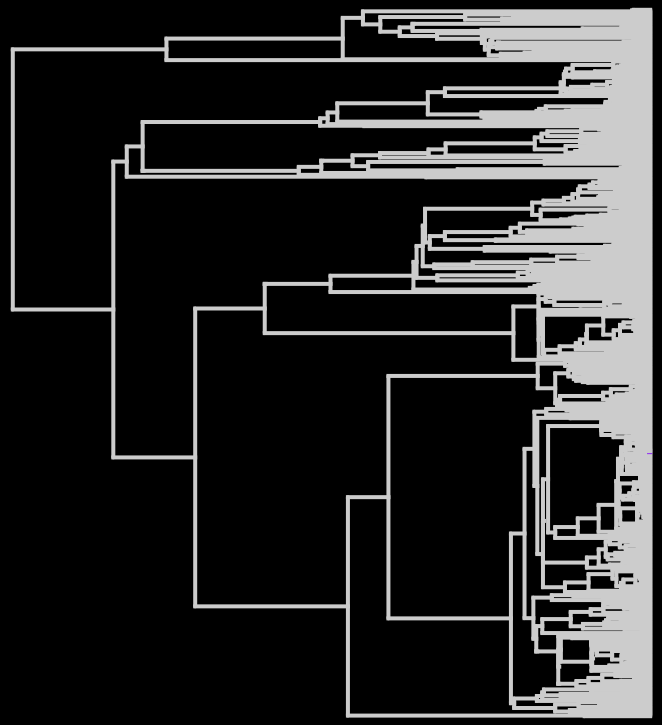
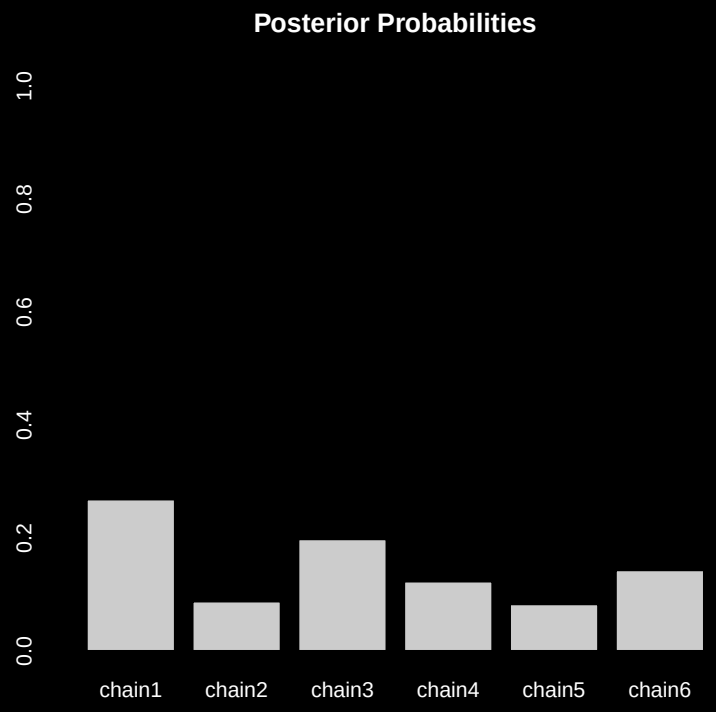
2
3




Posterior Probabilities
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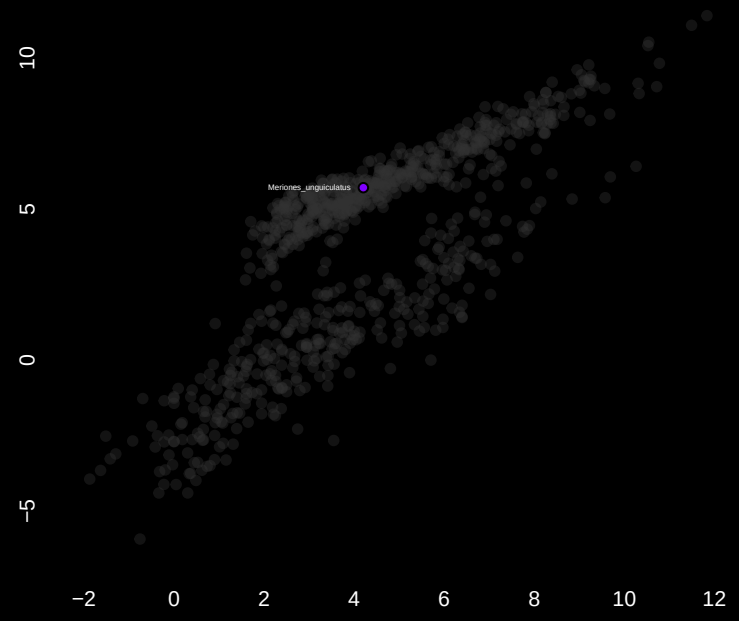
0.8
0.6
0.4
0.2
0.0
chain1
chain2
chain3
chain4
chain5
chain6


Meriones_unguiculatus
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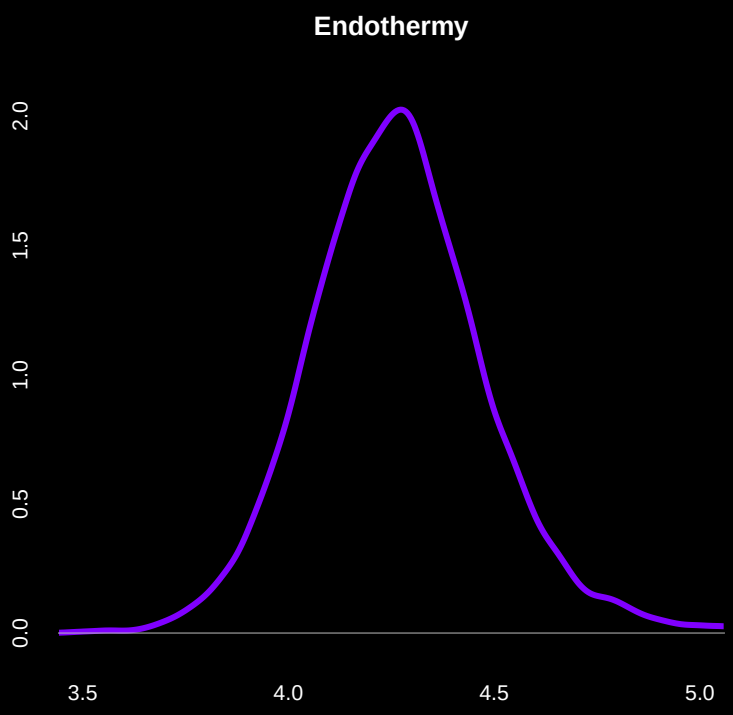
10
12


