Supplementary Material S3: Climate parameters reconstructed by CLAMP (http://clamp.ibcas.ac.cn/; Yang et al., 2011) for three localities in the Yatağan Basin

Abbreviations:

MAT – mean annual temperature ((°C)

WMMT – warm month mean temperature (°C)

CMMT – cold month mean temperature (°C)

GROWSEAS – length of growing season (months)

GSP – growing season precipitation (cm)

MMGSP – mean month growing season precipitation (cm)

X3.WET – precipitation of the three wettest months (cm)

X3.DRY – precipitation of the three driest months (cm)

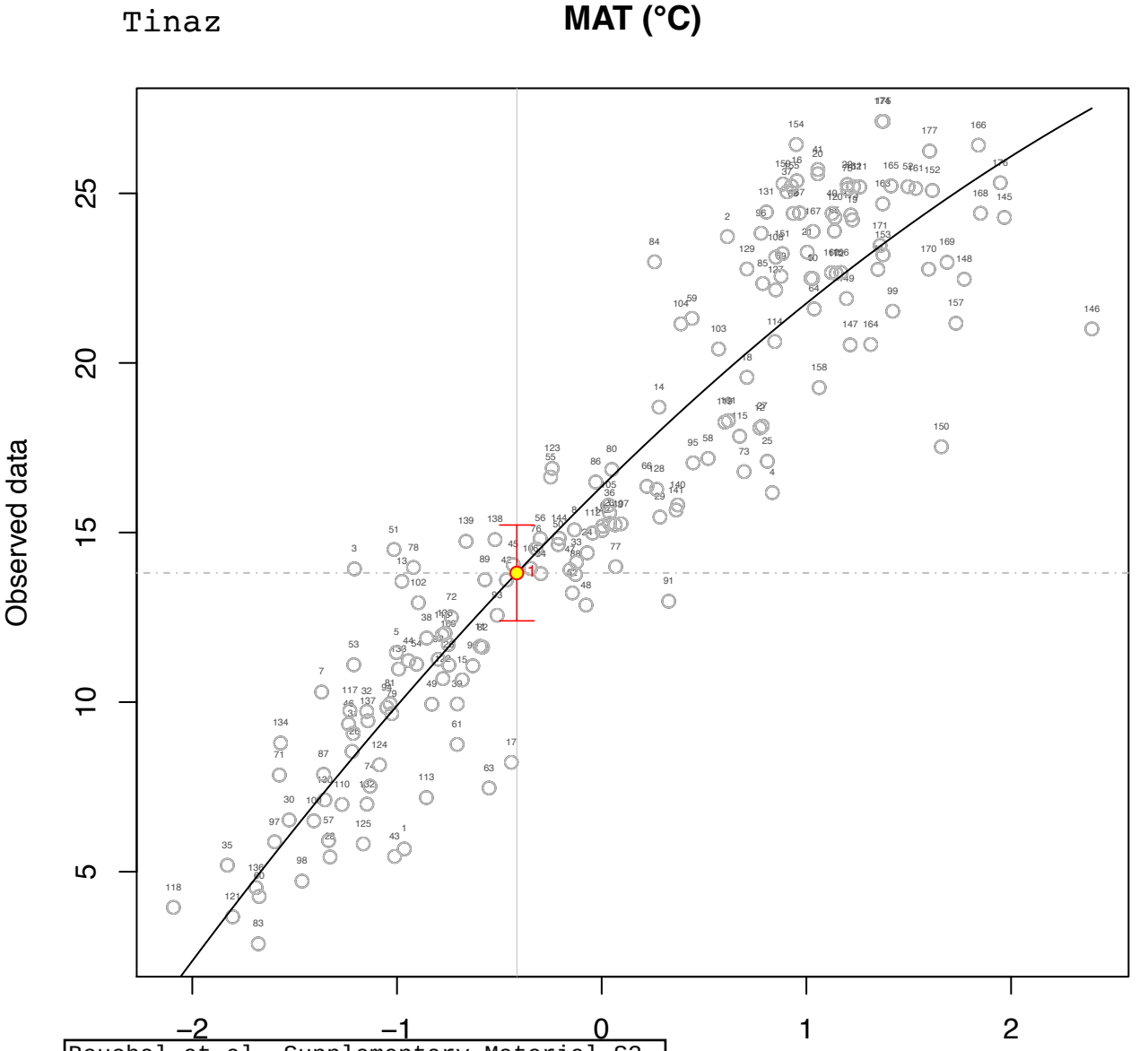
RH – relative humidity (%)

SH – specific humidity (g/kg)

ENTHALPY – $(kJ/kg)*10^{-1}$

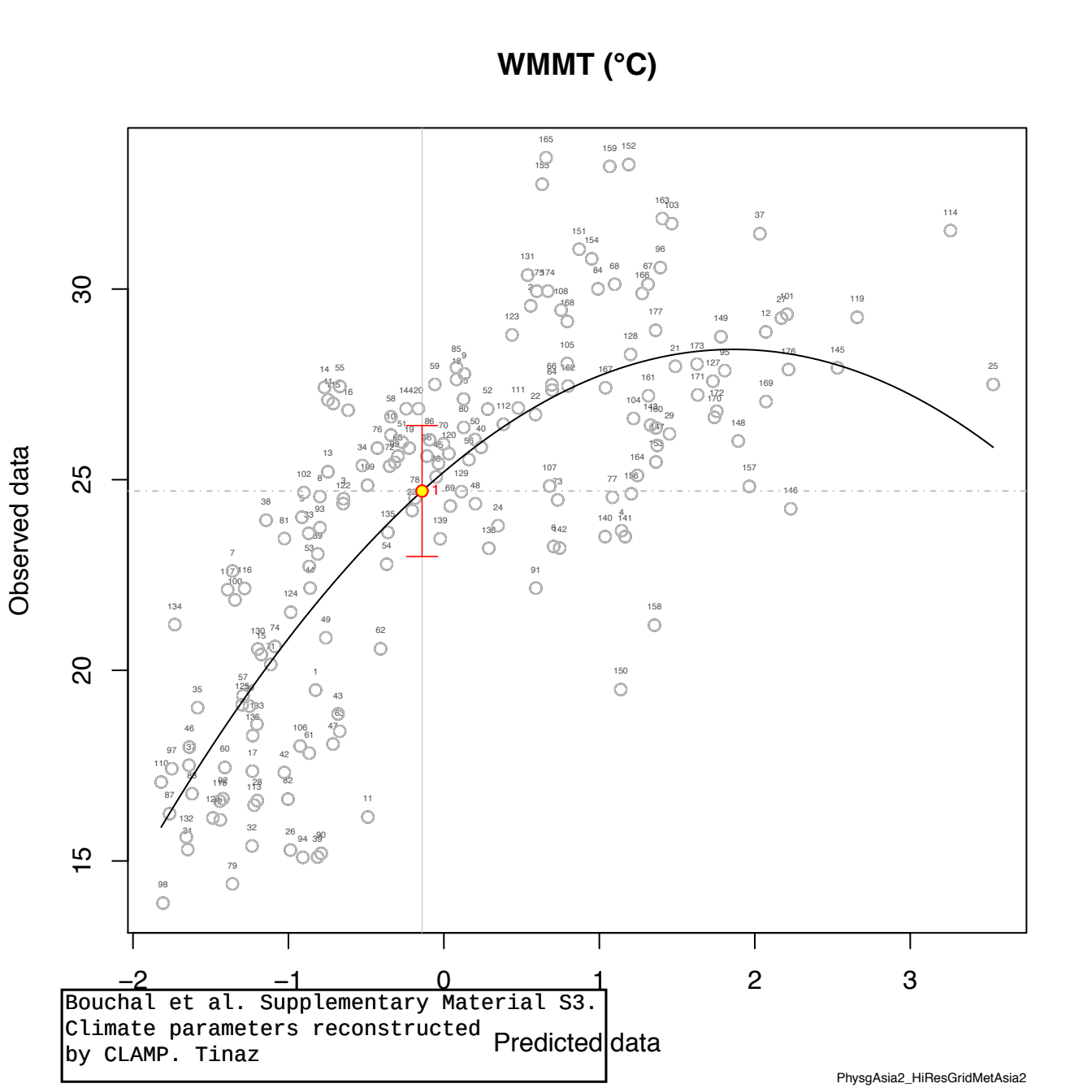
For excel files of scoring of leaf characters for the localities Tınaz, Eskihisar, and Salihpaşalar, please contact the corresponding authors.

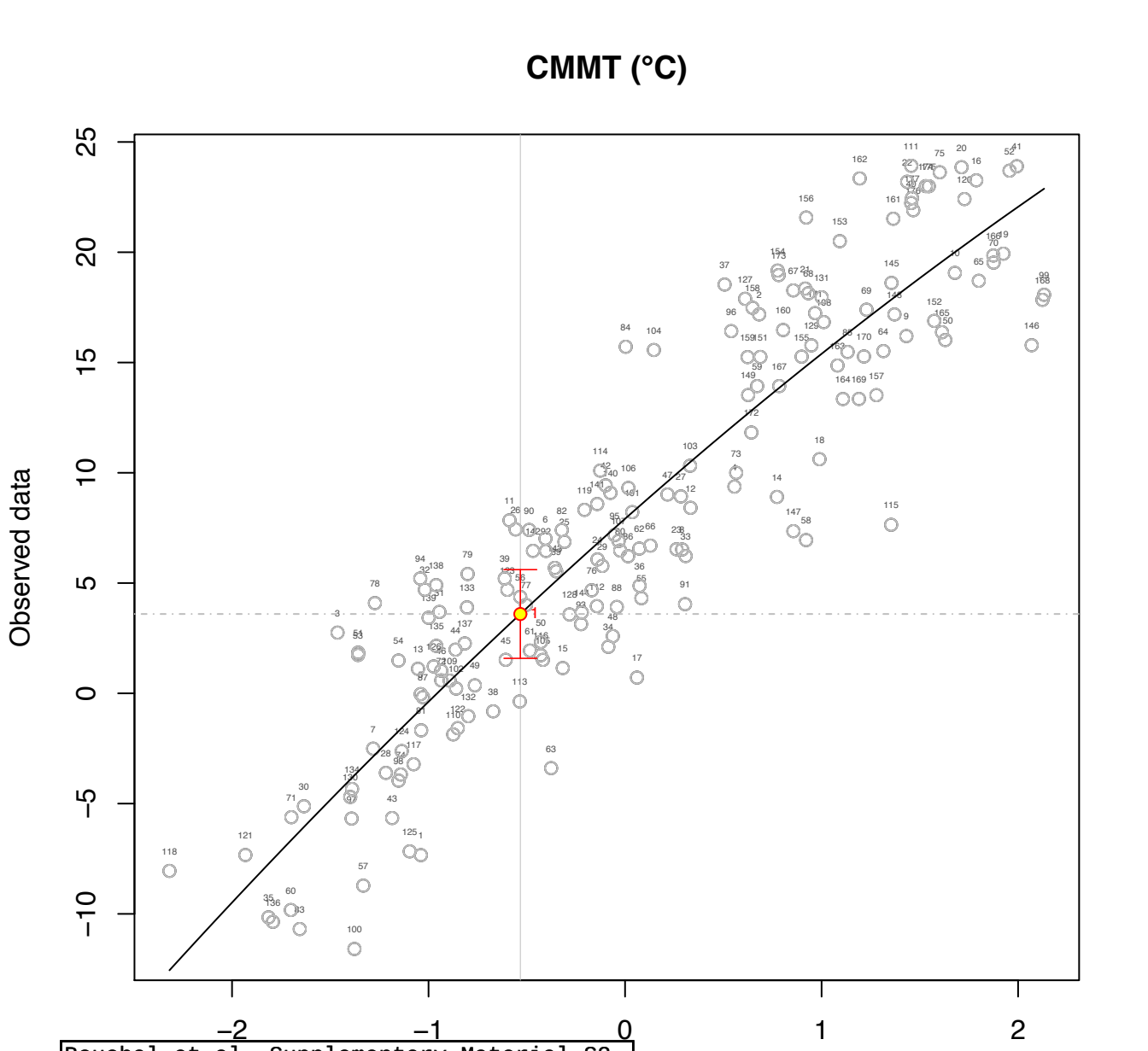
Tinaz



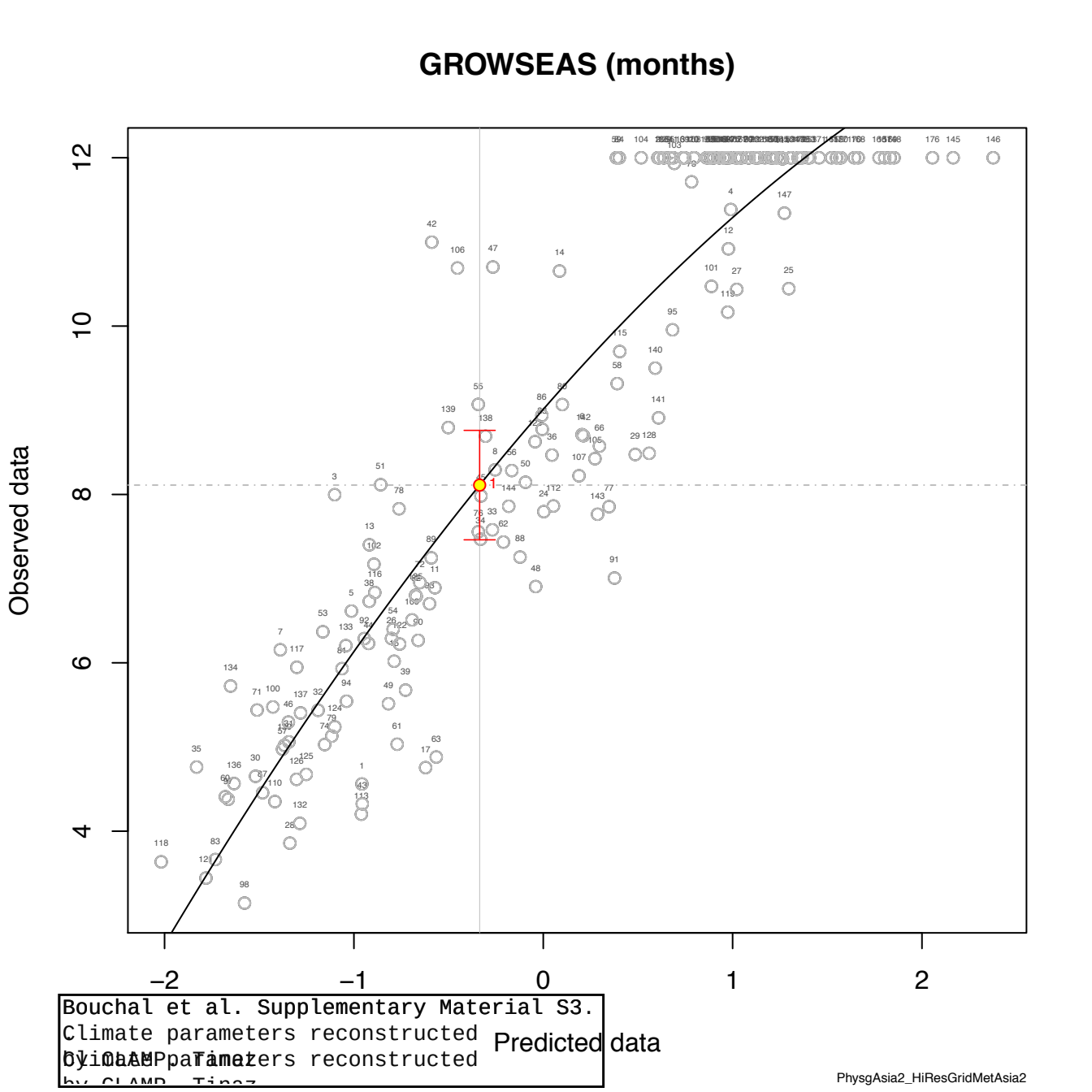
Bouchal et al. Supplementary Material S3. Climate parameters reconstructed by CLAMP. Tinaz

PhysgAsia2_HiResGridMetAsia2


WMMT (°C)
Observed data
Predicted data
15
20
25
30
−2
−1
0
1
2
3
Bouchal et al. Supplementary Material S3.
Climate parameters reconstructed
by CLAMP. Tinaz
PhysgAsia2_HiResGridMetAsia2

