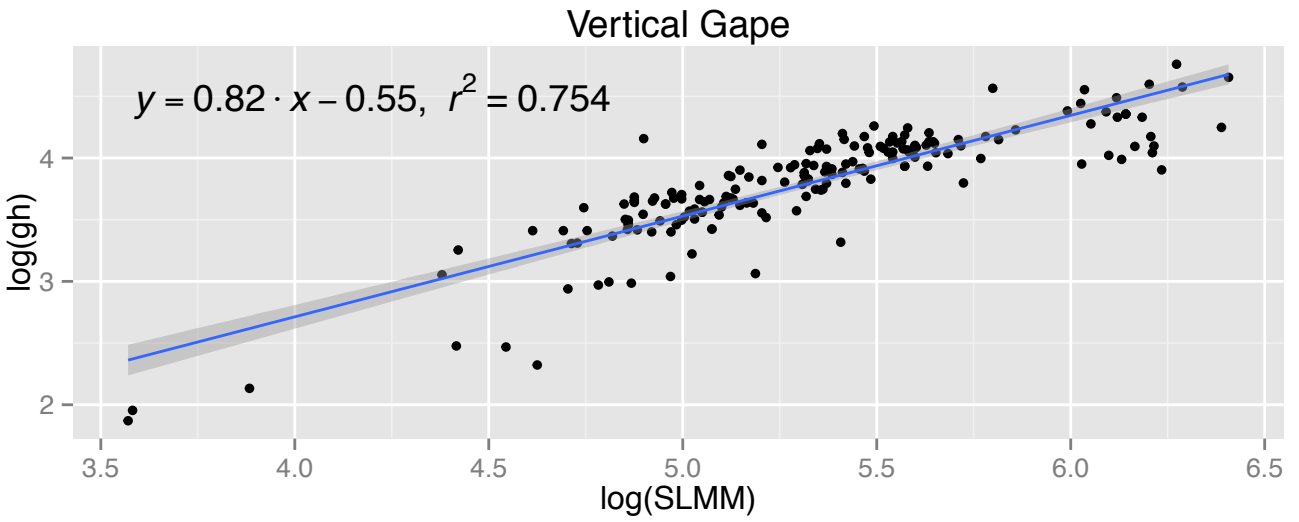
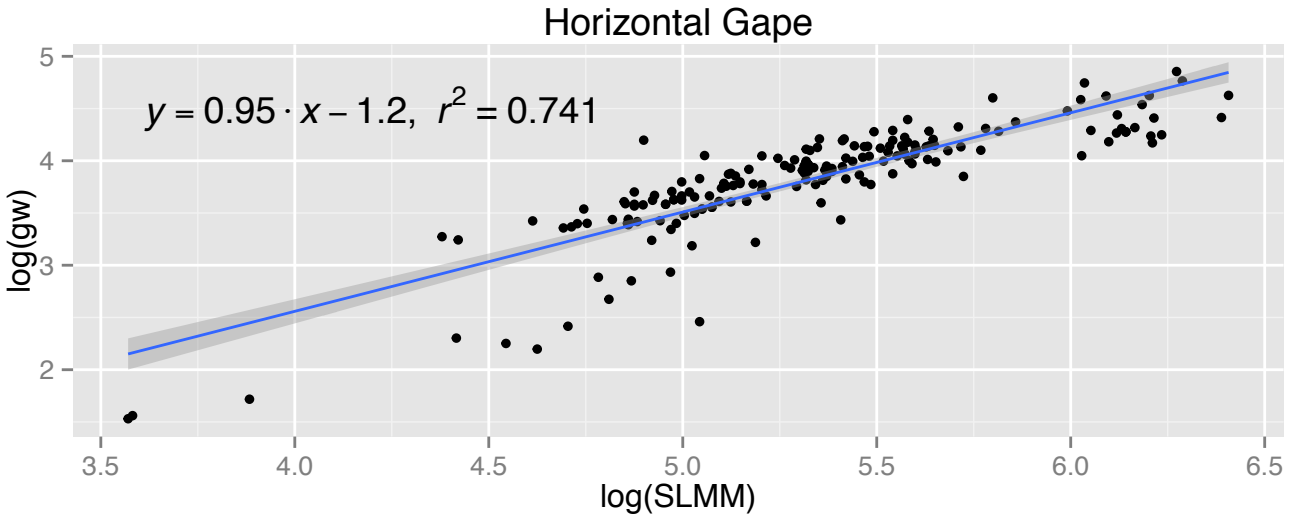
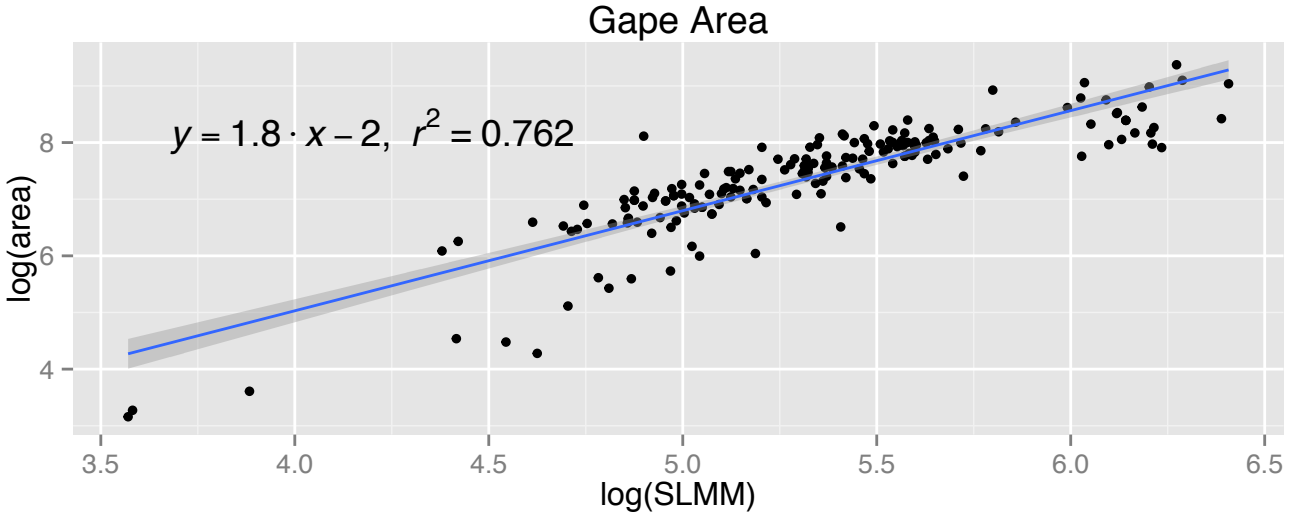
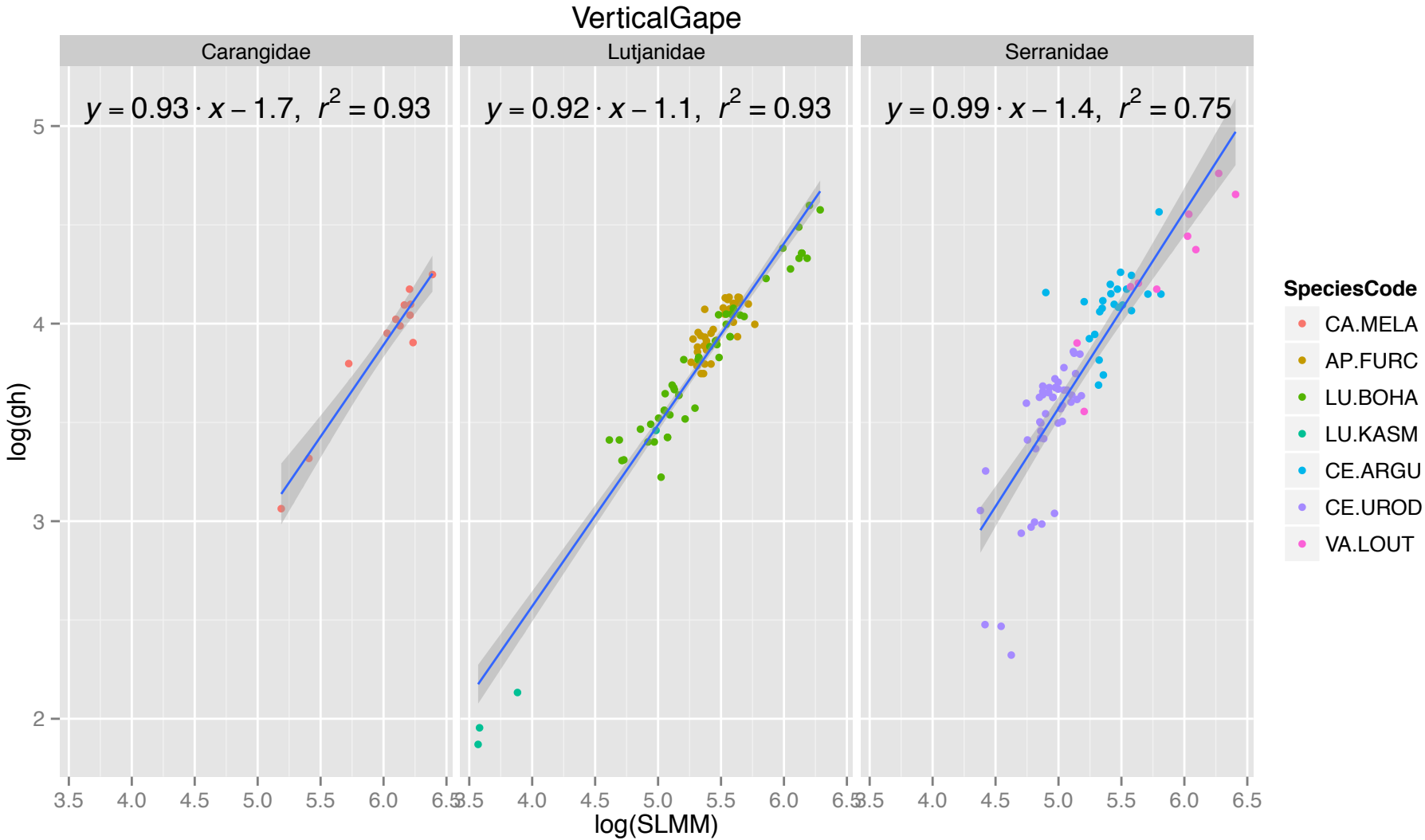
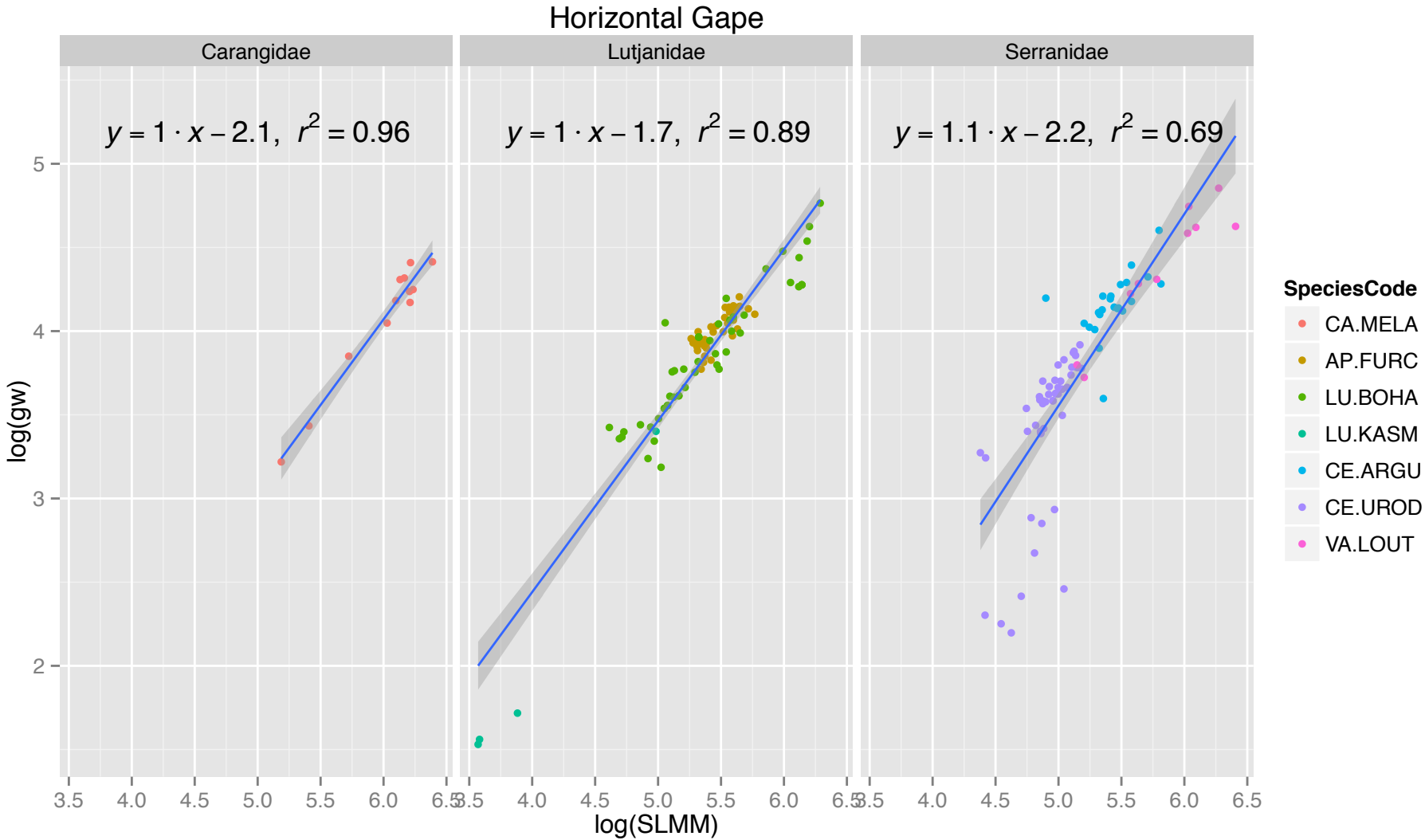
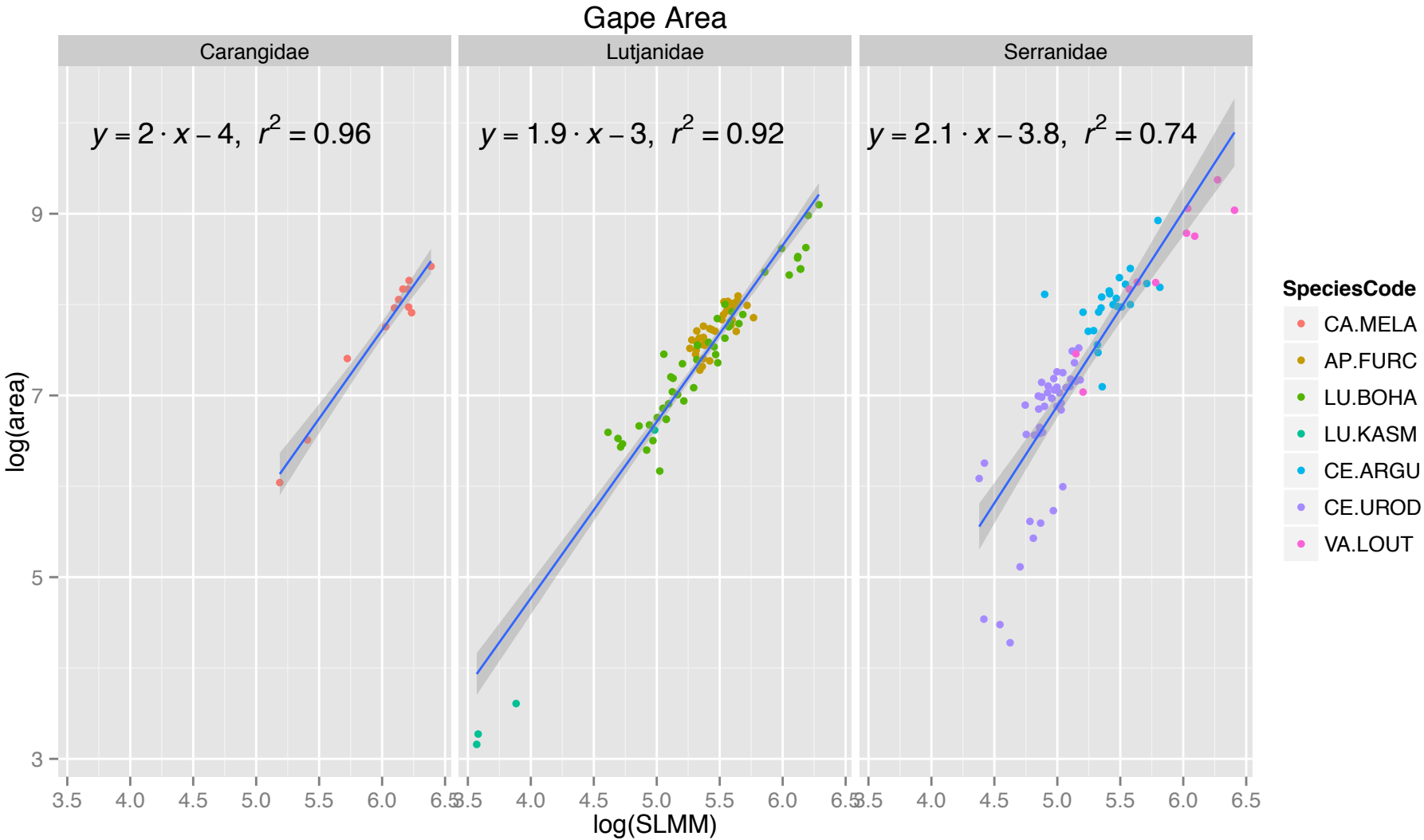

Vertical Gape
$y = 0.82 \cdot x - 0.55,\ r^2 = 0.754$
log(gh)