Endothermy
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3.5
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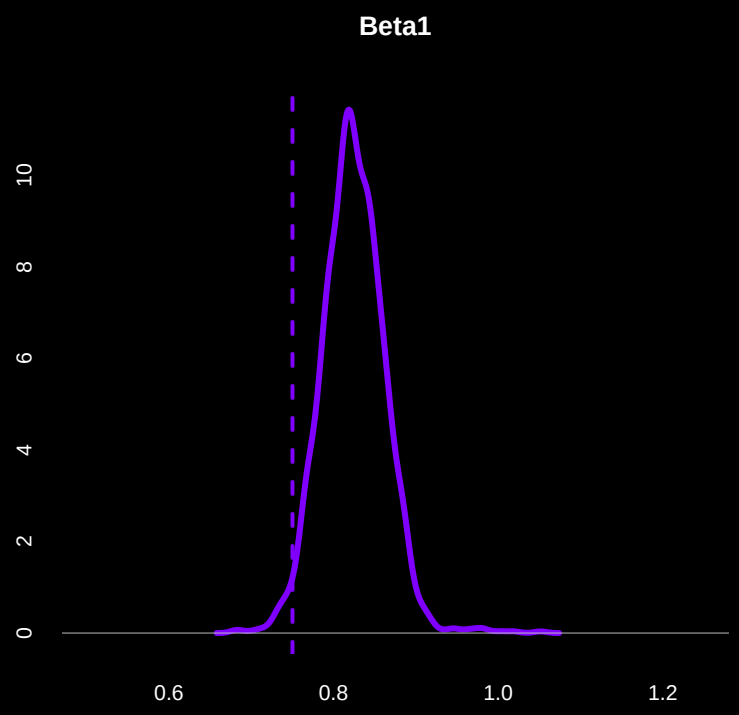
Beta1
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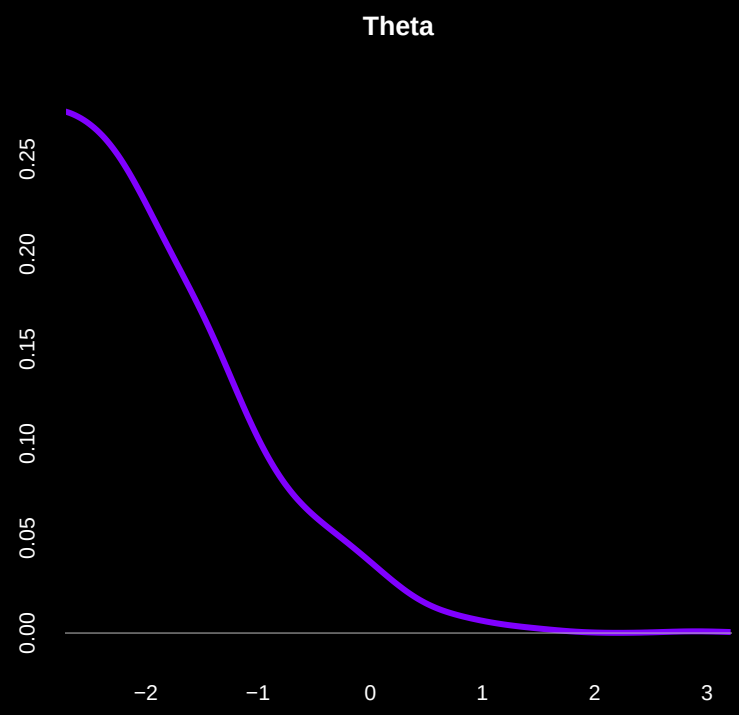
1.0
1.2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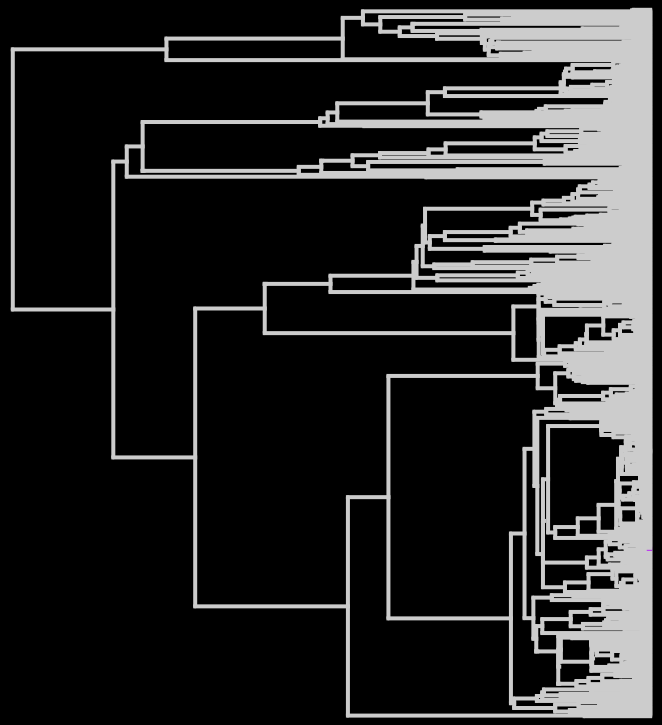
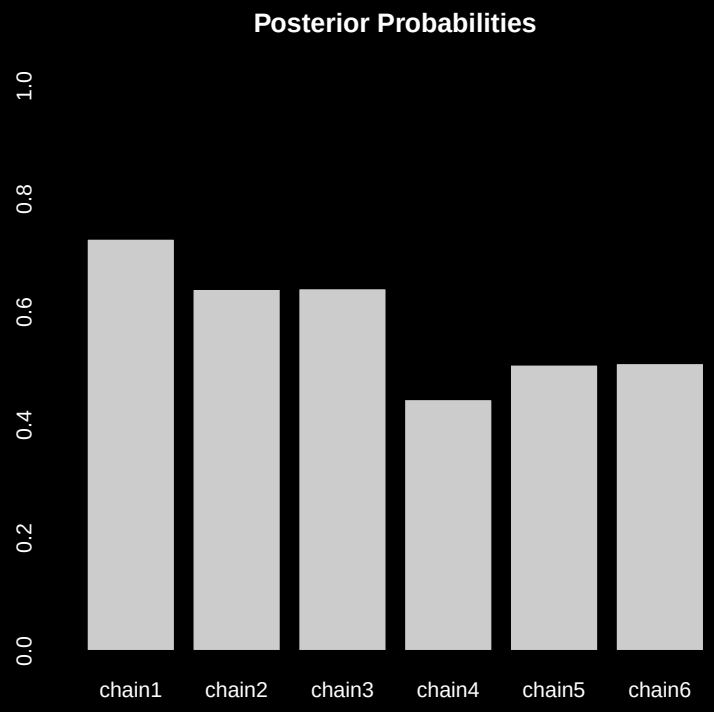
0.10
0.05
0.00
−2
−1
0
1
2
3




Posterior Probabilities
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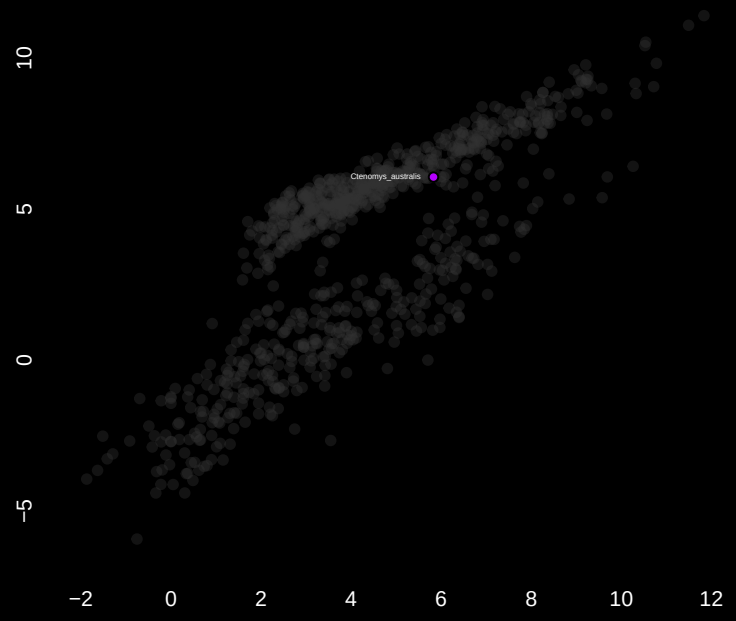
0.6
0.4
0.2
0.0
chain1
chain2
chain3
chain4
chain5
chain6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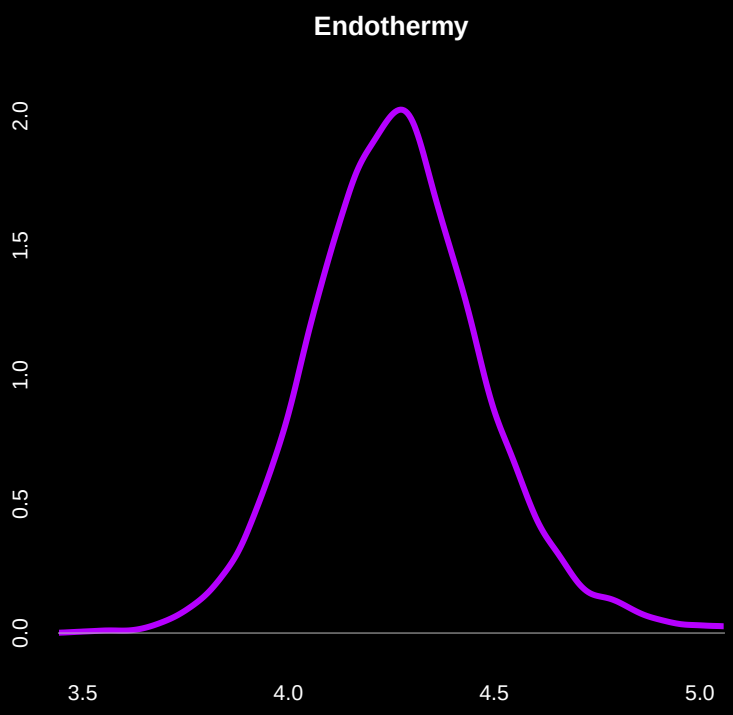
10
12