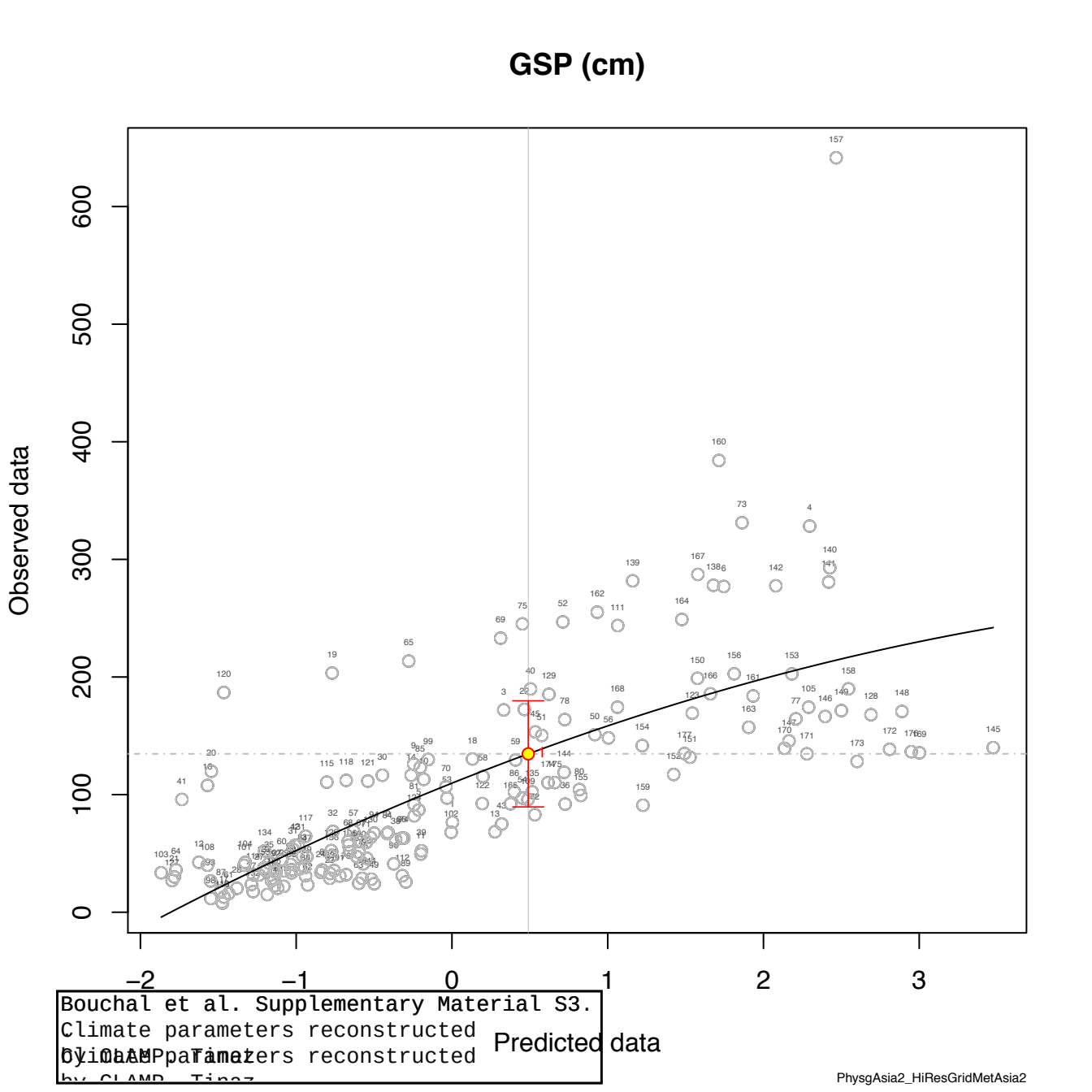


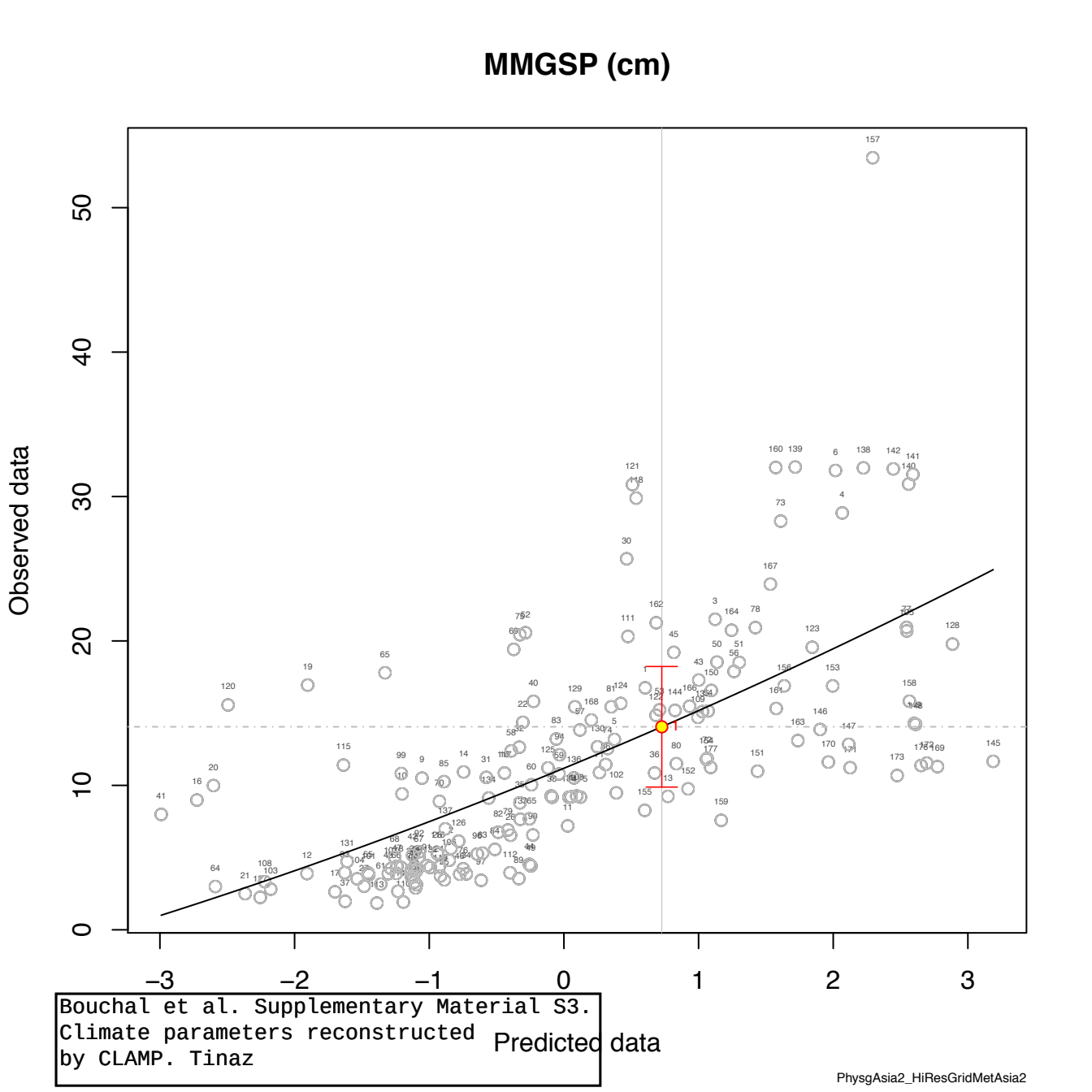
Bouchal et al. Supplementary Material S3.
Climate parameters reconstructed
by CLAMP. Tinaz



Bouchal et al. Supplementary Material S3.
Climate parameters reconstructed by CLAMP. Time2

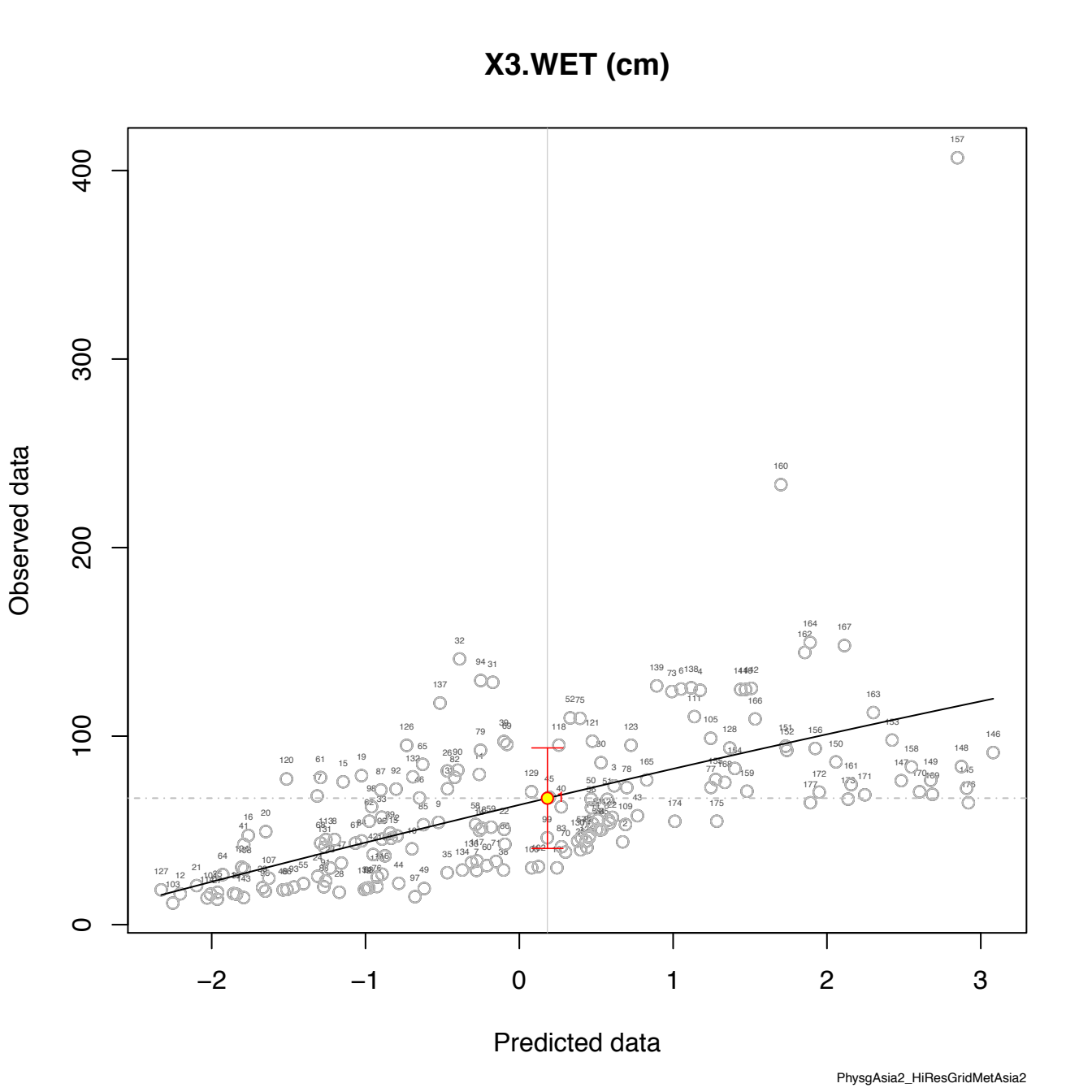
PhysgAsia2_HiResGridMetAsia2

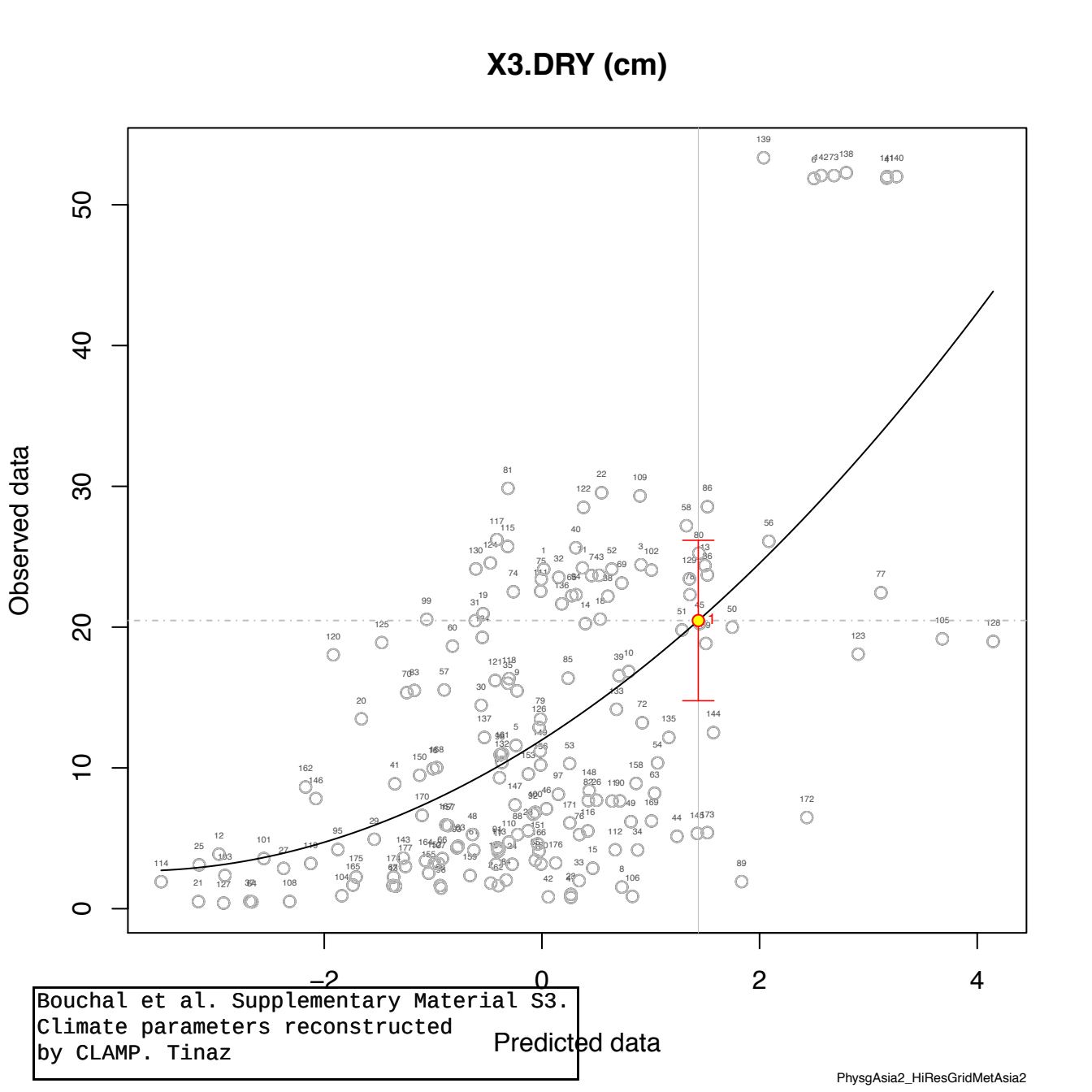

GSP (cm)
Observed data
Predicted data
0
100
200
300
400
500
600
−2
−1
0
1
2
3
Bouchal et al. Supplementary Material S3.
Climate parameters reconstructed
by CLAMP. Tipaz
PhysgAsia2_HiResGridMetAsia2