log(SLMM)
2
3
4
3.5
4.0
4.5
5.0
5.5
6.0
6.5

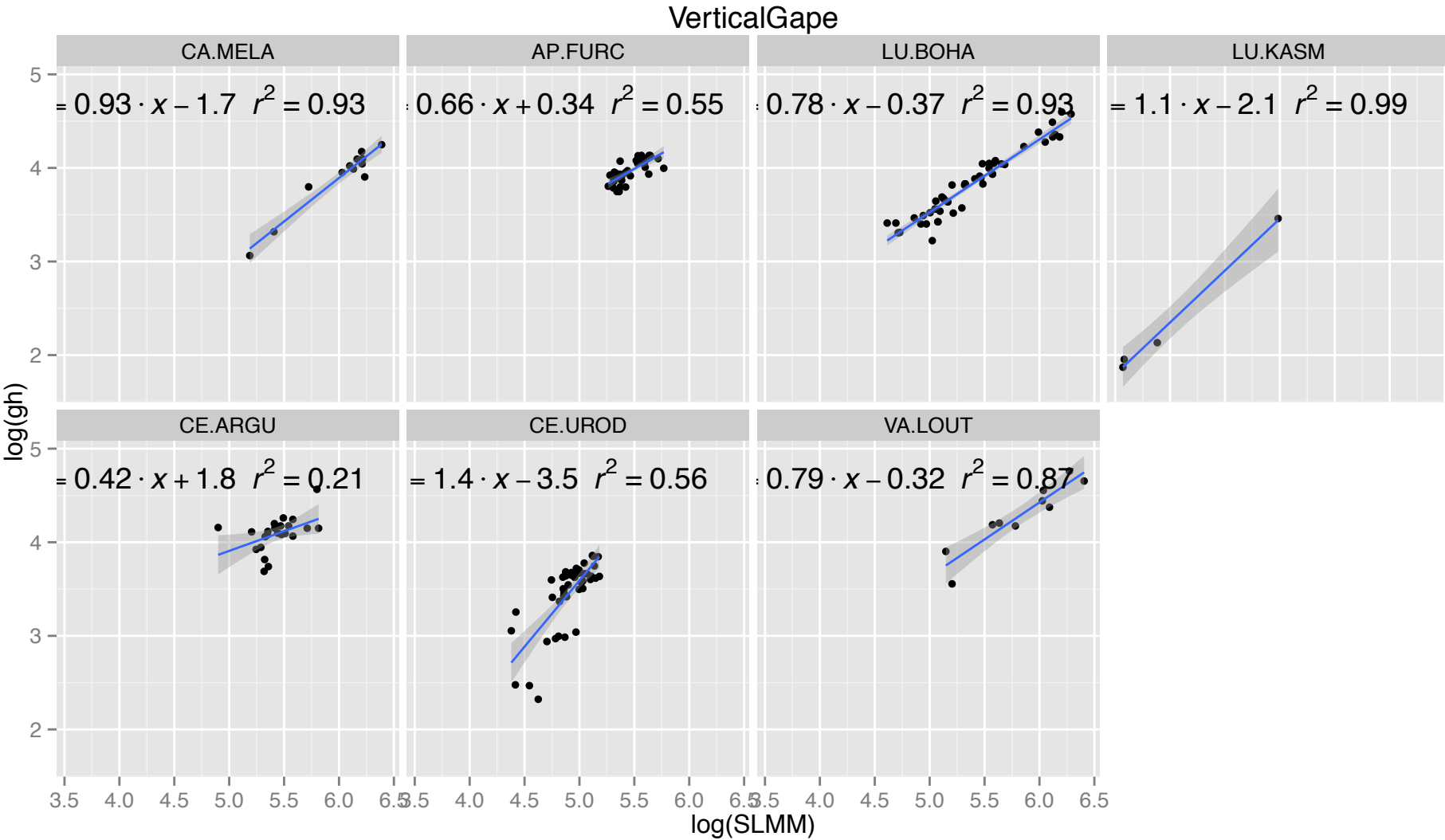

Horizontal Gape
$y = 0.95 \cdot x - 1.2,\ r^2 = 0.741$
log(gw)
log(SLMM)
2
3
4
5
3.5
4.0
4.5
5.0
5.5
6.0
6.5

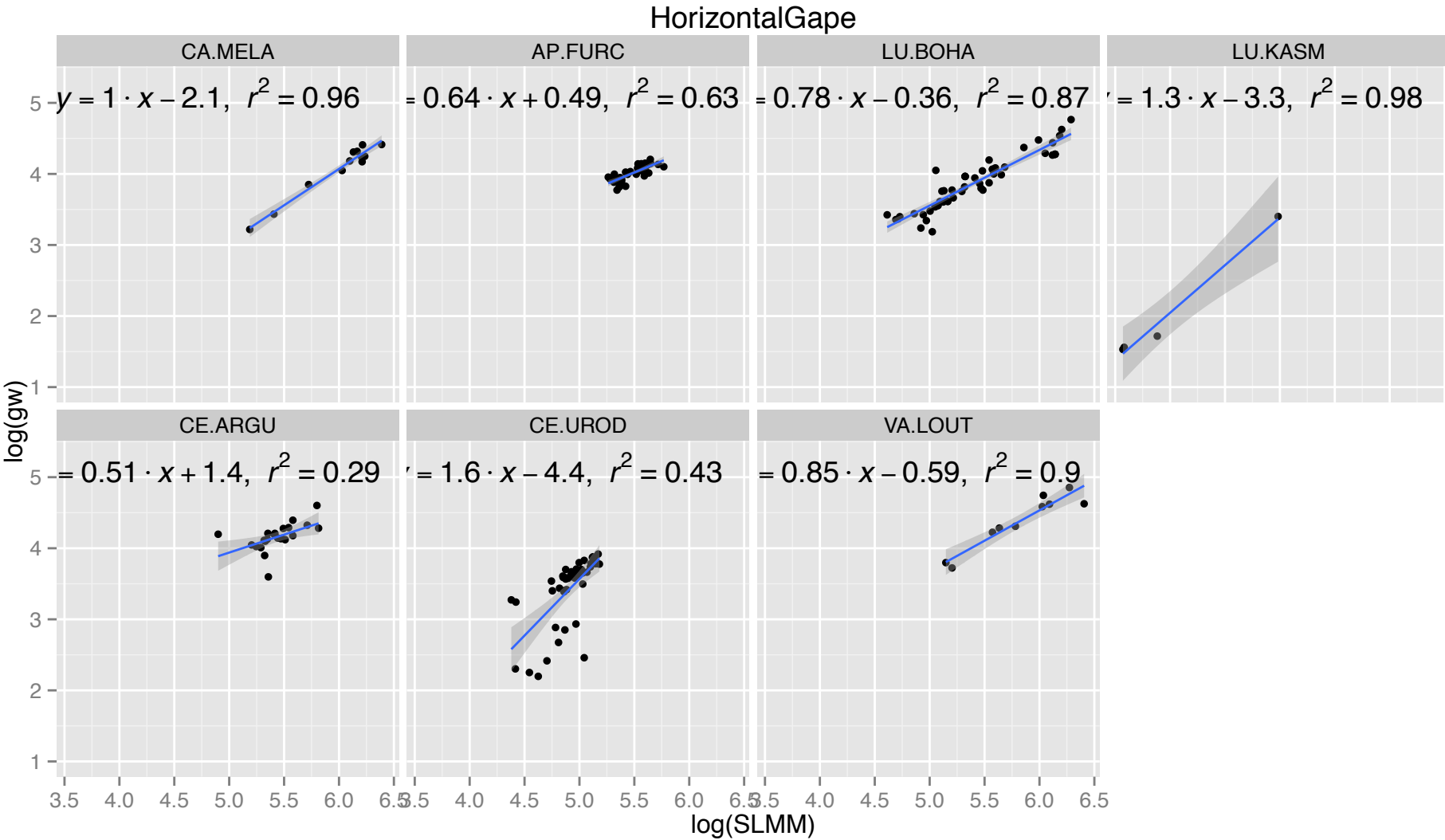

Gape Area
$y = 1.8 \cdot x - 2,\ r^2 = 0.762$
log(area)
log(SLMM)
4
6
8