Endothermy
2.0
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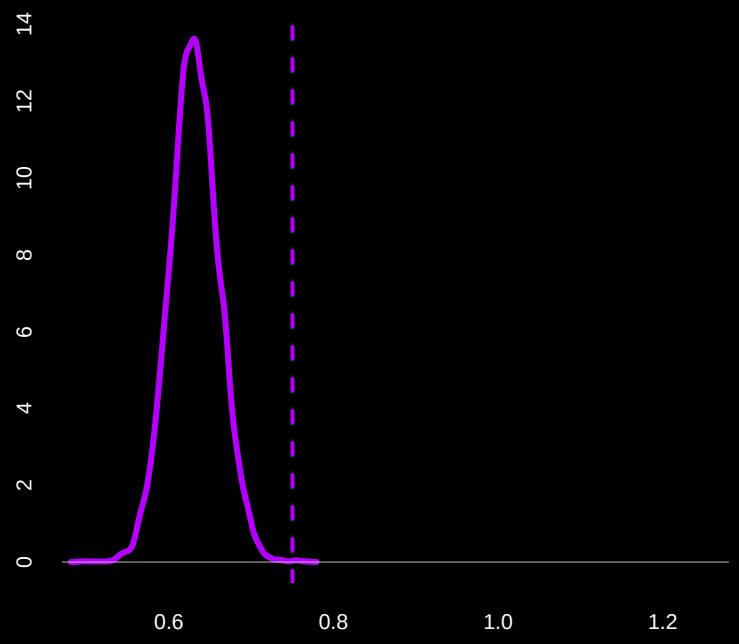
4.0
4.5
5.0


Beta1
14
12
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6
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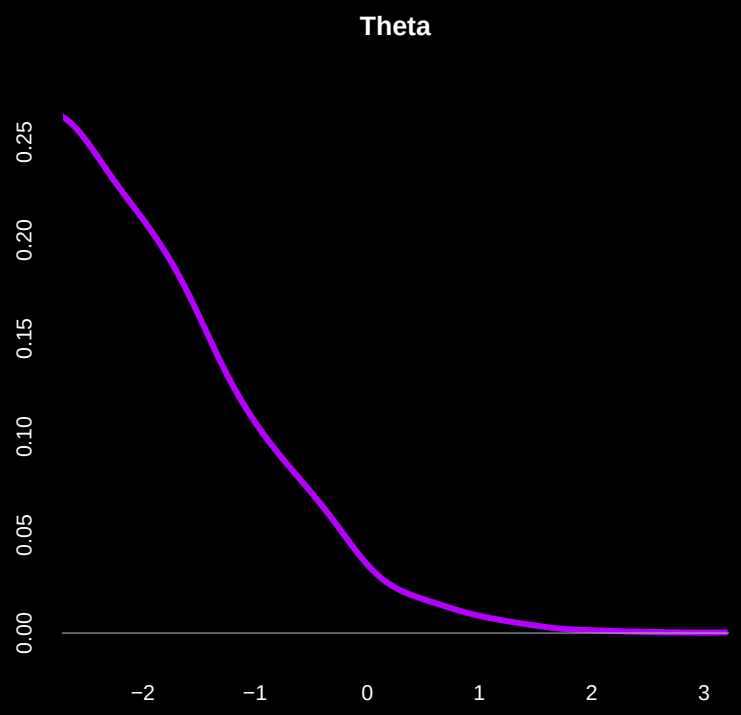
0.8
1.0
1.2


Theta
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0.10
0.05
0.00
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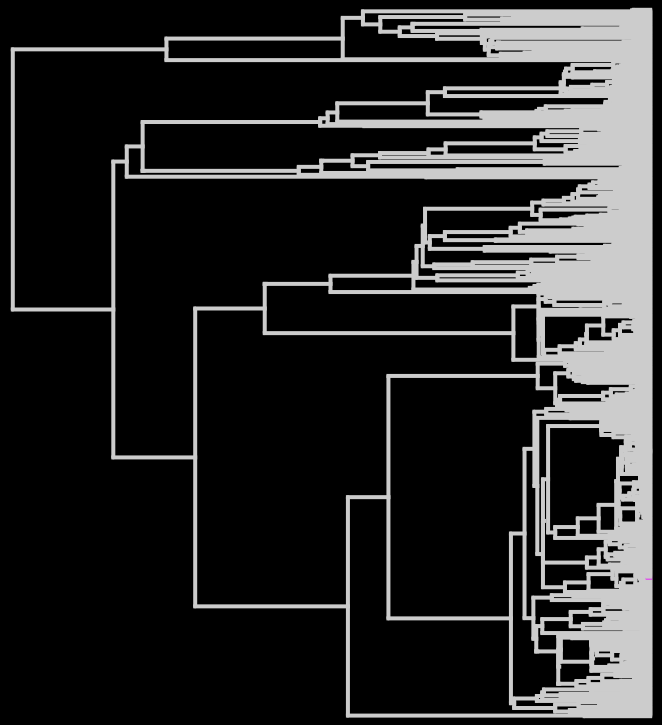
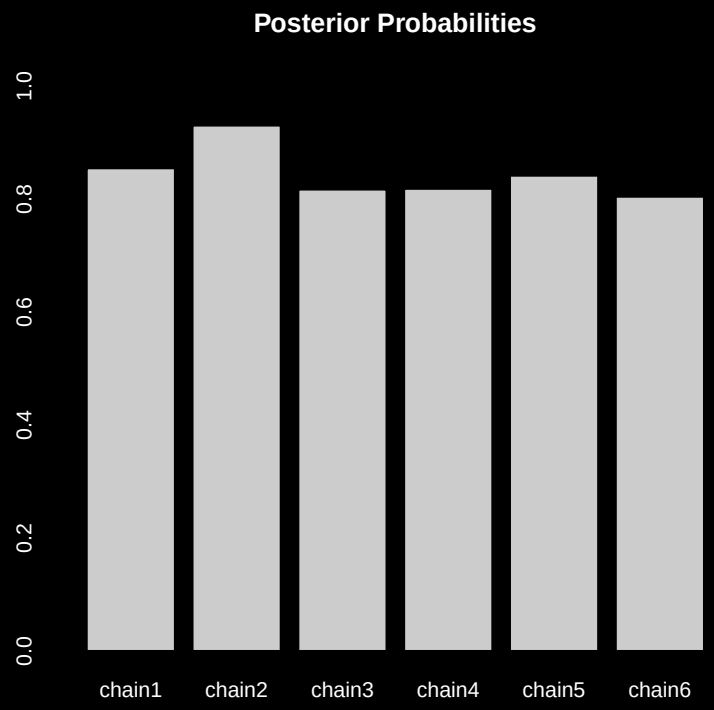
−1
0
1
2
3




Posterior Probabilities
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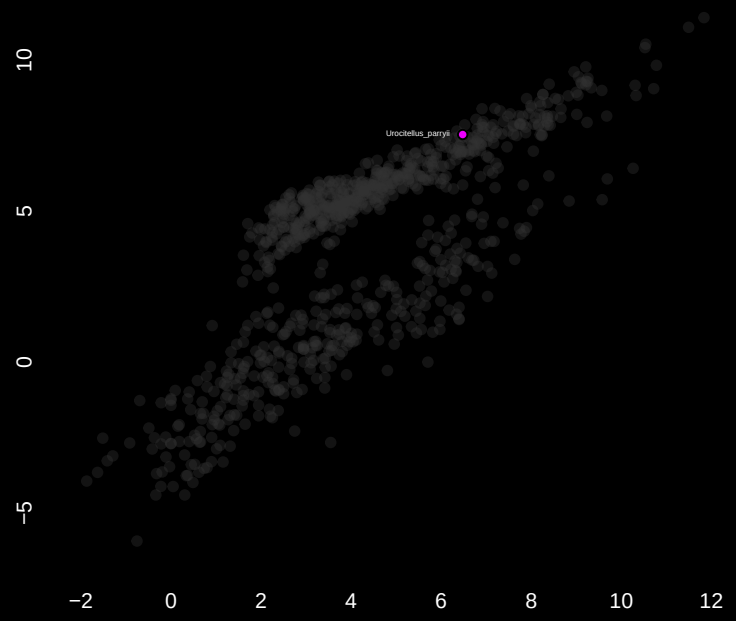
0.6
0.4
0.2
0.0
chain1
chain2
chain3
chain4
chain5
chain6