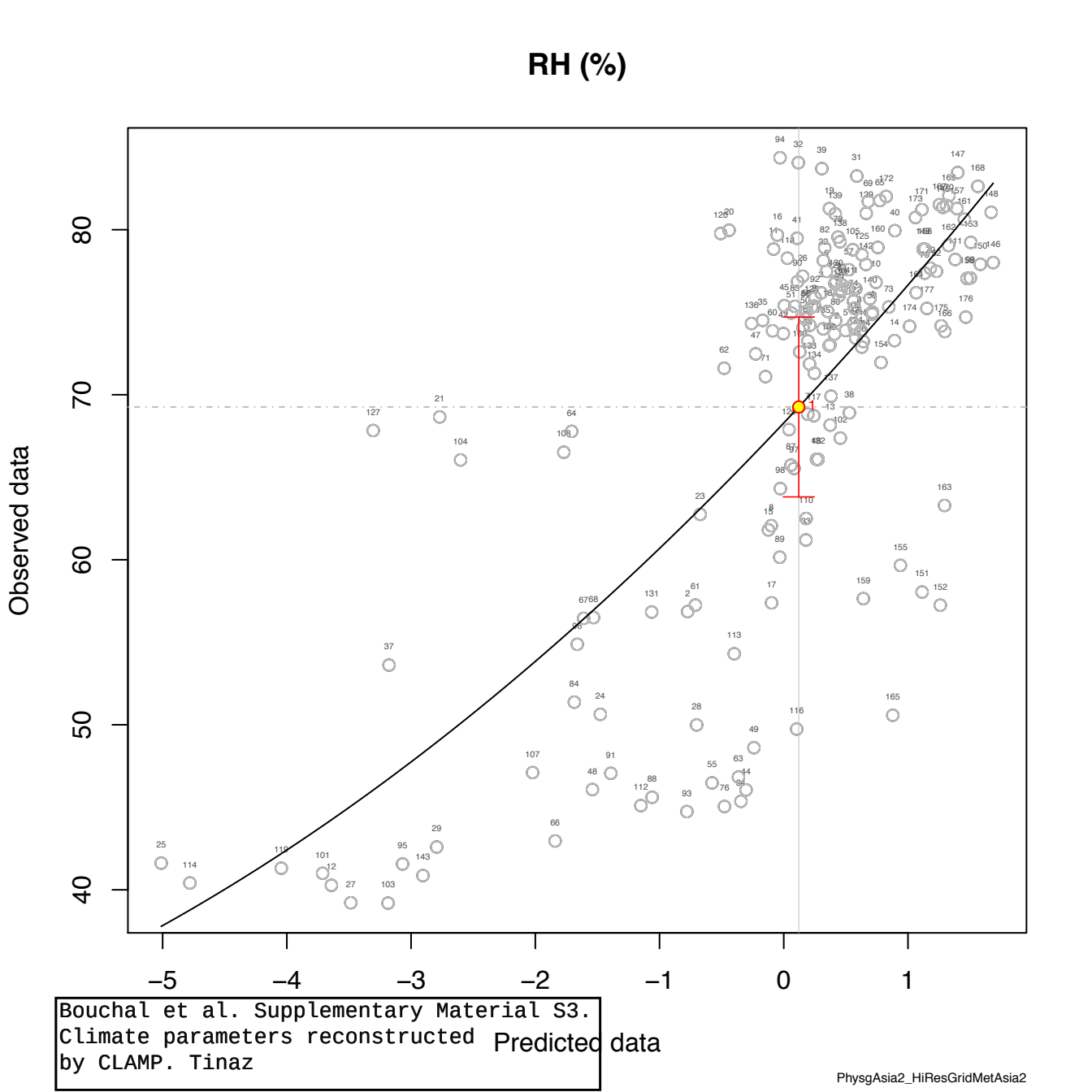
Bouchal et al. Supplementary Material S3. Climate parameters reconstructed by CLAMP. Tinaz

PhysgAsia2_HiResGridMetAsia2


X3.WET (cm)
Observed data
Predicted data
0
100
200
300
400
−2
−1
0
1
2
3
PhysgAsia2_HiResGridMetAsia2

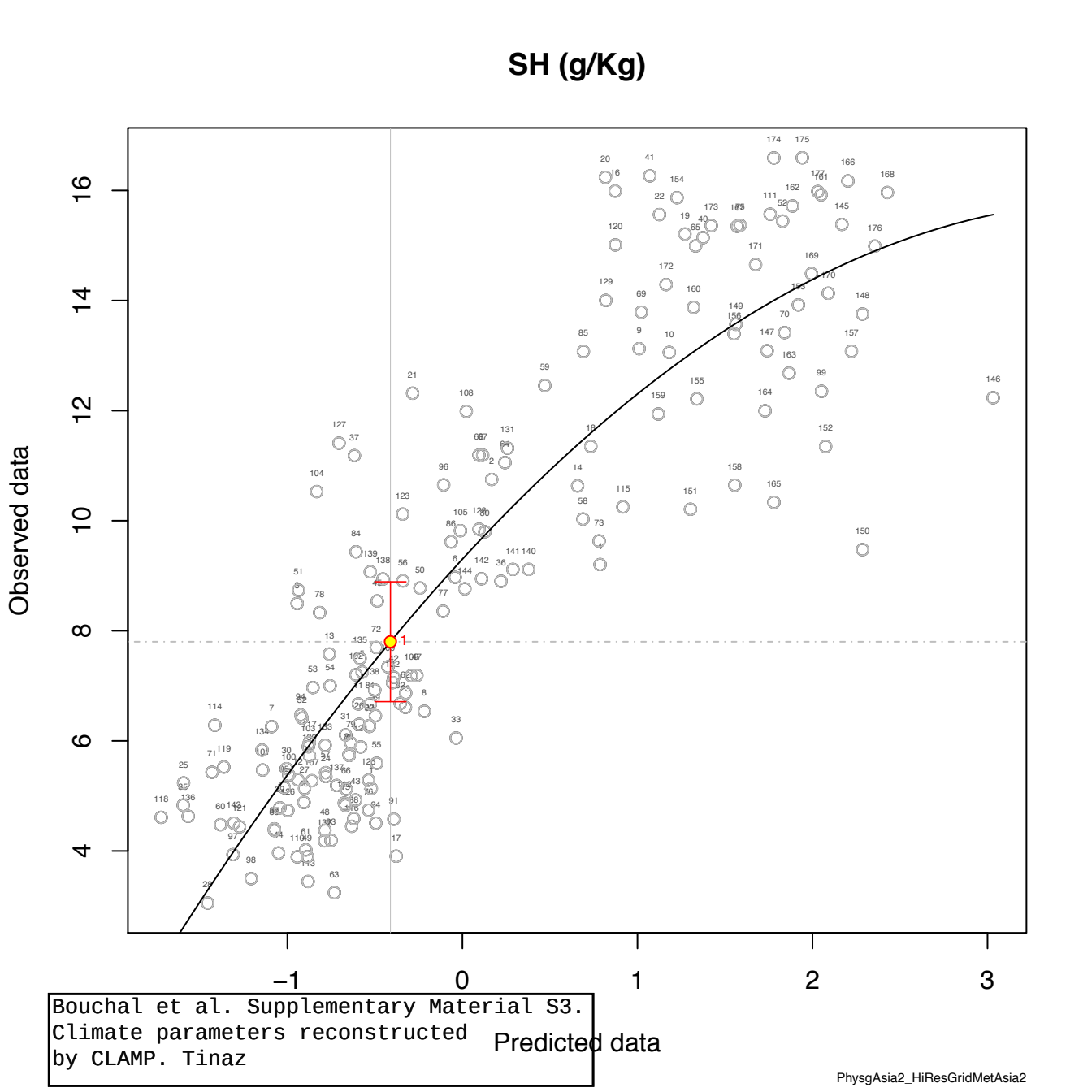


Bouchal et al. Supplementary Material S3.
Climate parameters reconstructed
by CLAMP. Tinaz



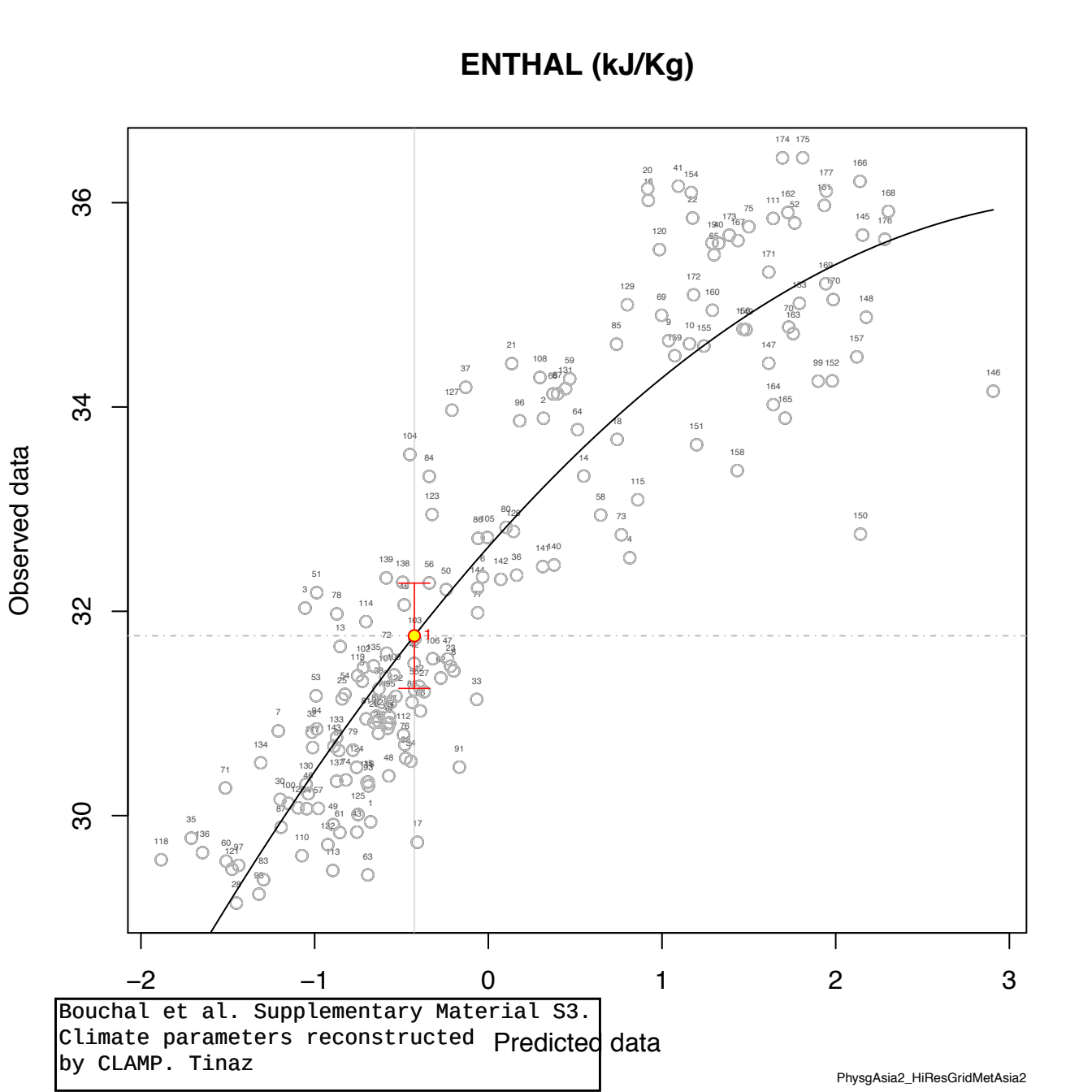
Bouchal et al. Supplementary Material S3.
Climate parameters reconstructed by CLAMP. Tinaz

PhysgAsia2_HiResGridMetAsia2



Bouchal et al. Supplementary Material S3. Climate parameters reconstructed by CLAMP. Tinaz

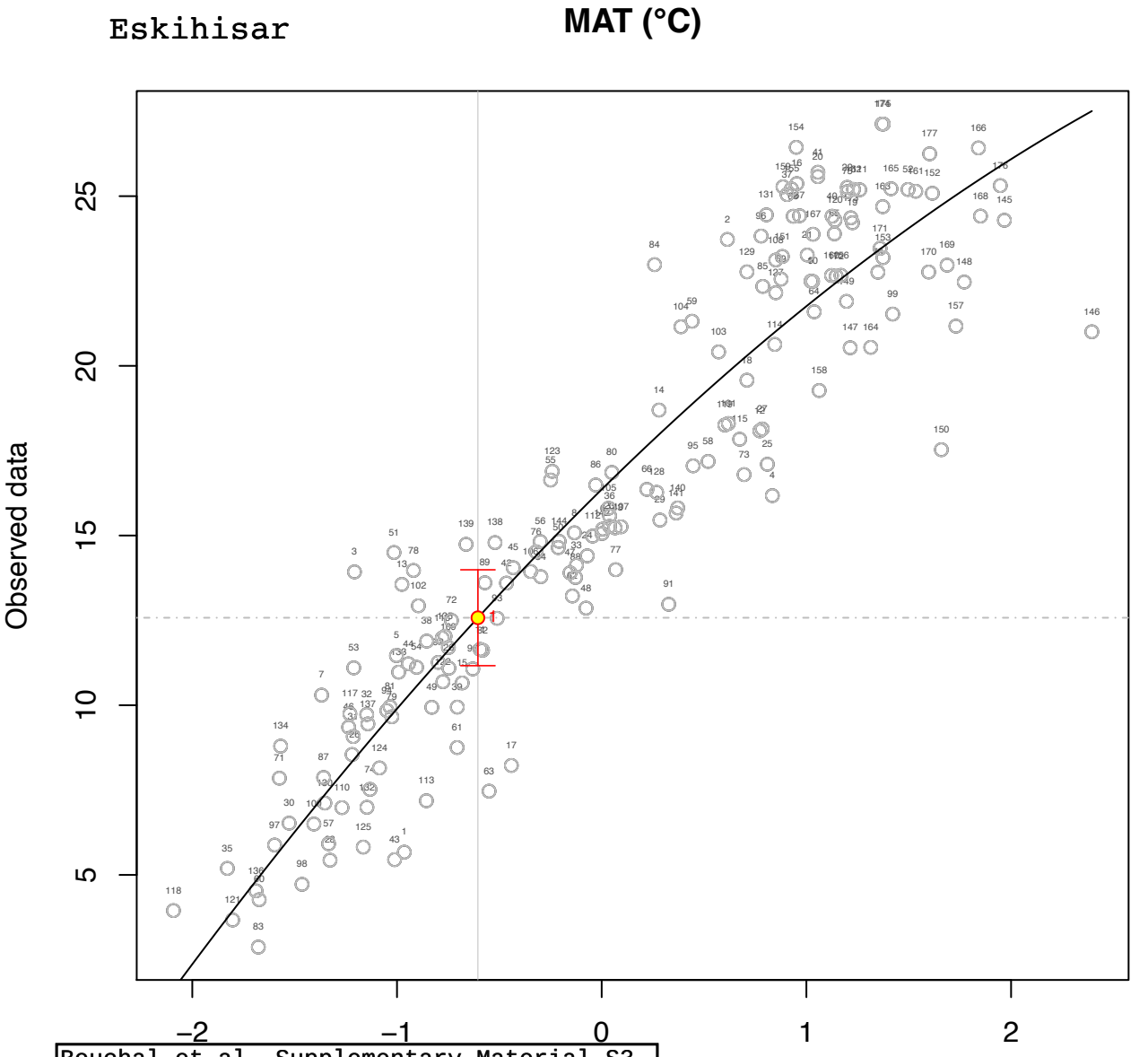
PhysgAsia2_HiResGridMetAsia2



Bouchal et al. Supplementary Material S3. Climate parameters reconstructed by CLAMP. Tinaz