3.5
4.0
4.5
5.0
5.5
6.0
6.5

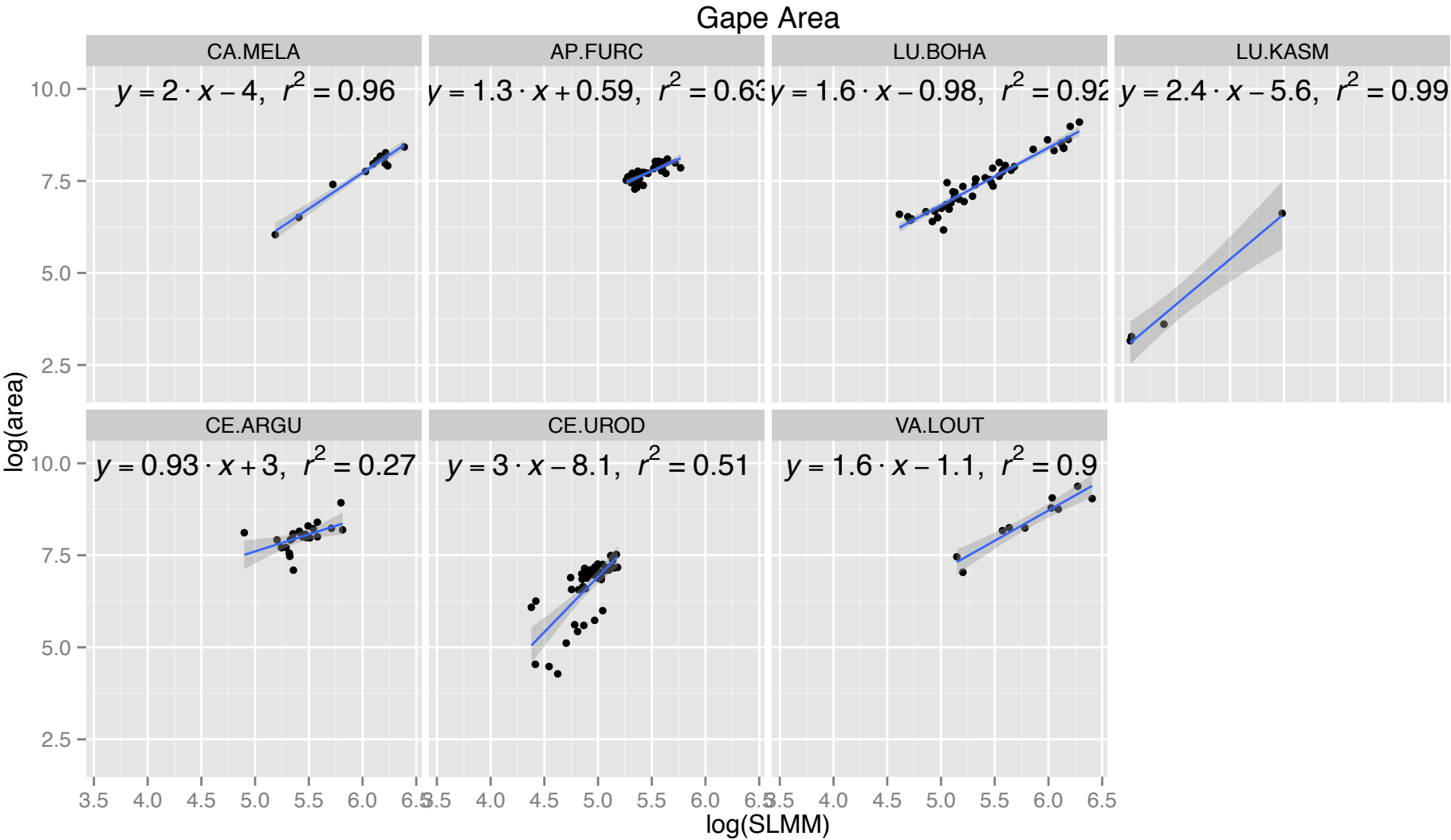

VerticalGape
Carangidae
Lutjanidae
Serranidae
$y = 0.93 \cdot x - 1.7,\ r^2 = 0.93$
$y = 0.92 \cdot x - 1.1,\ r^2 = 0.93$
$y = 0.99 \cdot x - 1.4,\ r^2 = 0.75$
log(gh)
log(SLMM)
SpeciesCode
CA.MELA
AP.FURC
LU.BOHA
LU.KASM
CE.ARGU
CE.UROD