Urocitellus_parryii
10
5
0
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−2
0
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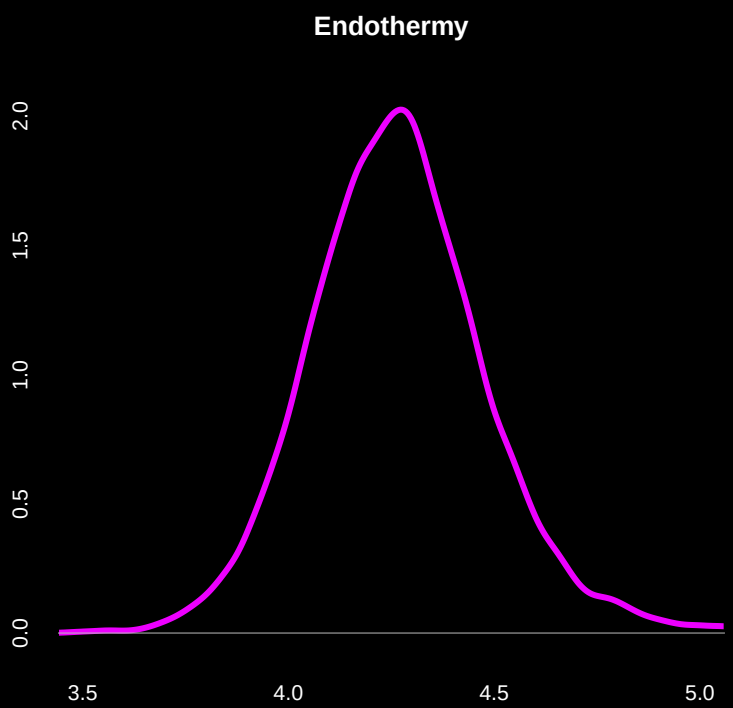
8
10
12


Endothermy
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3.5
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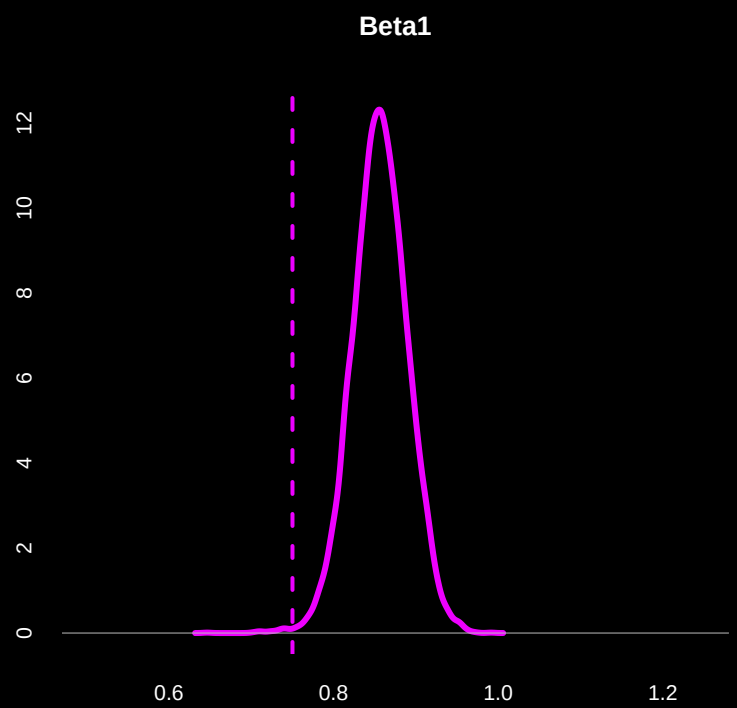
4.5
5.0


Beta1
12
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8
6
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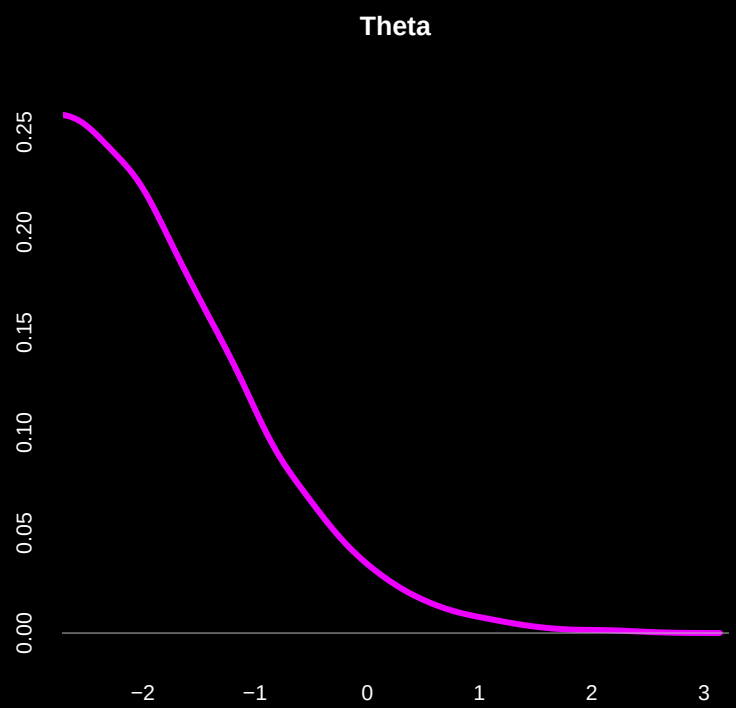
0.8
1.0
1.2


Theta
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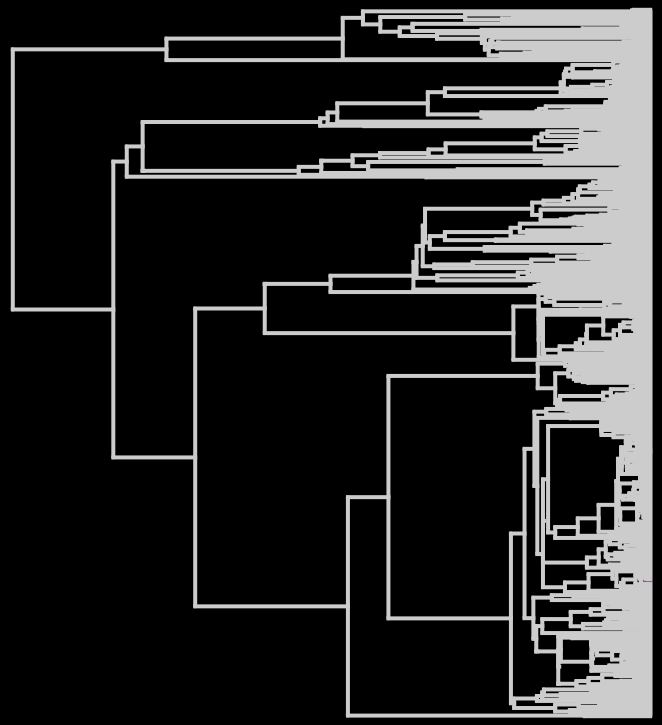
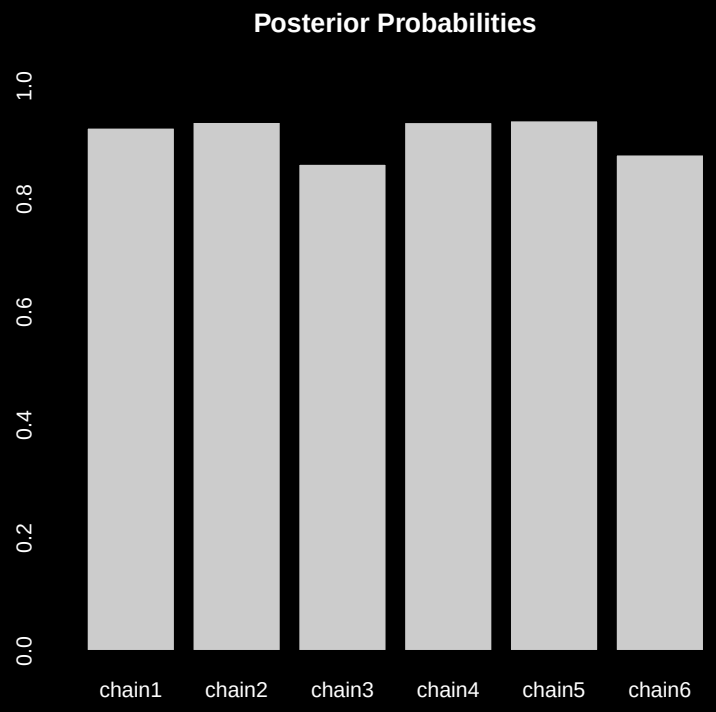
0.20
0.15
0.10
0.05
0.00
−2
−1
0
1
2
3