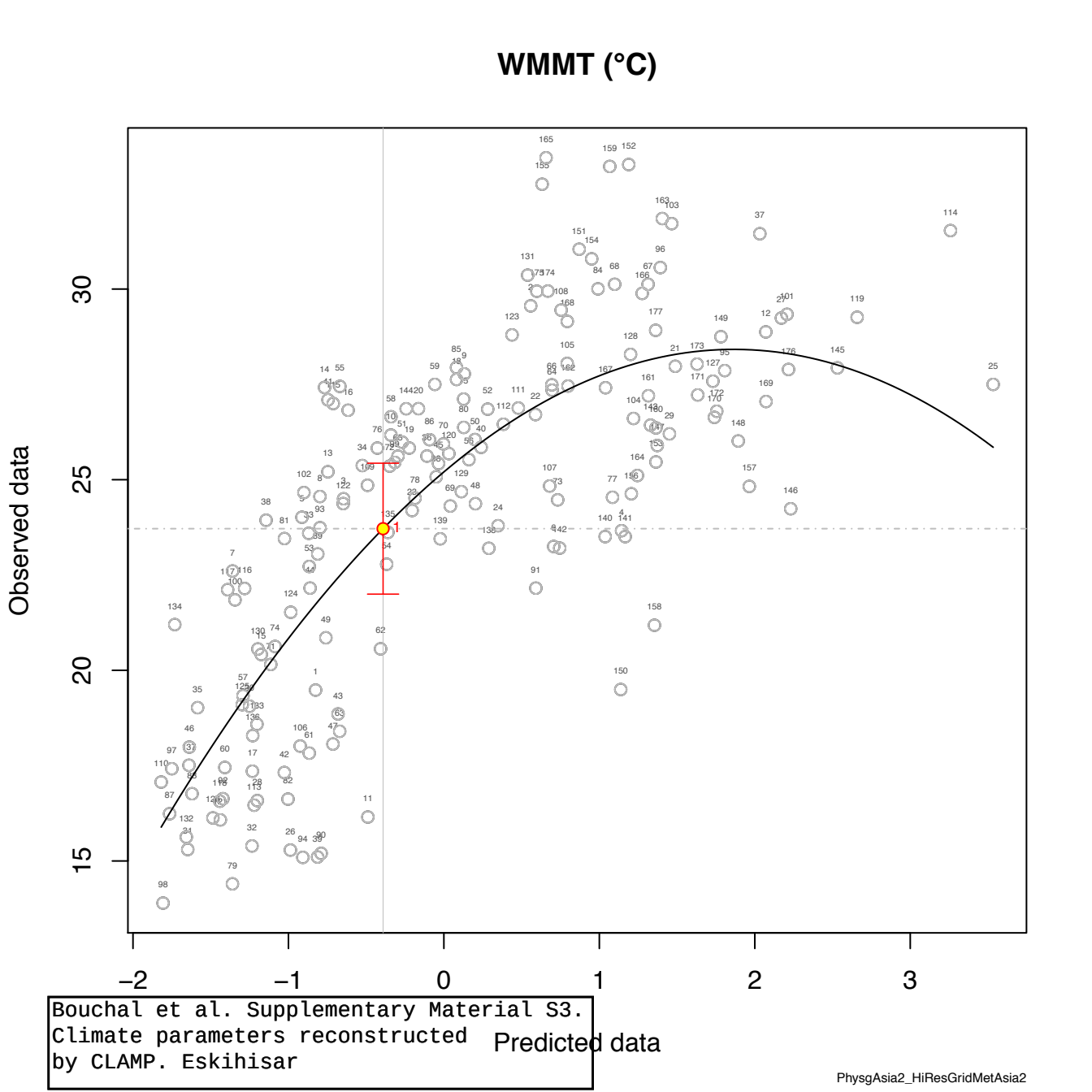
PhysgAsia2_HiResGridMetAsia2

Eskihisar



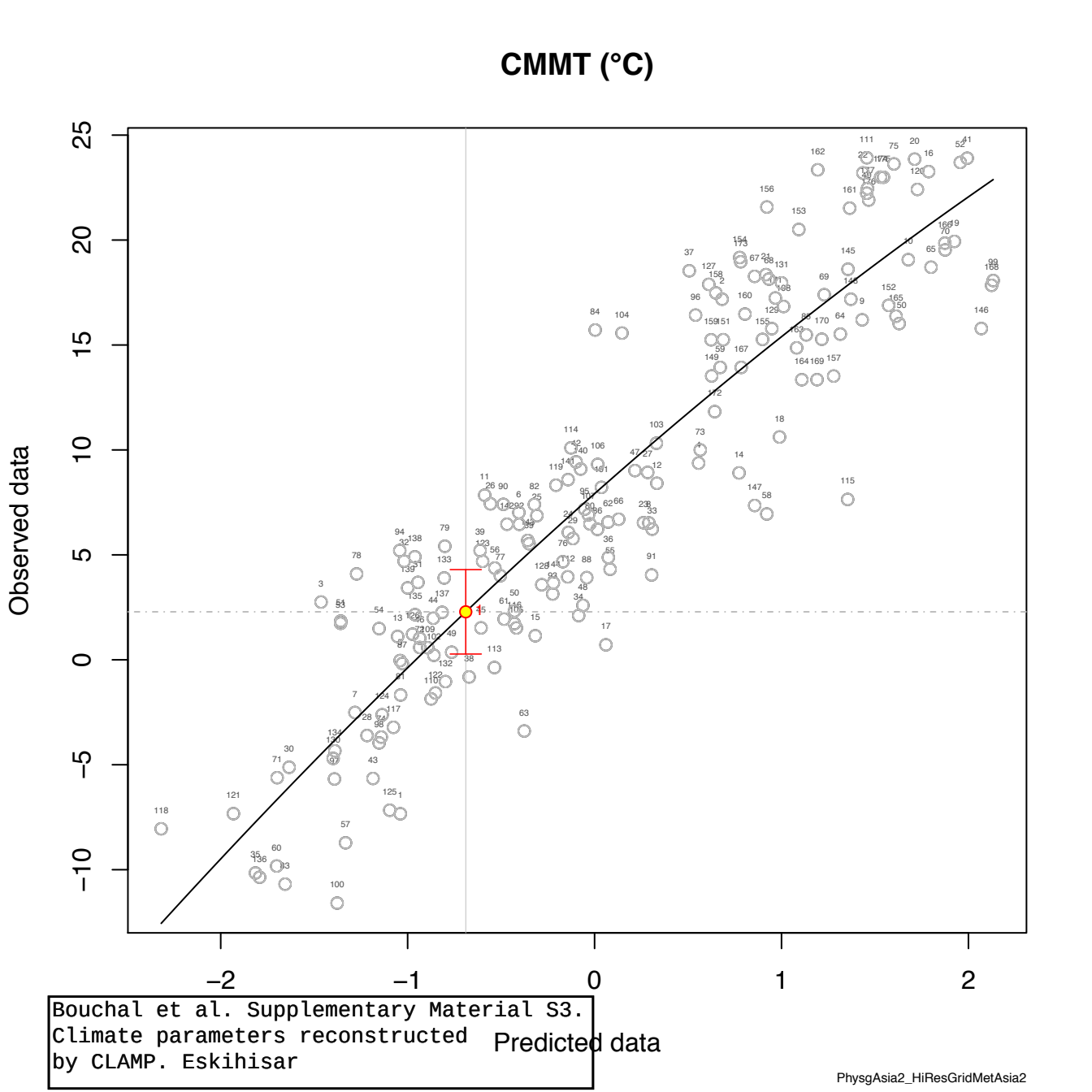
Bouchal et al. Supplementary Material S3.
Climate parameters reconstructed
by CLAMP. Eskihisar

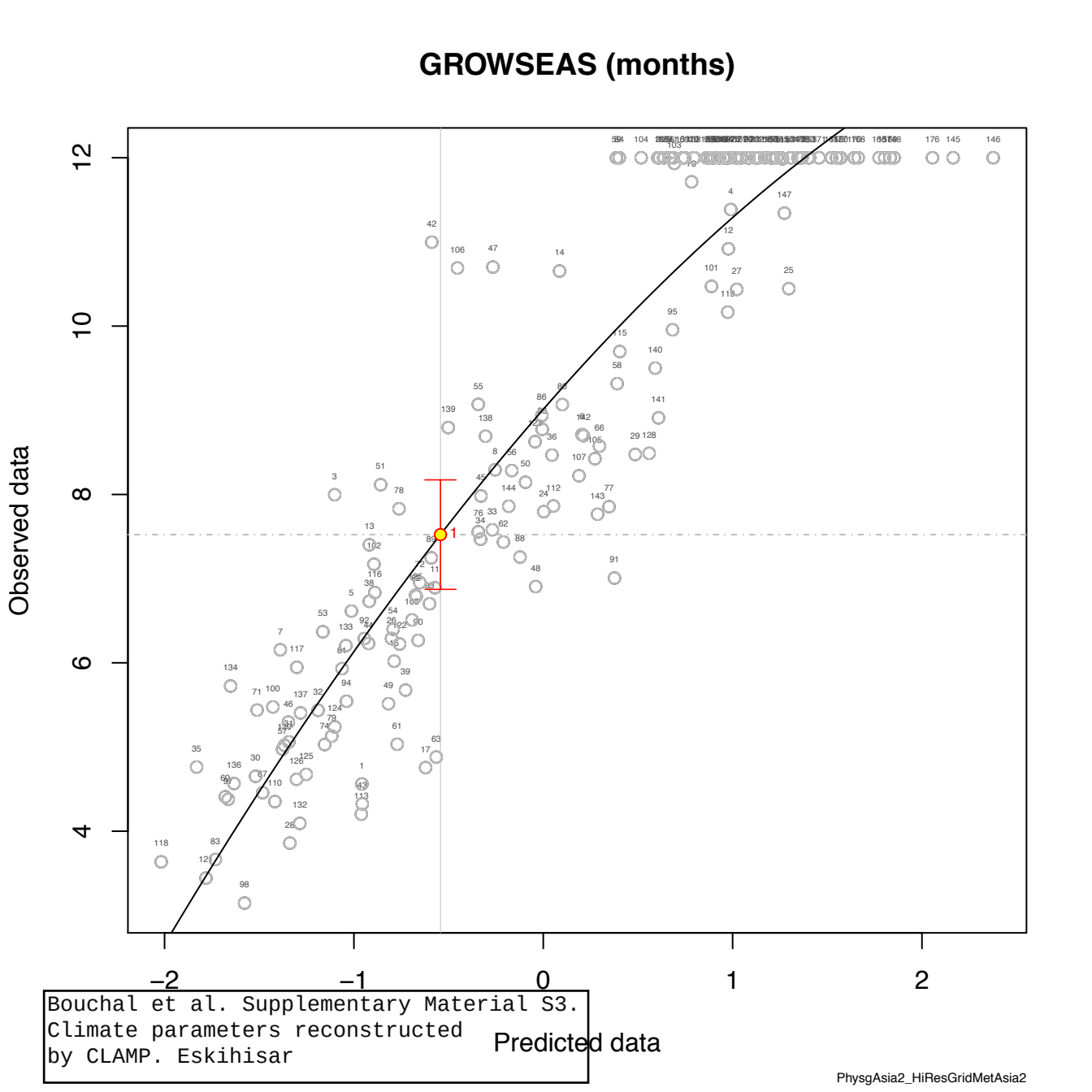
PhysgAsia2_HiResGridMetAsia2

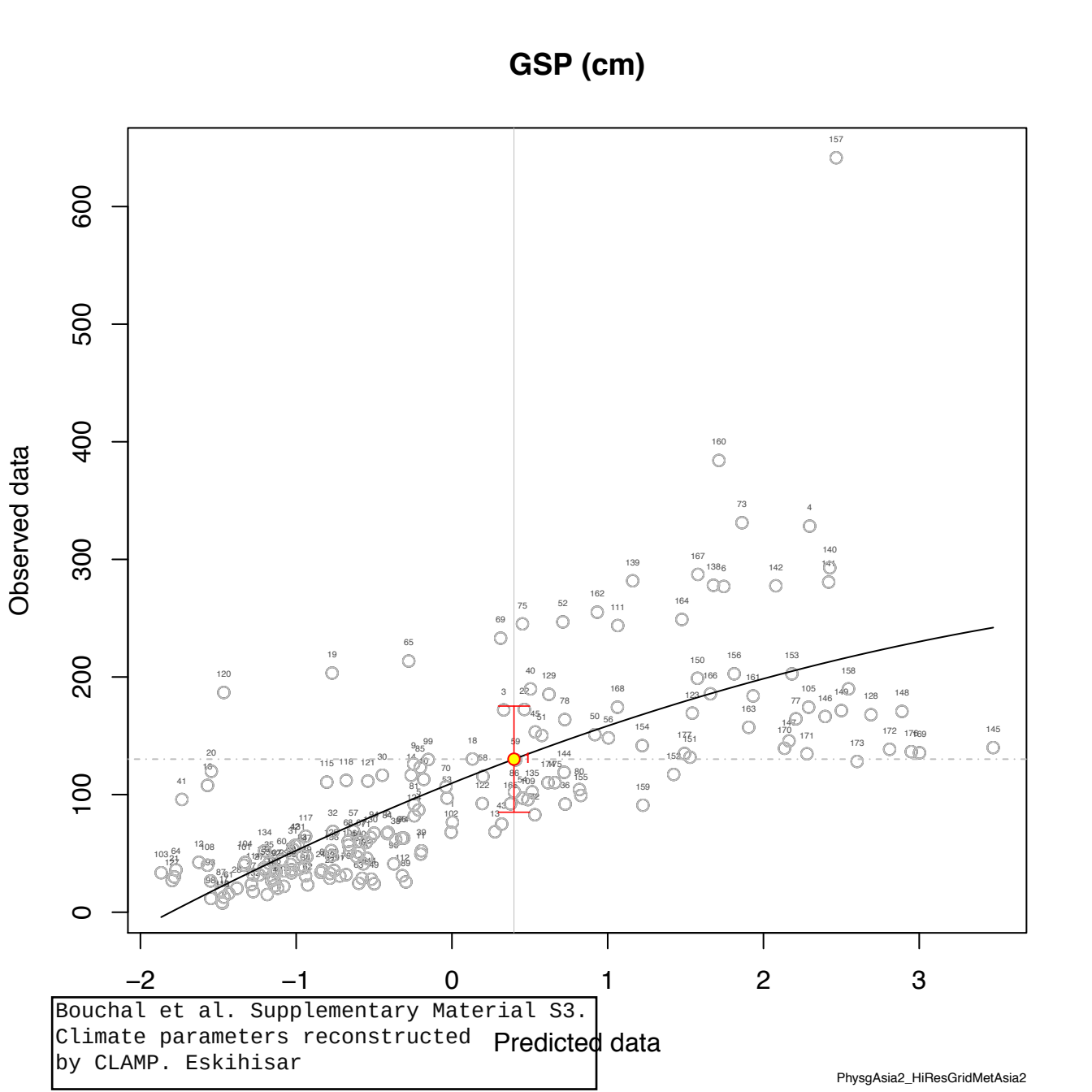


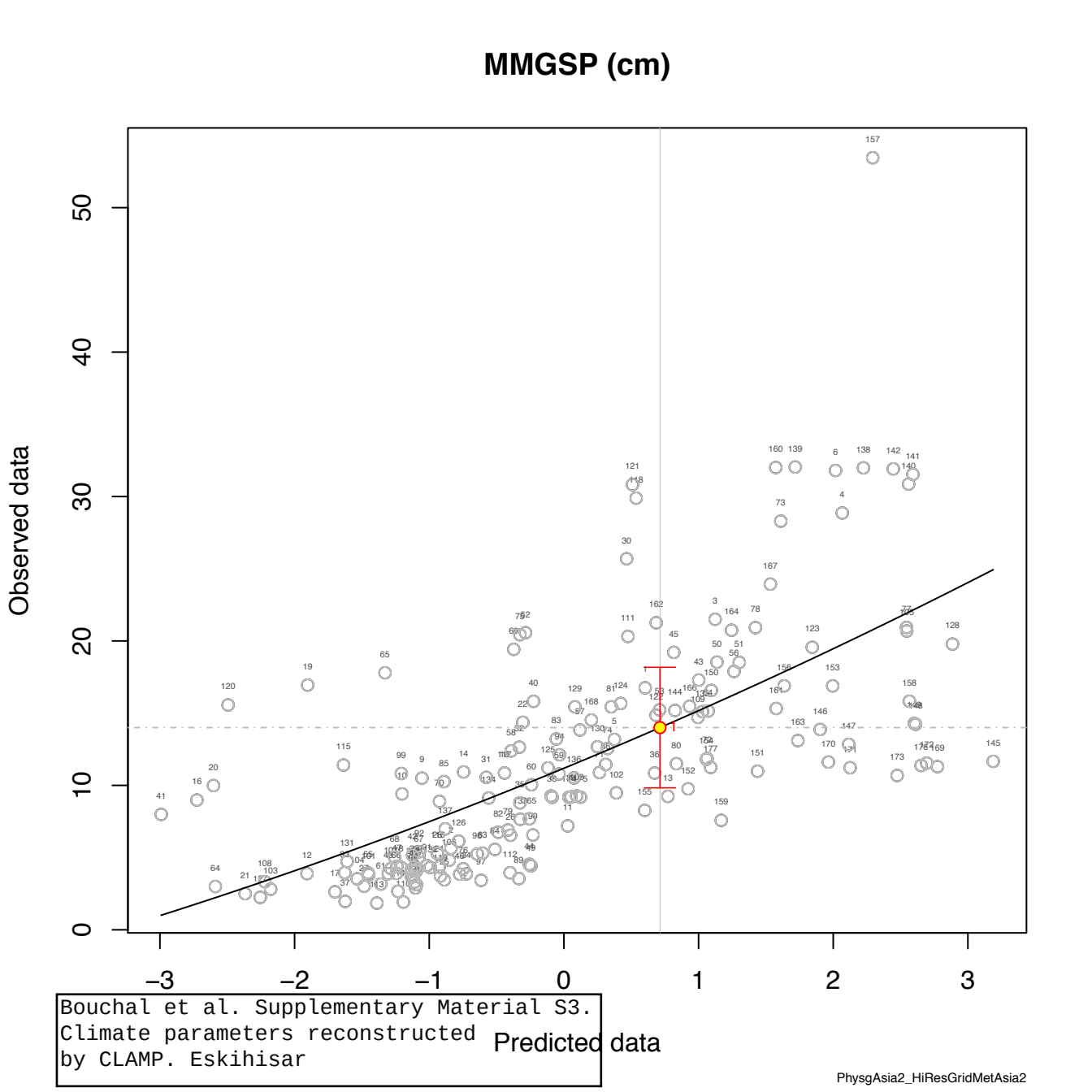
Bouchal et al. Supplementary Material S3.
Climate parameters reconstructed
by CLAMP. Eskihisar