VA.LOUT


Horizontal Gape
Carangidae
Lutjanidae
Serranidae
$y = 1 \cdot x - 2.1,\ r^2 = 0.96$
$y = 1 \cdot x - 1.7,\ r^2 = 0.89$
$y = 1.1 \cdot x - 2.2,\ r^2 = 0.69$
log(gw)
log(SLMM)
SpeciesCode
CA.MELA
AP.FURC
LU.BOHA
LU.KASM
CE.ARGU
CE.UROD
VA.LOUT


Gape Area
Carangidae
Lutjanidae
Serranidae
$y = 2 \cdot x - 4,\ r^2 = 0.96$
$y = 1.9 \cdot x - 3,\ r^2 = 0.92$
$y = 2.1 \cdot x - 3.8,\ r^2 = 0.74$
log(area)
log(SLMM)
3
5
7
9
3.5
4.0
4.5
5.0
5.5
6.0
6.5
SpeciesCode
CA.MELA
AP.FURC
LU.BOHA
LU.KASM
CE.ARGU
CE.UROD
VA.LOUT


VerticalGape
CA.MELA
AP.FURC
LU.BOHA
LU.KASM
CE.ARGU
CE.UROD
VA.LOUT
= 0.93 · x – 1.7 r2 = 0.93
= 0.66 · x + 0.34 r2 = 0.55
= 0.78 · x – 0.37 r2 = 0.93
= 1.1 · x – 2.1 r2 = 0.99
= 0.42 · x + 1.8 r2 = 0.21
= 1.4 · x – 3.5 r2 = 0.56
= 0.79 · x – 0.32 r2 = 0.87
log(gh)
log(SLMM)
2
3
4
5
3.5
4.0
4.5
5.0
5.5
6.0
6.5


HorizontalGape
CA.MELA
AP.FURC
LU.BOHA
LU.KASM
CE.ARGU
CE.UROD
VA.LOUT
y = 1 · x – 2.1, r² = 0.96