Posterior Probabilities
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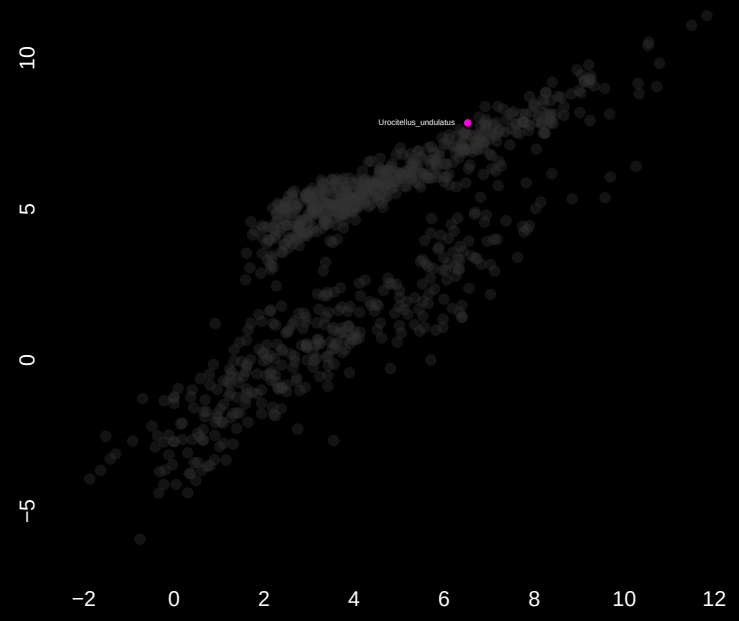
0.8
0.6
0.4
0.2
0.0
chain1
chain2
chain3
chain4
chain5
chain6


Urocitellus_undulatus
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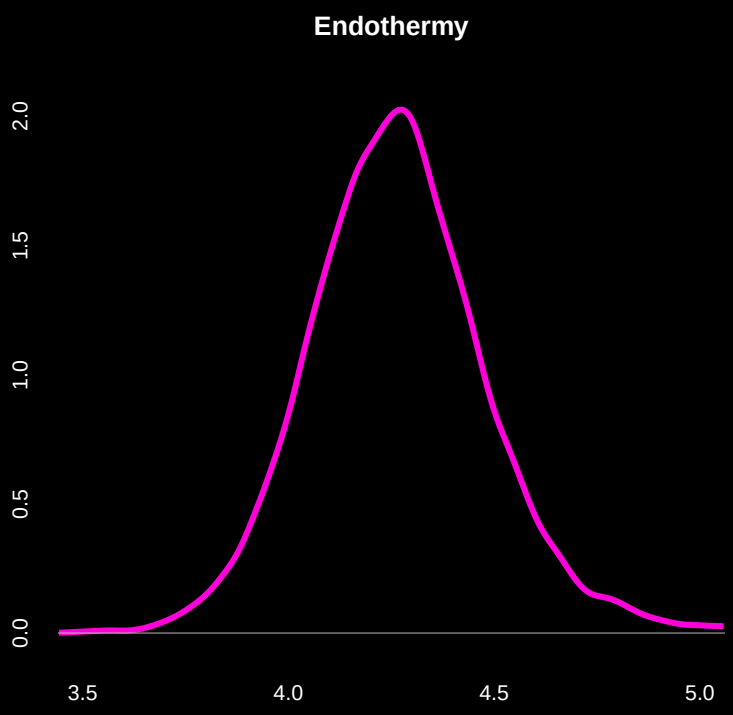
10
12


Endothermy
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1.0
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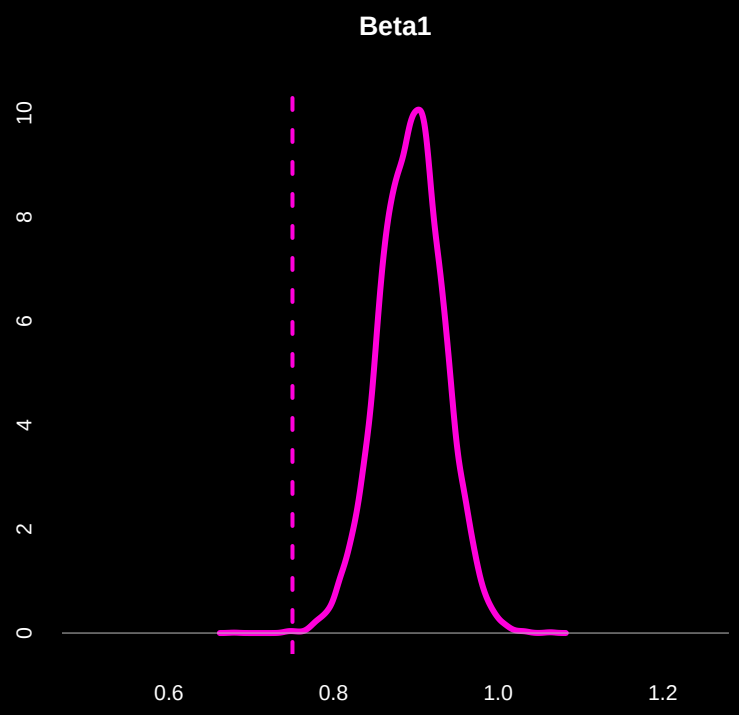
0.0
3.5
4.0
4.5
5.0


Beta1
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8
6
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2
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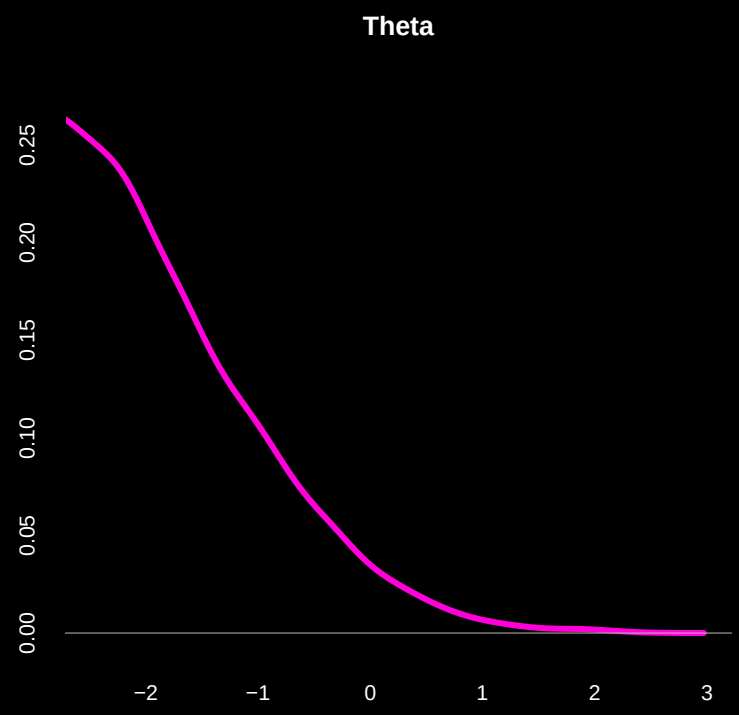
0.6
0.8
1.0
1.2