PhysgAsia2_HiResGridMetAsia2


CMMT (°C)
Observed data
Predicted data
25
20
15
10
5
0
−5
−10
−2
−1
0
1
2
Bouchal et al. Supplementary Material S3.
Climate parameters reconstructed
by CLAMP. Eskihisar
PhysgAsia2_HiResGridMetAsia2

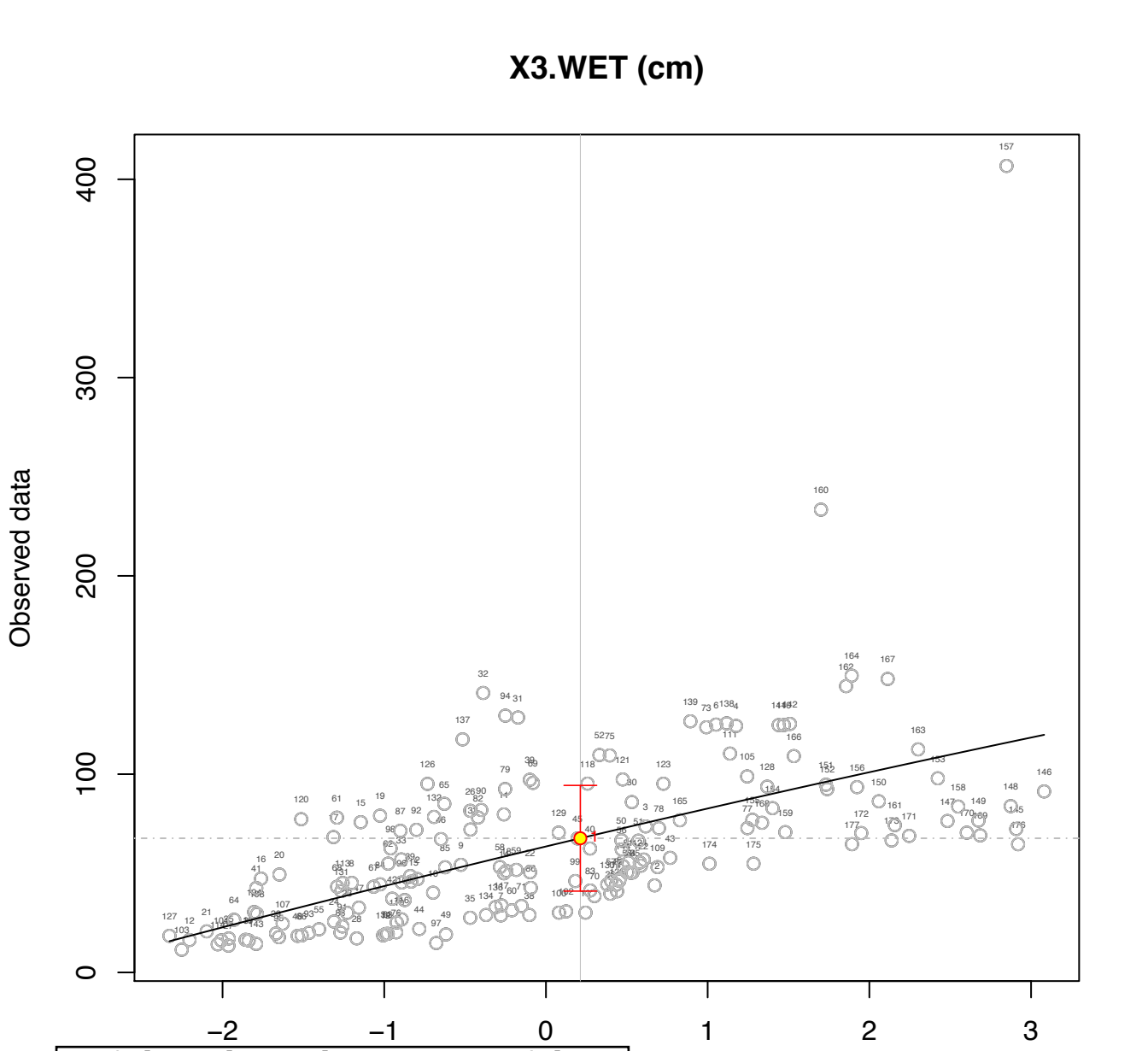

GROWSEAS (months)
Observed data
Predicted data
12
10
8
6
4
−2
−1
0
1
2
Bouchal et al. Supplementary Material S3.
Climate parameters reconstructed
by CLAMP. Eskihisar
PhysgAsia2_HiResGridMetAsia2


GSP (cm)
Observed data
Predicted data
0
100
200
300
400
500
600
−2
−1
0
1
2
3
Bouchal et al. Supplementary Material S3.
Climate parameters reconstructed
by CLAMP. Eskihisar
PhysgAsia2_HiResGridMetAsia2



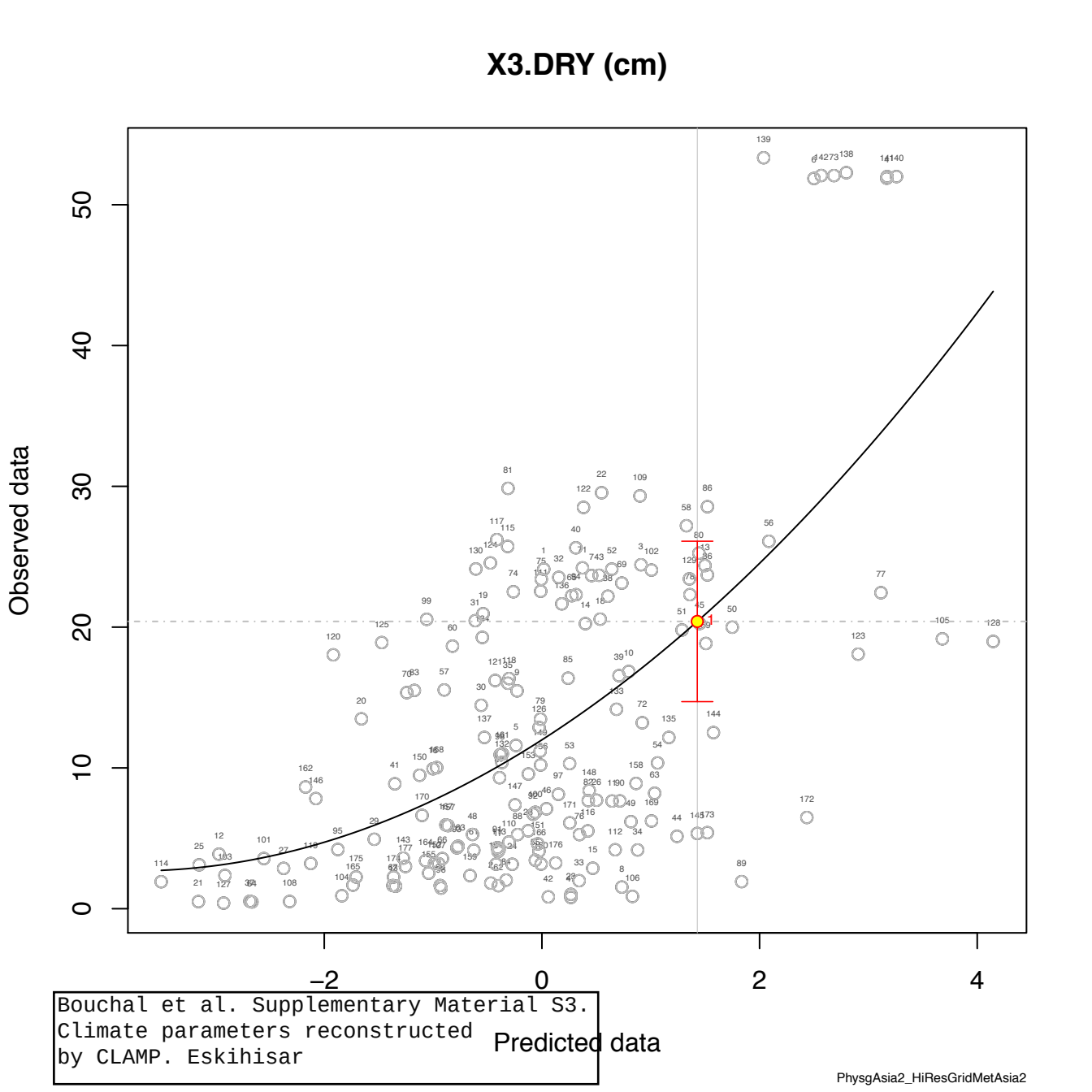
Bouchal et al. Supplementary Material S3.
Climate parameters reconstructed
by CLAMP. Eskihisar

PhysgAsia2_HiResGridMetAsia2

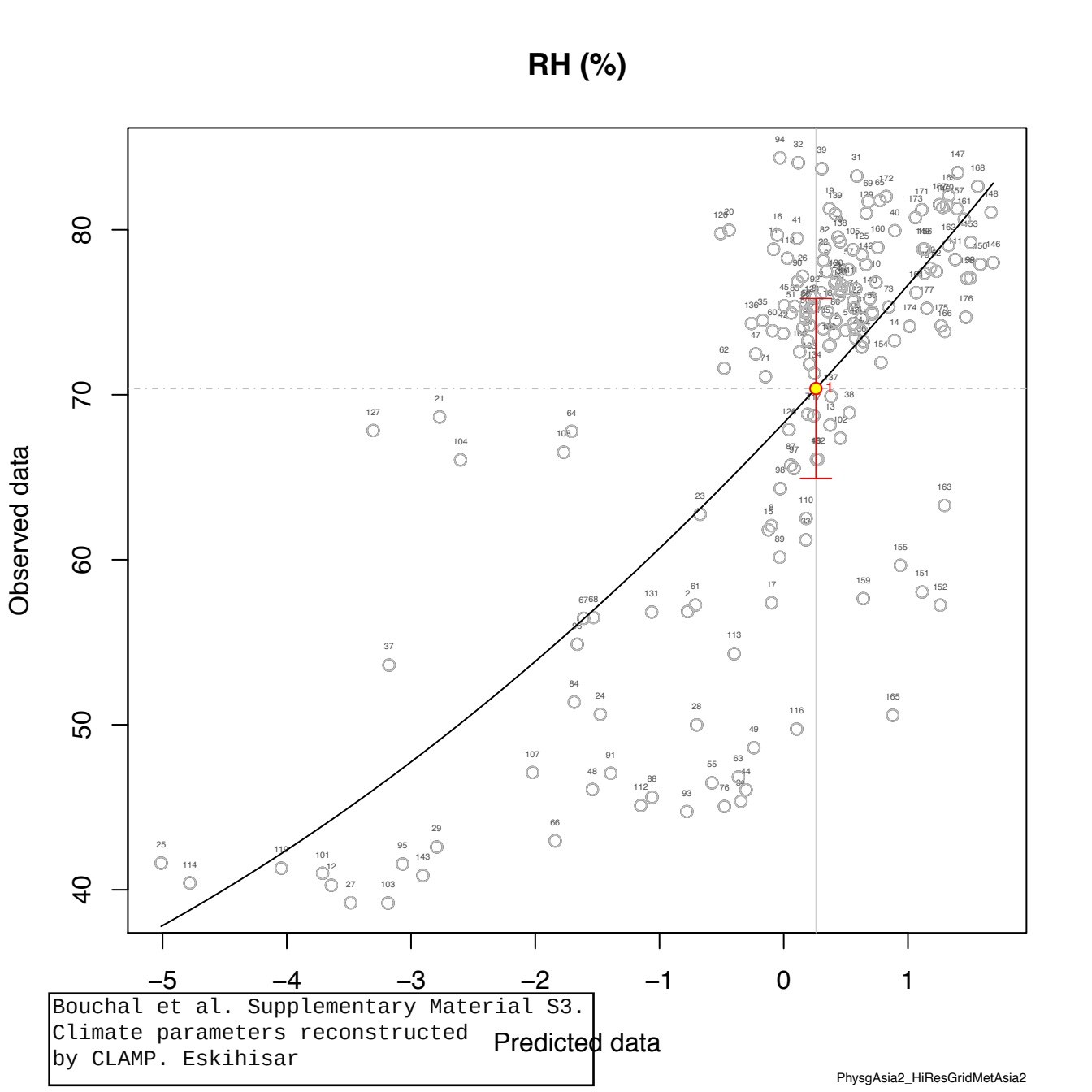


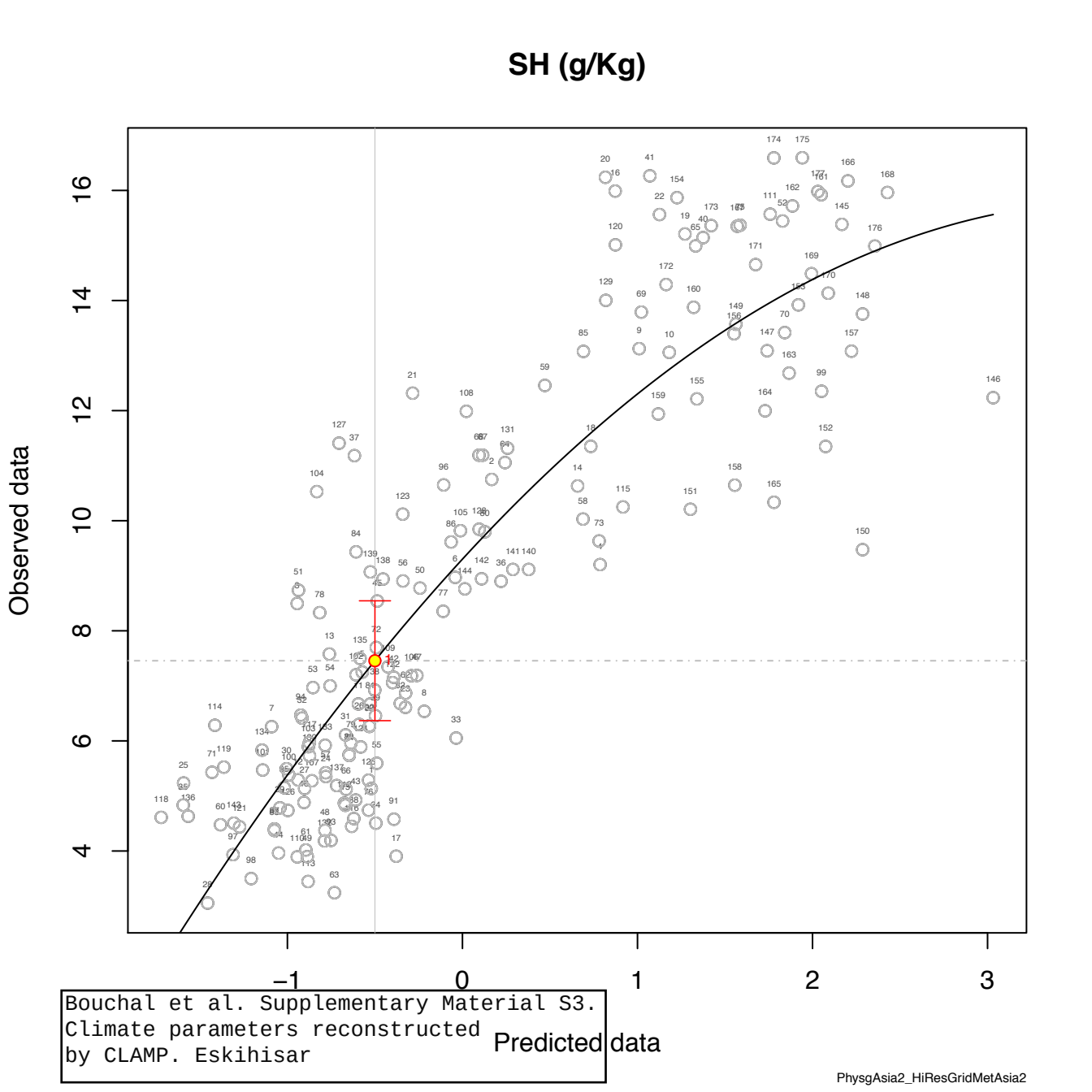
Bouchal et al. Supplementary Material S3. Climate parameters reconstructed by CLAMP. Eskihisar