= 0.64 · x + 0.49, r² = 0.63
= 0.78 · x – 0.36, r² = 0.87
= 1.3 · x – 3.3, r² = 0.98
= 0.51 · x + 1.4, r² = 0.29
= 1.6 · x – 4.4, r² = 0.43
= 0.85 · x – 0.59, r² = 0.9
log(gw)
log(SLMM)
1
2
3
4
5
3.5
4.0
4.5
5.0
5.5
6.0
6.5


Gape Area
CA.MELA
AP.FURC
LU.BOHA
LU.KASM
CE.ARGU
CE.UROD
VA.LOUT
$y = 2 \cdot x - 4,\ r^2 = 0.96$
$y = 1.3 \cdot x + 0.59,\ r^2 = 0.63$
$y = 1.6 \cdot x - 0.98,\ r^2 = 0.92$
$y = 2.4 \cdot x - 5.6,\ r^2 = 0.99$
$y = 0.93 \cdot x + 3,\ r^2 = 0.27$
$y = 3 \cdot x - 8.1,\ r^2 = 0.51$
$y = 1.6 \cdot x - 1.1,\ r^2 = 0.9$
log(area)
log(SLMM)
10.0
7.5
5.0
2.5
3.5
4.0
4.5
5.0
5.5
6.0
6.5