Theta
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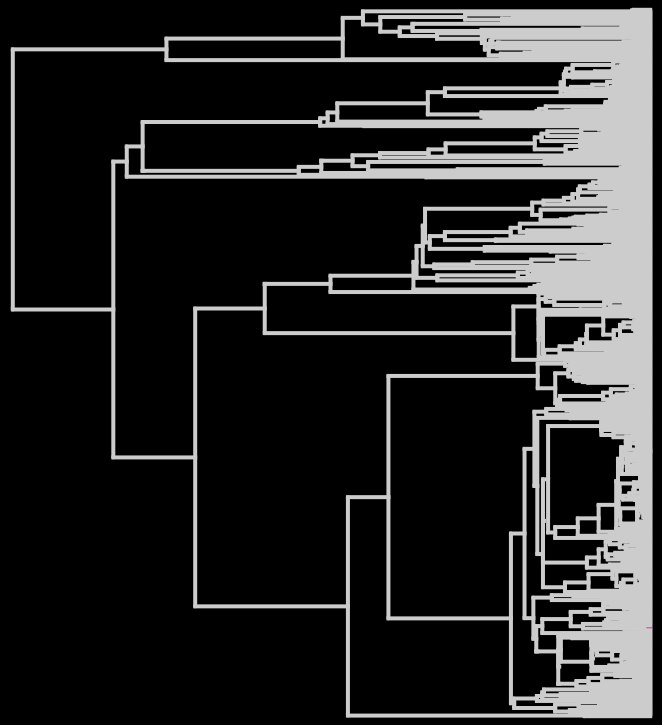
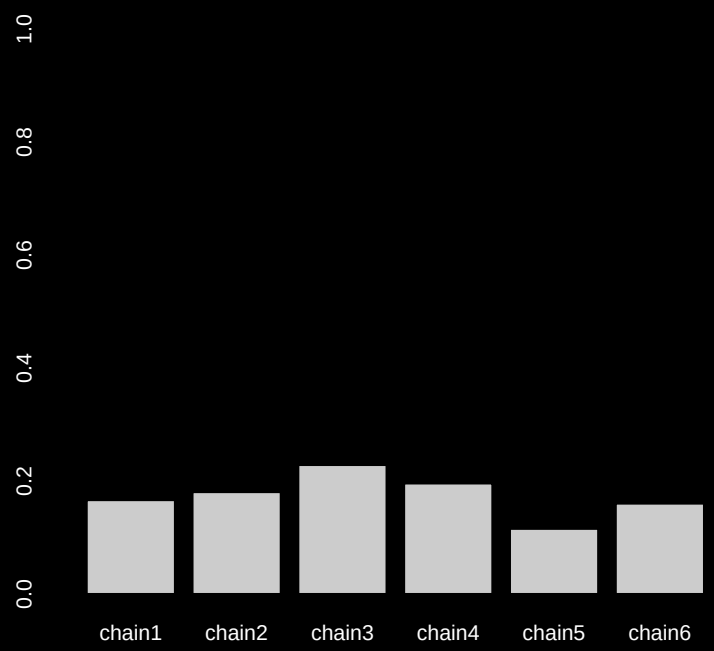
0.20
0.15
0.10
0.05
0.00
−2
−1
0
1
2
3




Posterior Probabilities
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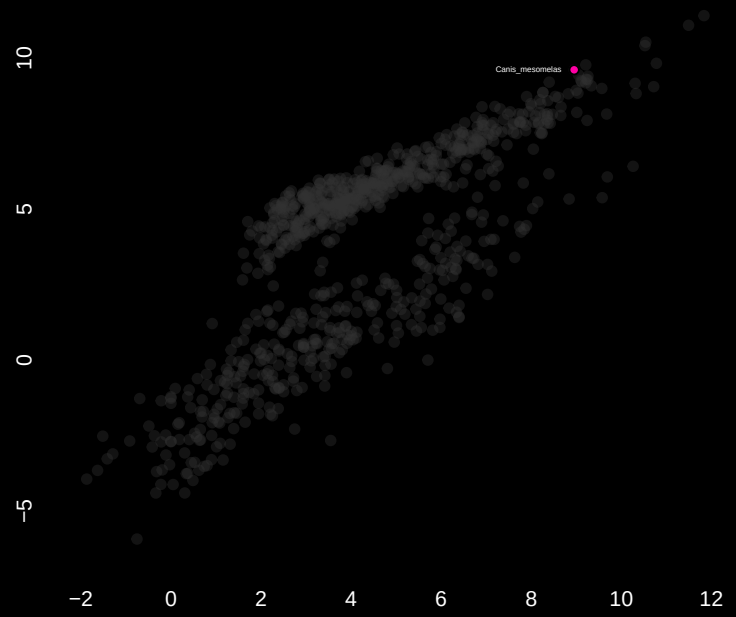
0.8
0.6
0.4
0.2
0.0
chain1
chain2
chain3
chain4
chain5
chain6


Canis_mesomelas
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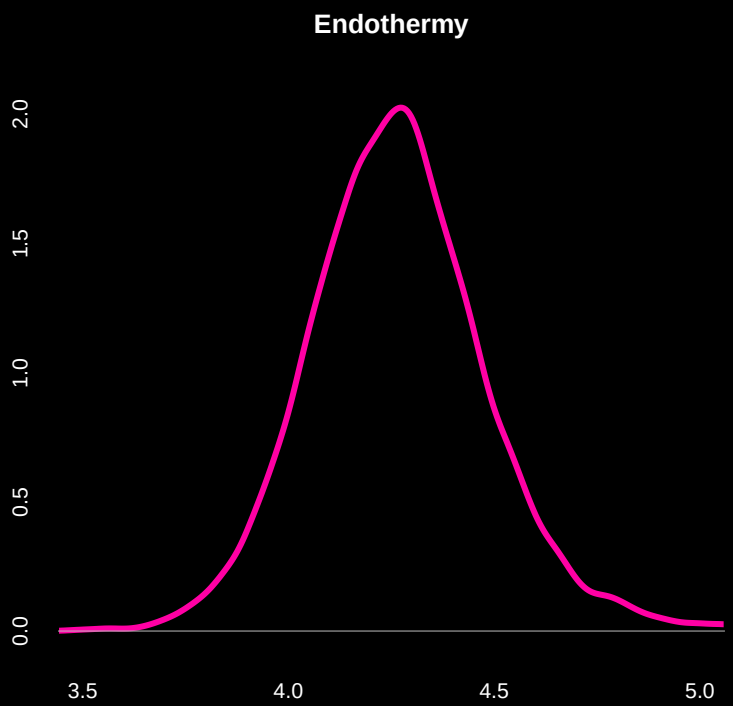
8
10
12


Endothermy
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1.0
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0.0
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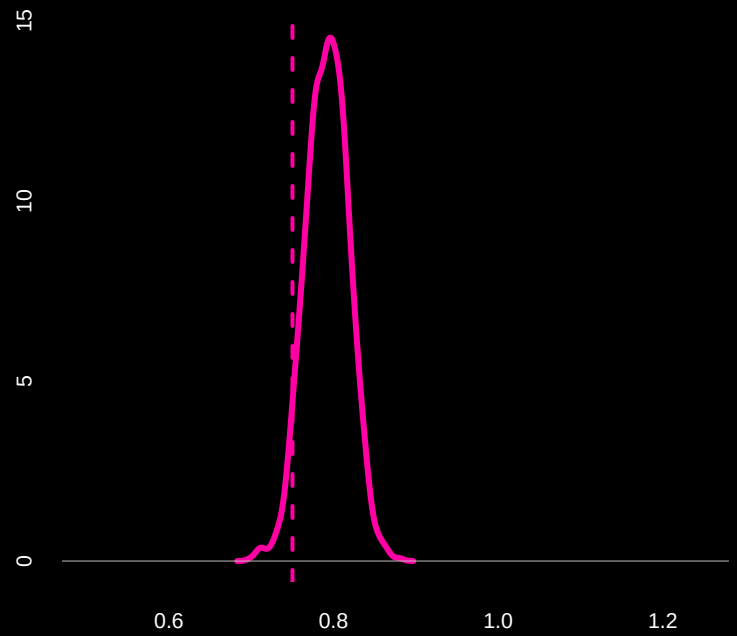
4.0
4.5
5.0