PhysgAsia2_HiResGridMetAsia2



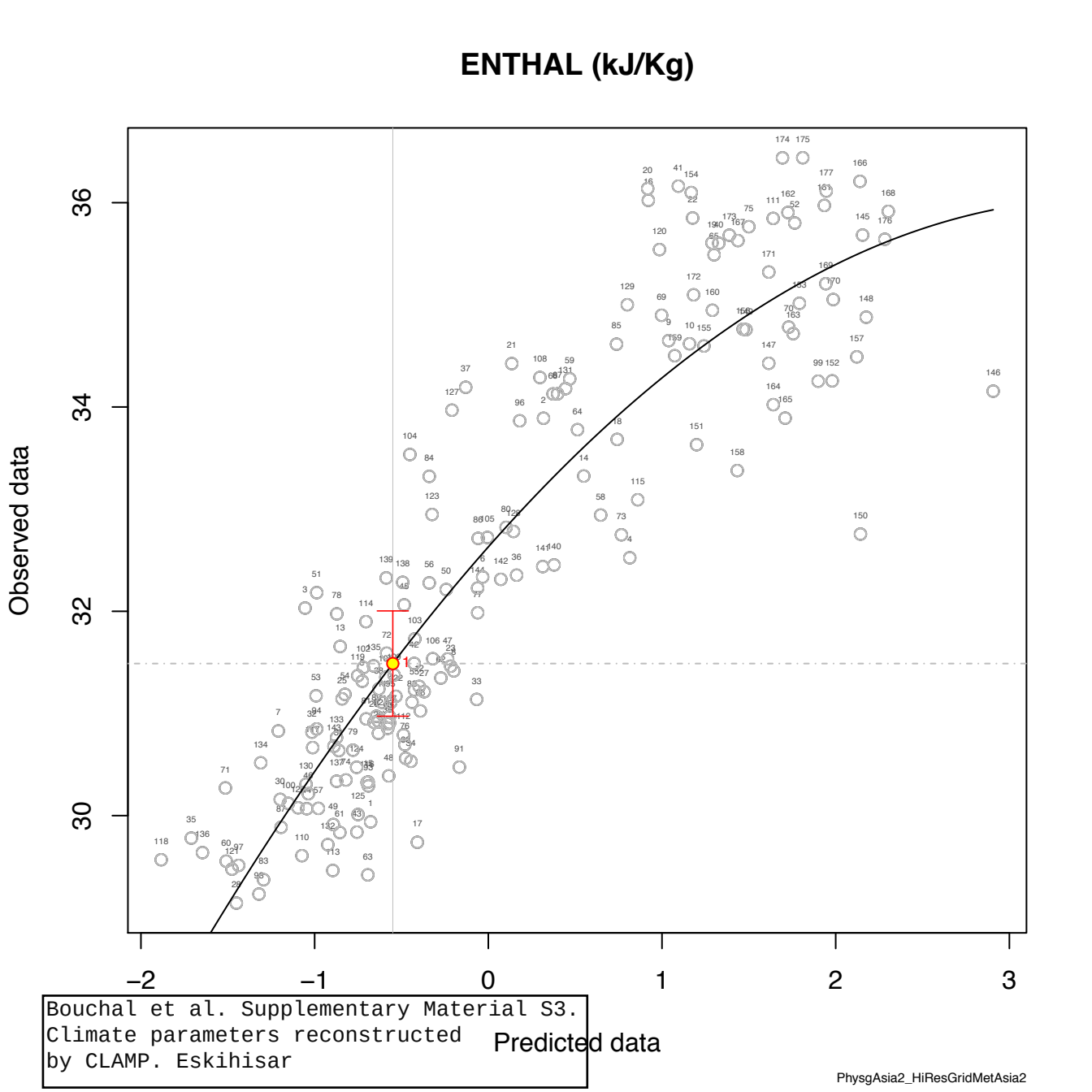
Bouchal et al. Supplementary Material S3.
Climate parameters reconstructed
by CLAMP. Eskihisar


RH (%)
Observed data
Predicted data
40
50
60
70
80
−5
−4
−3
−2
−1
0
1
Bouchal et al. Supplementary Material S3.
Climate parameters reconstructed
by CLAMP. Eskihisar
PhysgAsia2_HiResGridMetAsia2



Bouchal et al. Supplementary Material S3.
Climate parameters reconstructed
by CLAMP. Eskihisar

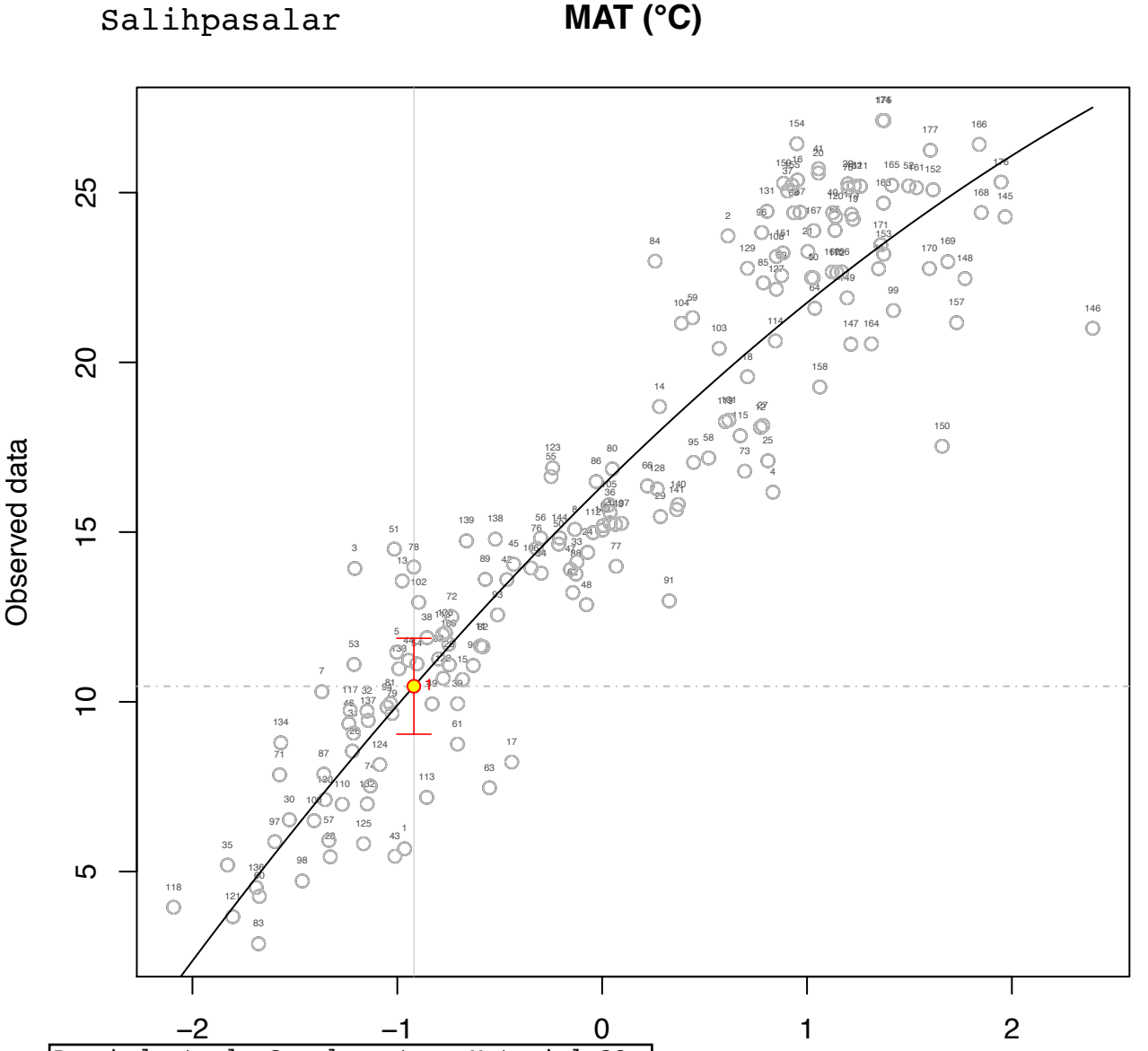
PhysgAsia2_HiResGridMetAsia2



Bouchal et al. Supplementary Material S3.
Climate parameters reconstructed
by CLAMP. Eskihisar

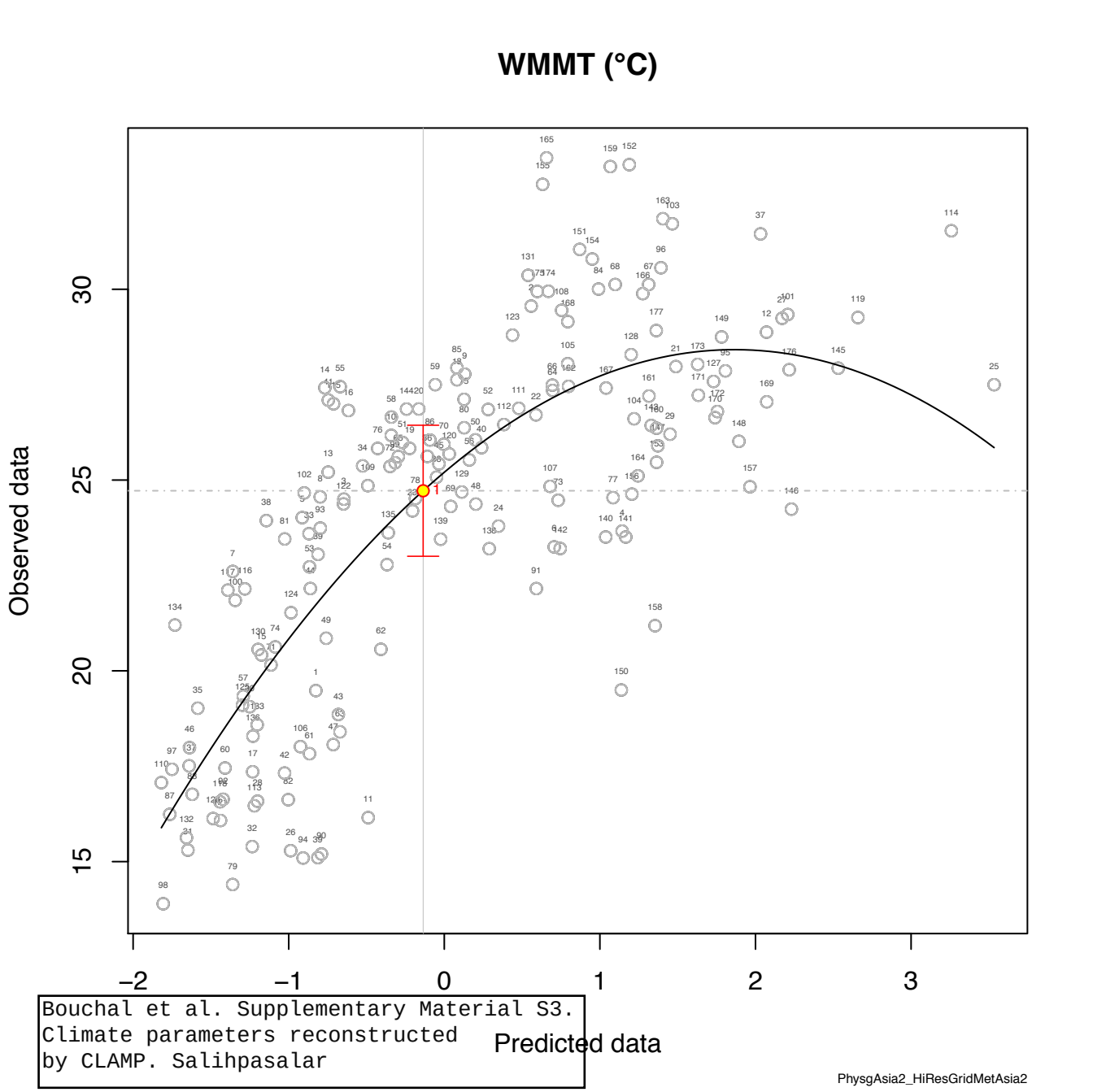
PhysgAsia2_HiResGridMetAsia2

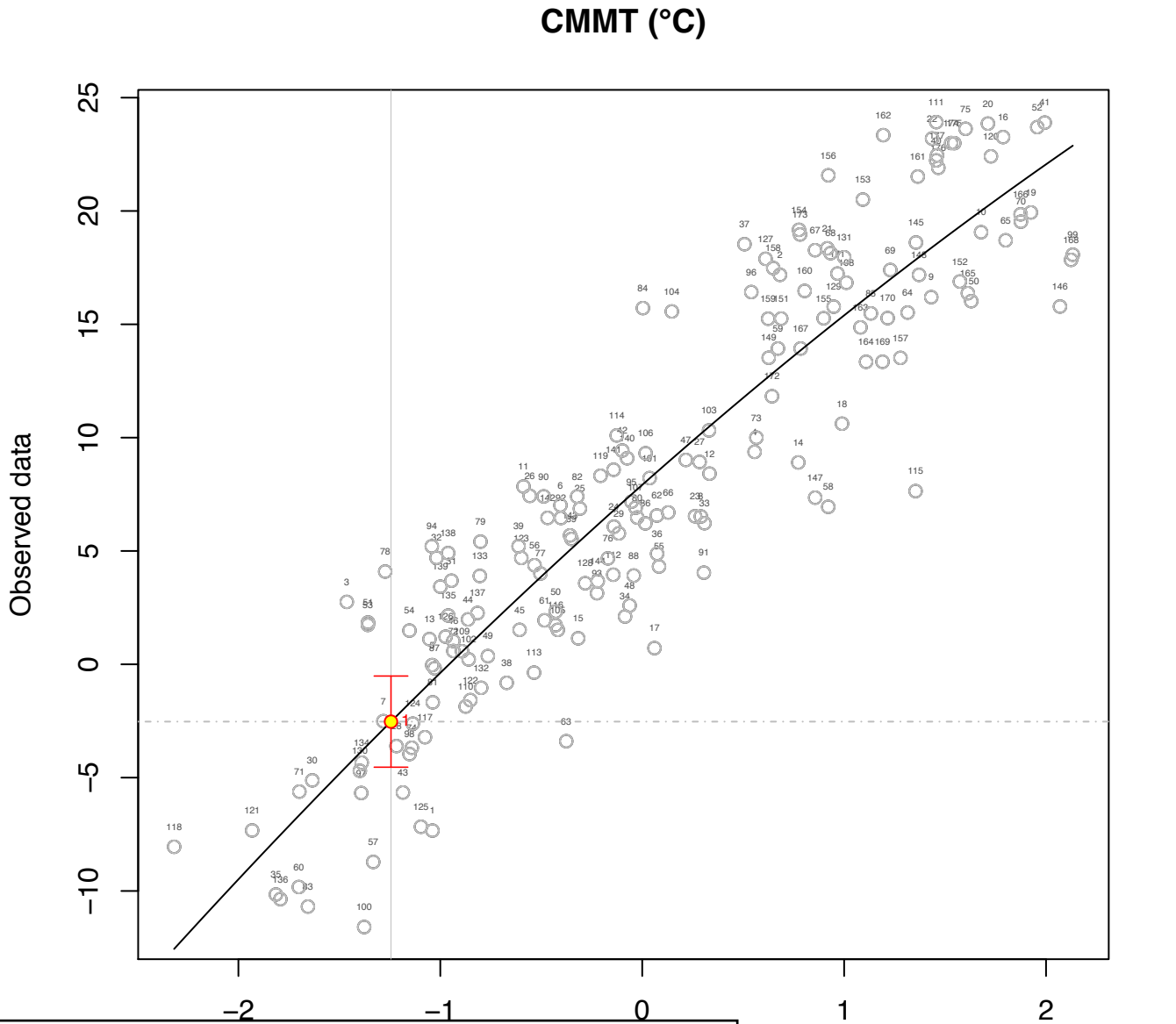
Salihpasalar



Bouchal et al. Supplementary Material S3.
Climate parameters reconstructed
by CLAMP. Salihpasalar

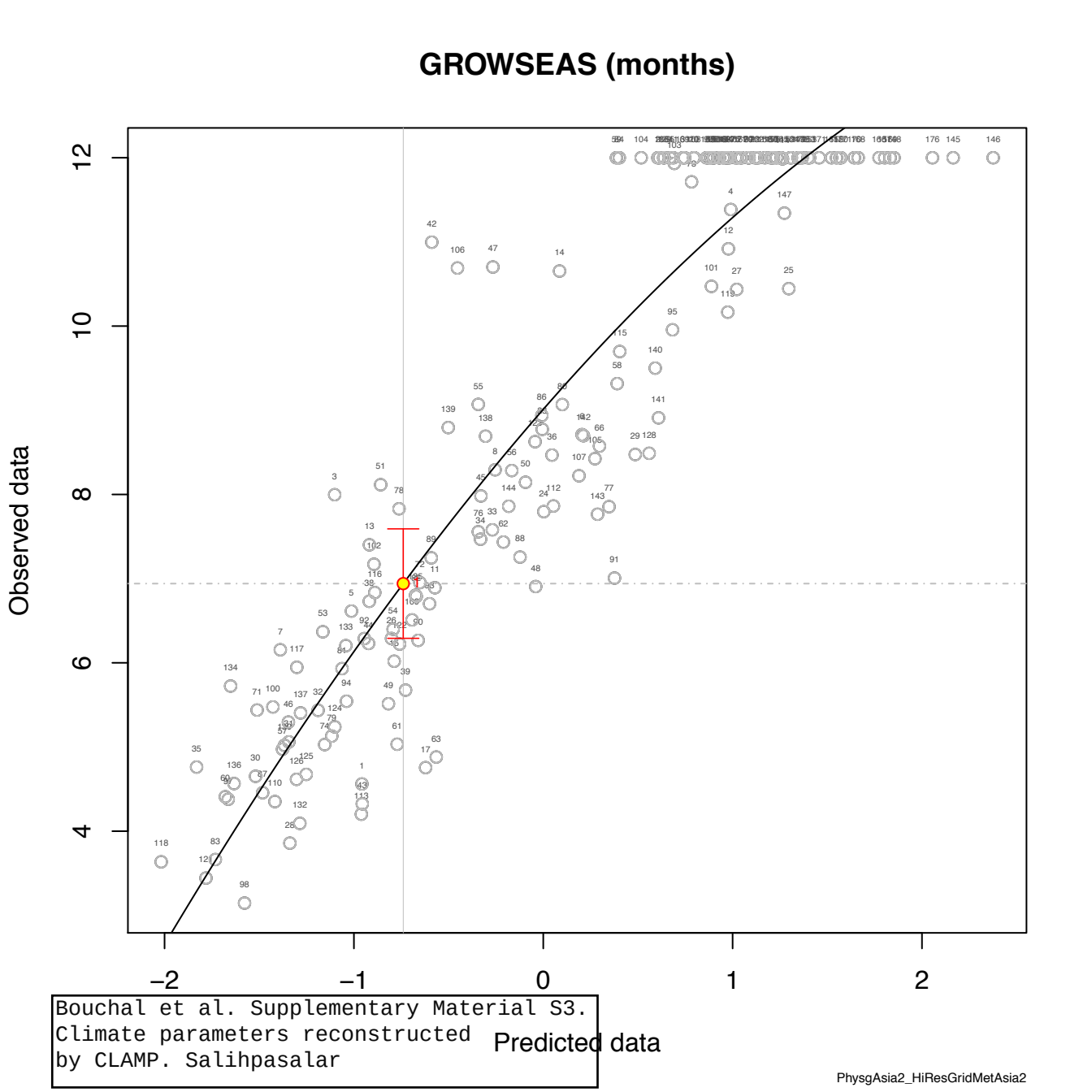
PhysgAsia2_HiResGridMetAsia2


WMMT (°C)
Observed data
Predicted data
15
20
25
30
−2
−1
0
1
2
3
Bouchal et al. Supplementary Material S3.
Climate parameters reconstructed
by CLAMP. Salihpasalar
PhysgAsia2_HiResGridMetAsia2



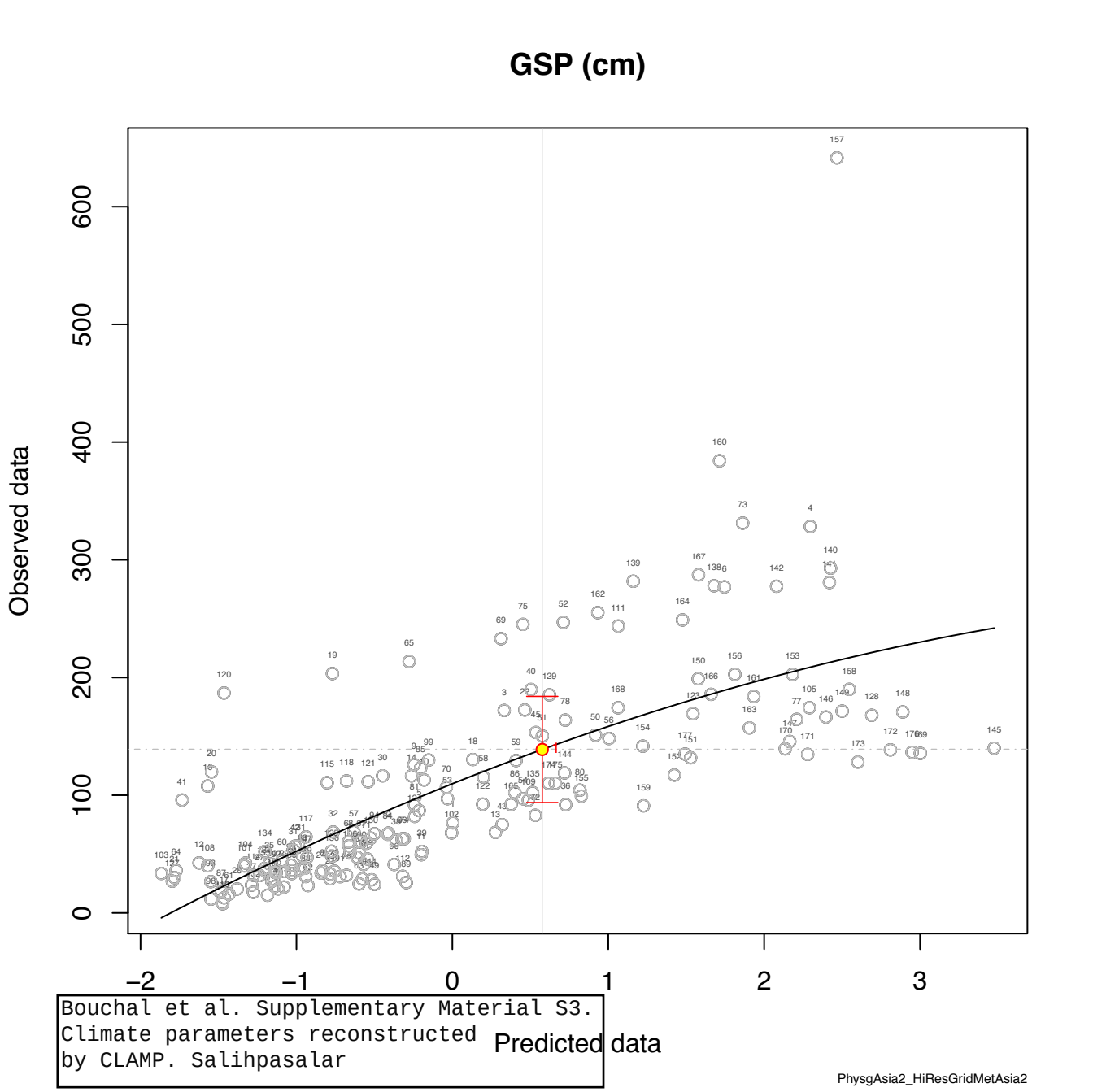
chal et al. Supplementary Material S3.
mate parameters reconstructed
CLAMP. Salihpasalar

PhysgAsia2_HiResGridMetAsia2



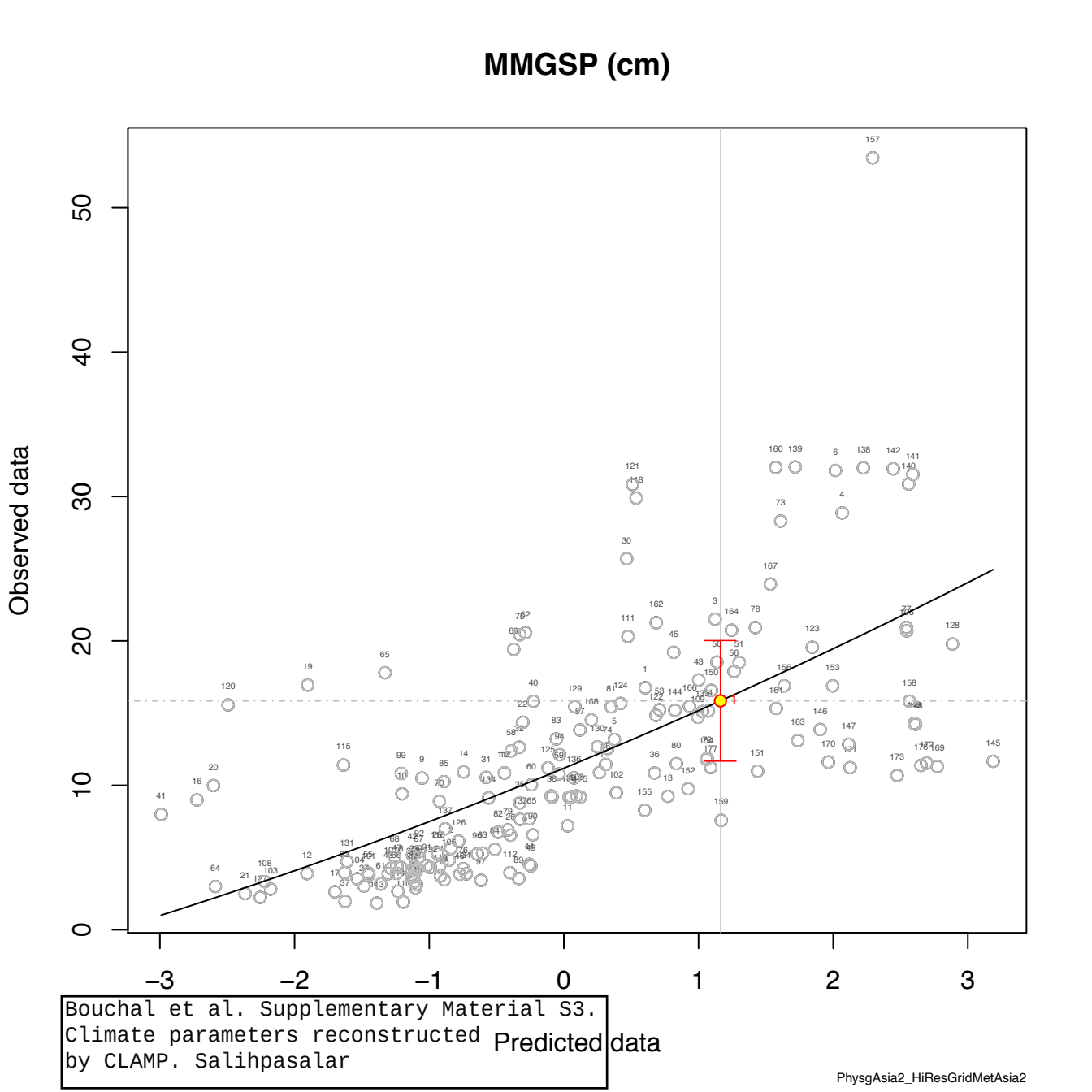
Bouchal et al. Supplementary Material S3.
Climate parameters reconstructed by CLAMP. Salihpasalar

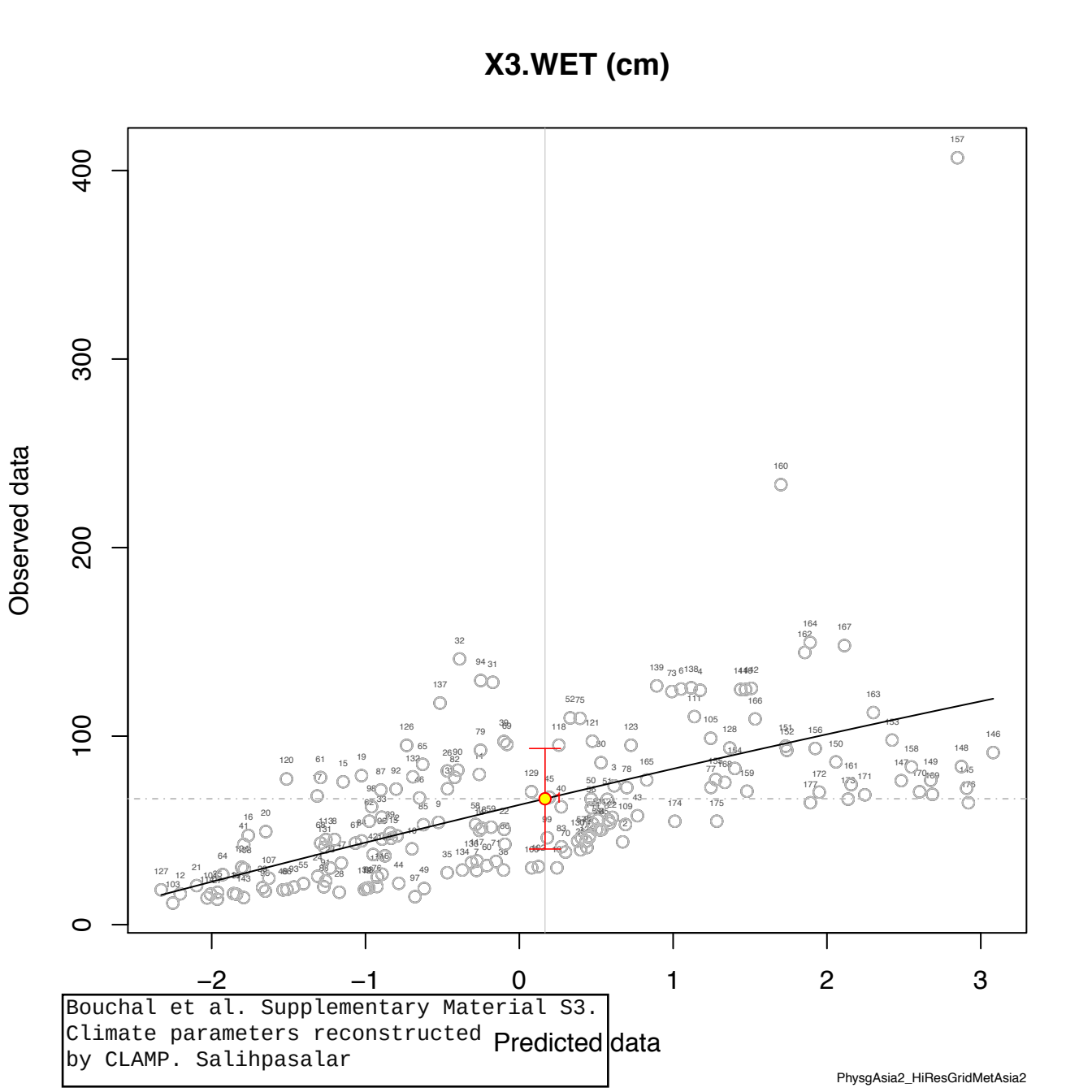
PhysgAsia2_HiResGridMetAsia2



Bouchal et al. Supplementary Material S3. Climate parameters reconstructed by CLAMP. Salihpasalar