Beta1
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0.6
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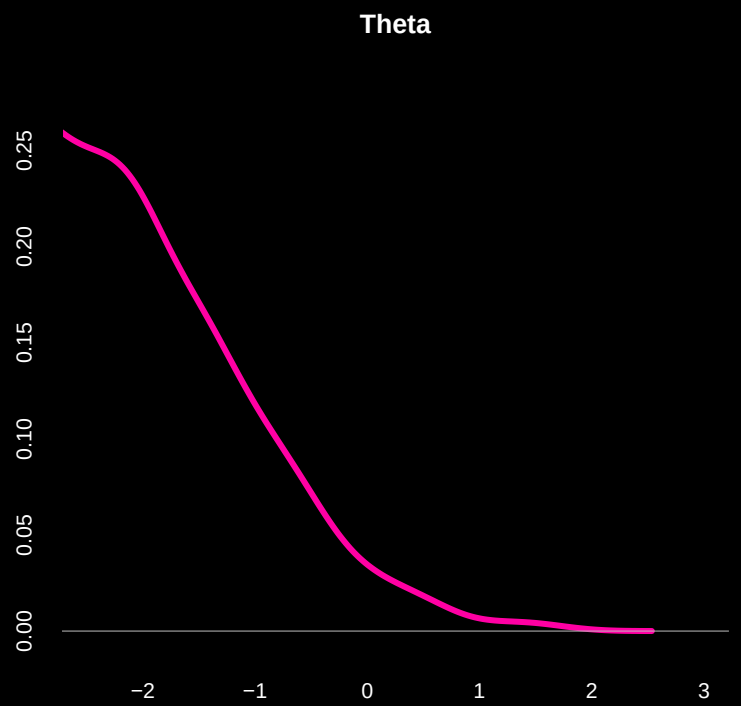
1.0
1.2


Theta
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0.20
0.15
0.10
0.05
0.00
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−1
0
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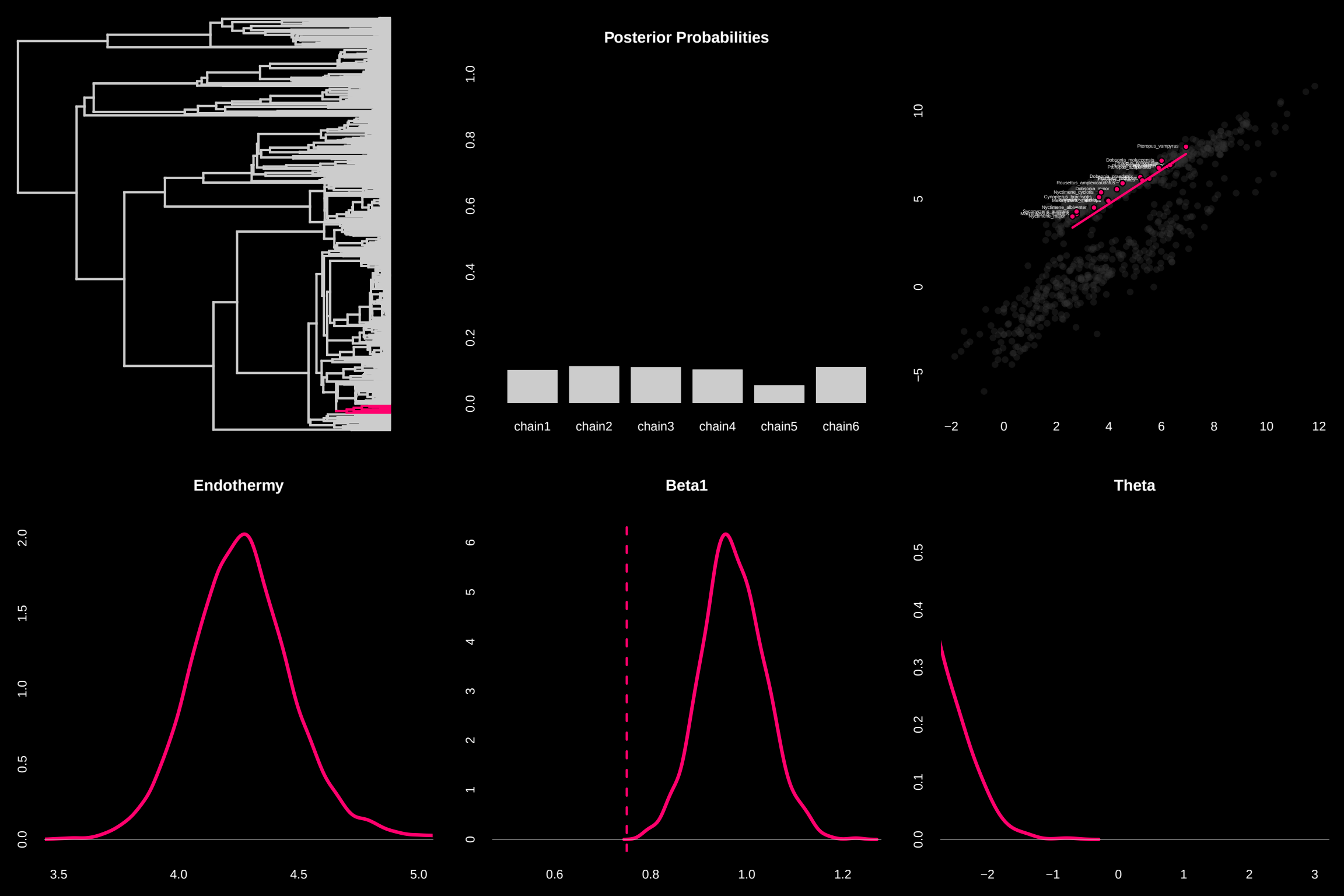
2
3


Posterior Probabilities
1.0
0.8
0.6
0.4
0.2
0.0
chain1
chain2
chain3
chain4
chain5
chain6
10
5
0
−5
−2
0
2
4
6
8
10
12
Pteropus_vampyrus
Dobsonia_moluccensis
Rousettus_amplexicaudatus
Dobsonia_minor
Nyctimene_cyclotis
Cynopterus_brachyotis
Nyctimene_albiventer
Sucrocyclotis_australis
Nyctimene_sanborni
Endothermy
2.0
1.5
1.0
0.5
0.0
3.5
4.0
4.5
5.0
Beta1
6
5
4
3
2
1
0
0.6
0.8
1.0
1.2
Theta
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0.2
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0.0
−2
−1
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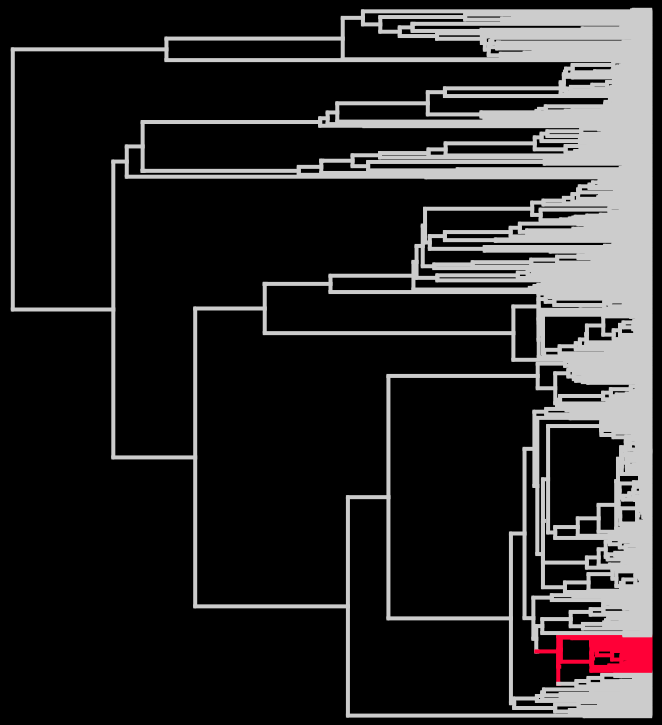
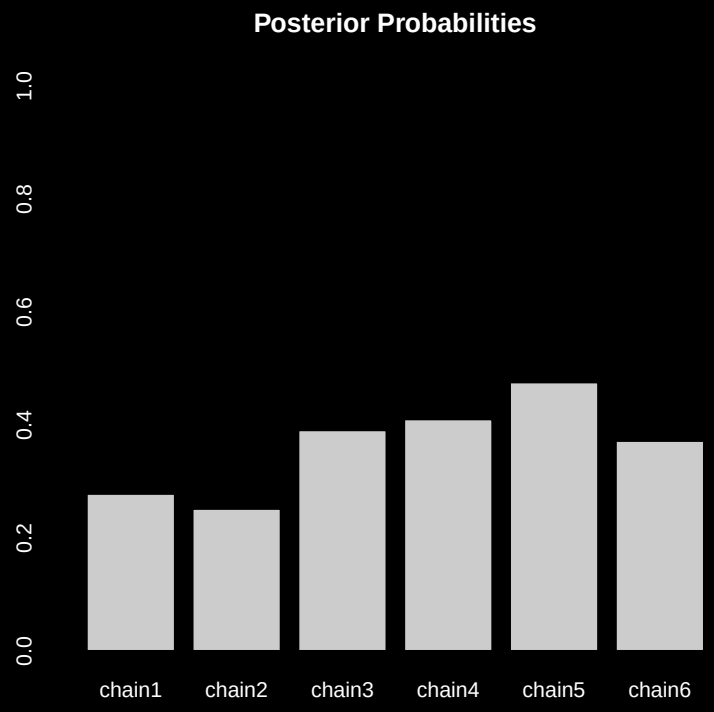
1
2
3