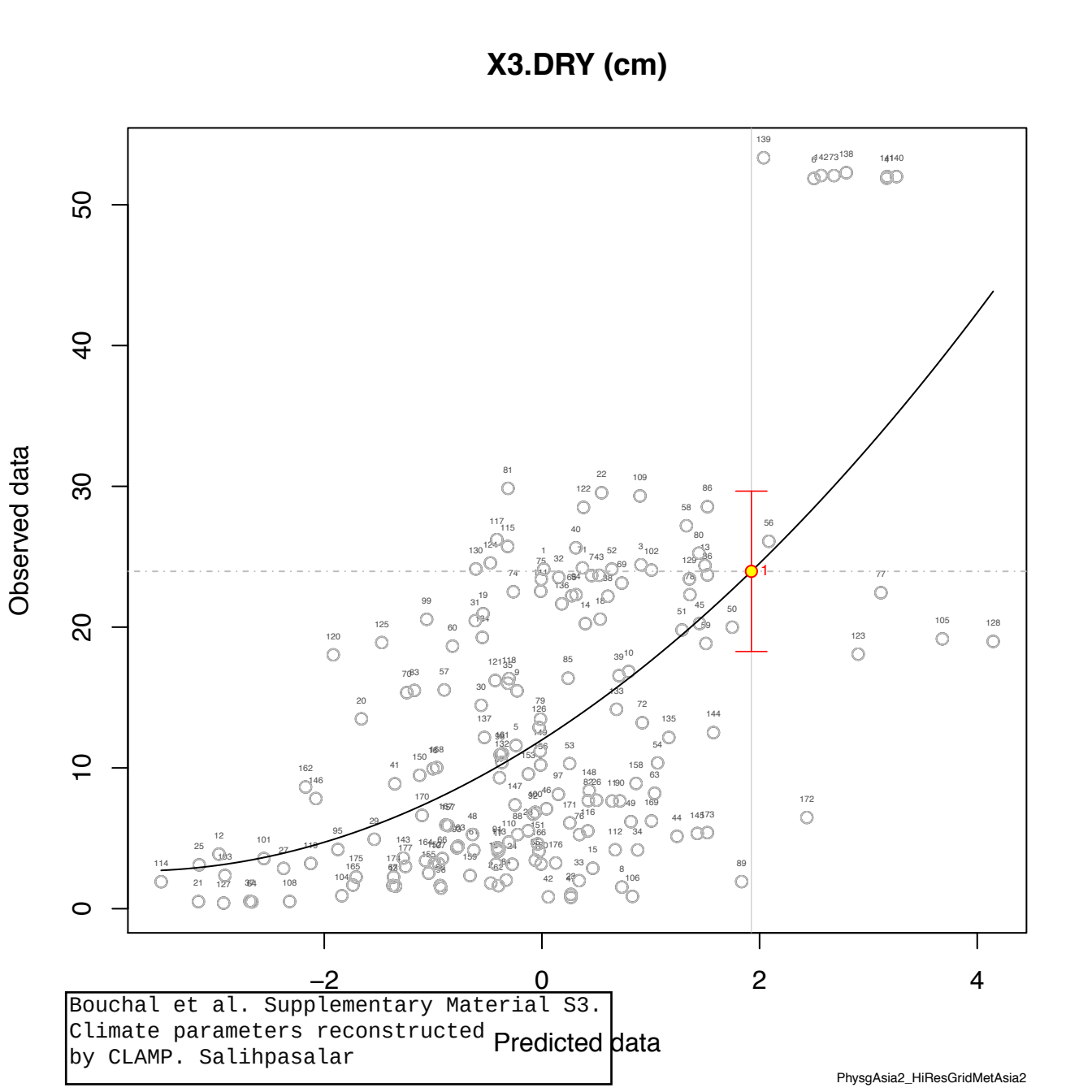
PhysgAsia2_HiResGridMetAsia2


MMGSP (cm)
Observed data
Predicted data
0
10
20
30
40
50
−3
−2
−1
0
1
2
3
Bouchal et al. Supplementary Material S3.
Climate parameters reconstructed
by CLAMP. Salihpasalar
PhysgAsia2_HiResGridMetAsia2



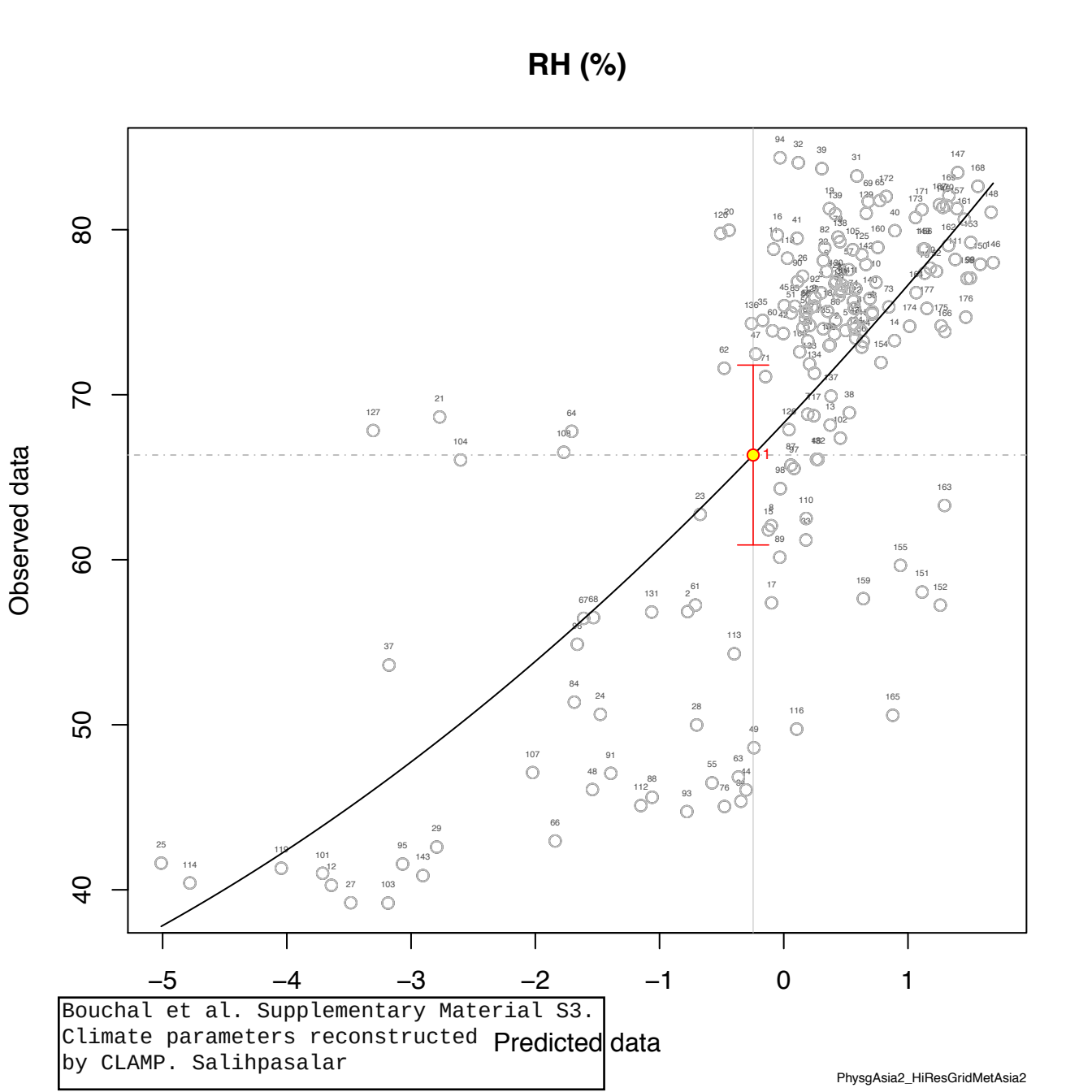
Bouchal et al. Supplementary Material S3.
Climate parameters reconstructed by CLAMP. Salihpasalar

PhysgAsia2_HiResGridMetAsia2



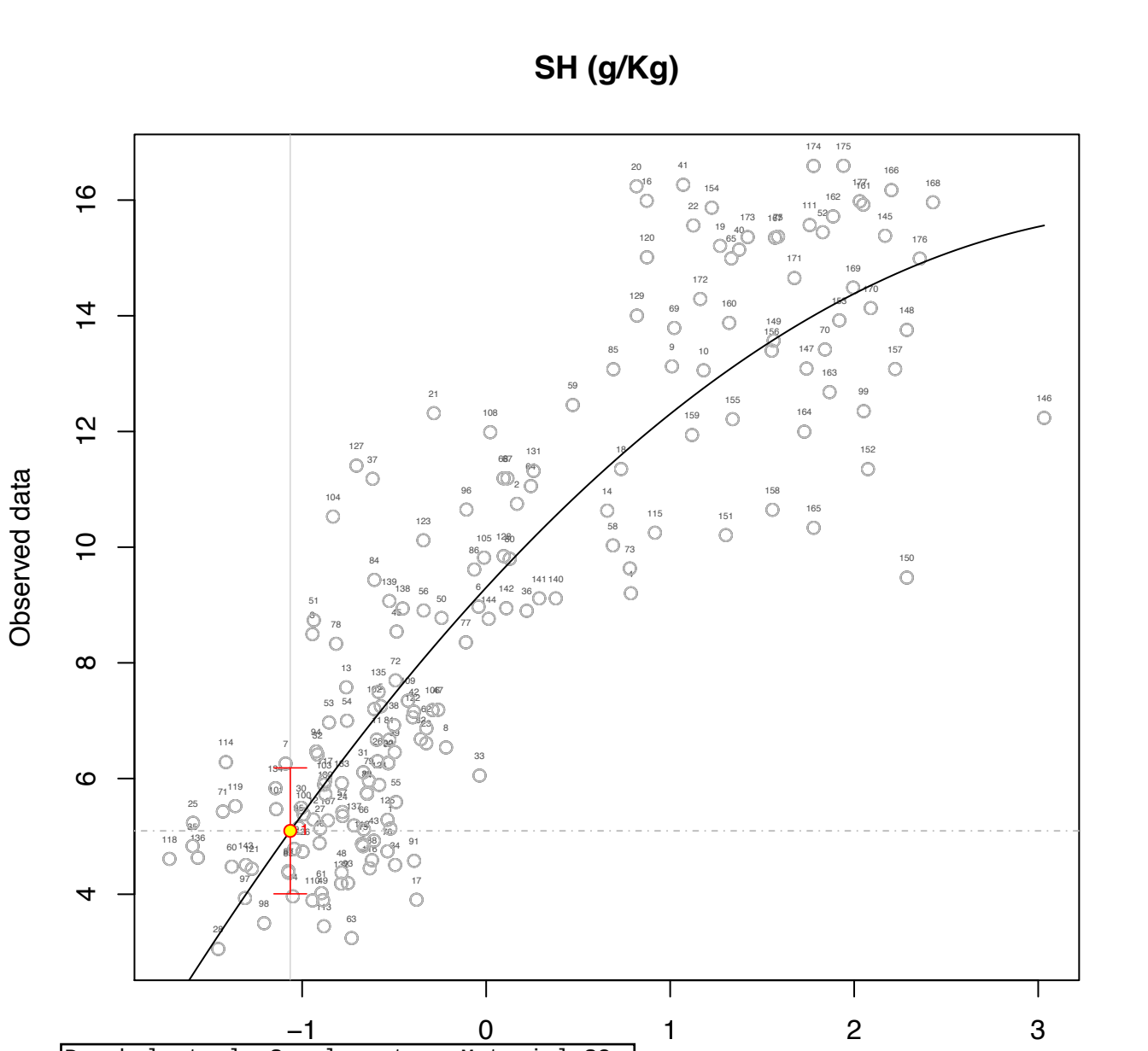
Bouchal et al. Supplementary Material S3. Climate parameters reconstructed by CLAMP. Salihpasalar

PhysgAsia2_HiResGridMetAsia2



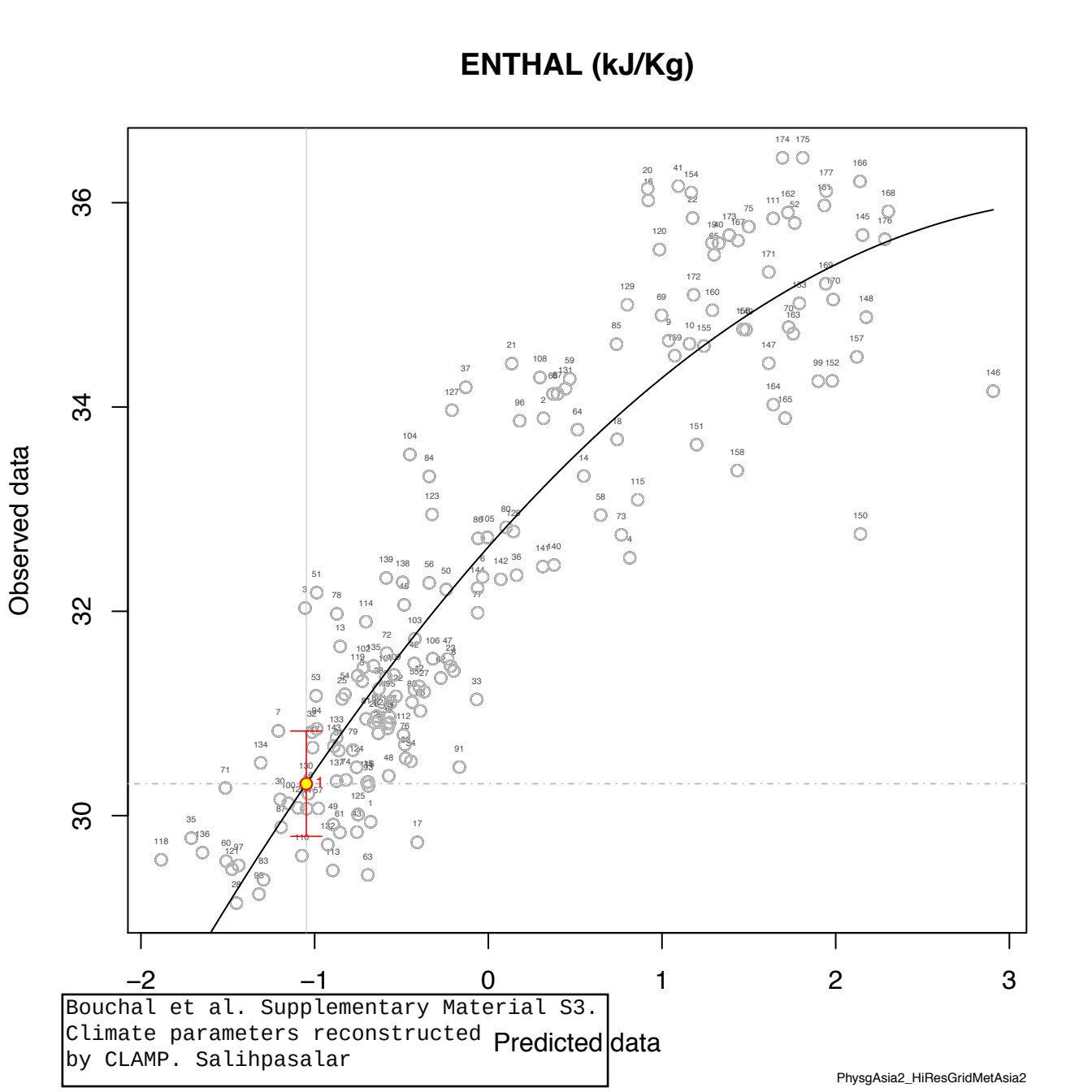
Bouchal et al. Supplementary Material S3. Climate parameters reconstructed by CLAMP. Salihpasalar

PhysgAsia2_HiResGridMetAsia2



Bouchal et al. Supplementary Material S3. Climate parameters reconstructed by CLAMP. Salihpasalar

PhysgAsia2_HiResGridMetAsia2



Bouchal et al. Supplementary Material S3.
Climate parameters reconstructed by CLAMP. Salihpasalar

PhysgAsia2_HiResGridMetAsia2