Posterior Probabilities
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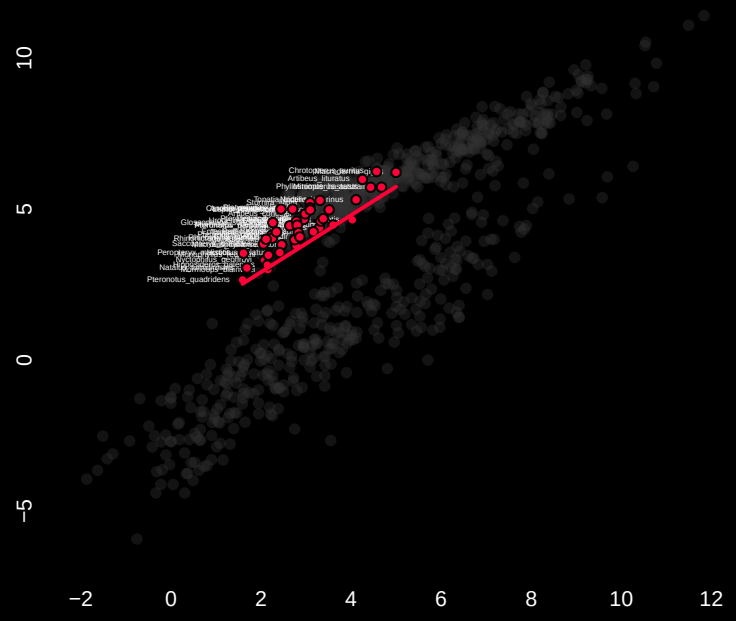
0.8
0.6
0.4
0.2
0.0
chain1
chain2
chain3
chain4
chain5
chain6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−2
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6
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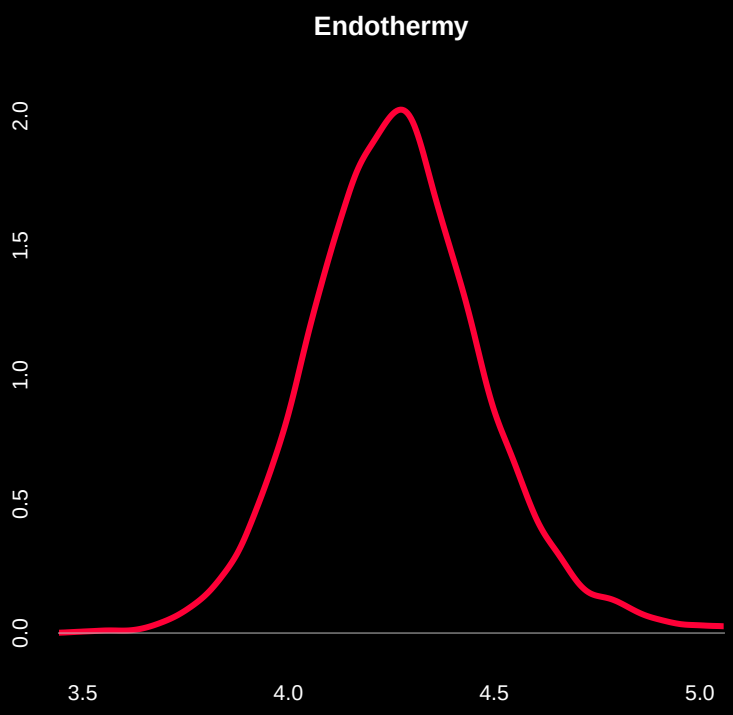
10
12


Endothermy
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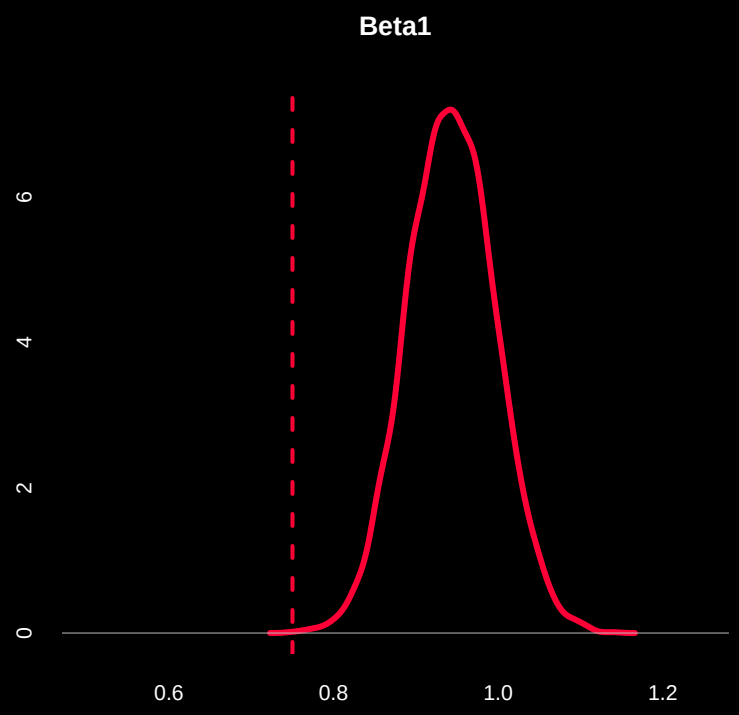
1.0
0.5
0.0
3.5
4.0
4.5
5.0


Beta1
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4
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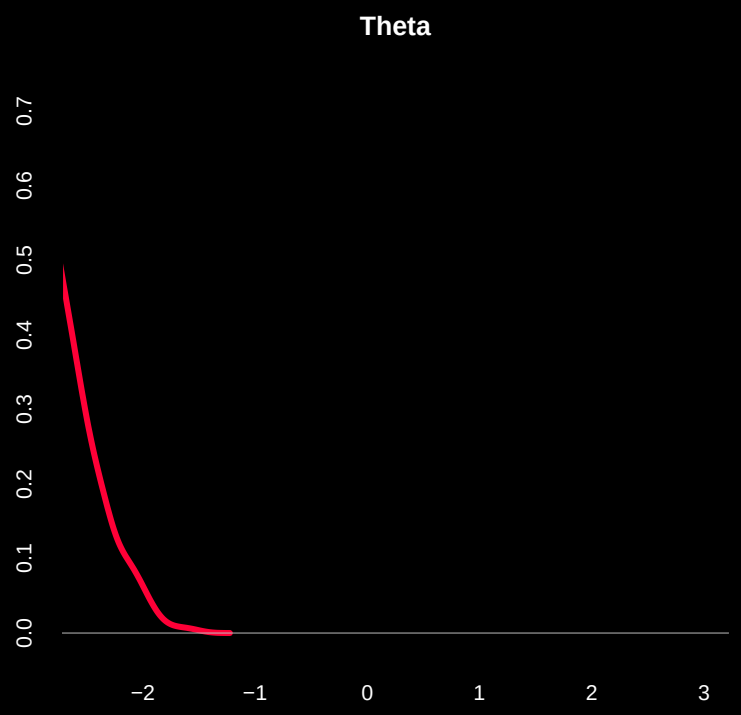
0.6
0.8
1.0
1.2


Theta
0.7
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0.5
0.4
0.3
0.2
0.1
0.0
−2
−1
0
1
2
3