

**phe~G280S**

**col Aboisso Ivory Coast**

**Fisher's exact test  $p = 3.636\text{E-}04$**

**GLM  $p = 1.378\text{E-}04$**

**Ace1GS OR = 35.143 ( 3.654 – 338.000 )**



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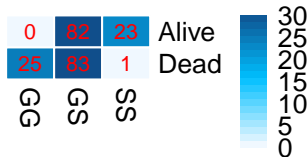
**col Korle-Bu Ghana**

**Fisher's exact test  $p = 3.440\text{E-}13$**

**GLM  $p = 1.174\text{E-}13$**

**ce1GS OR = 42032000.000 ( 0.000 – Inf )**

**ce1SS OR = 978530000.000 ( 0.000 – Inf )**



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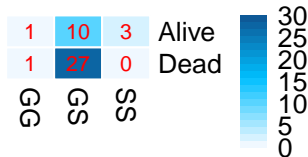
**col Madina Ghana**

**Fisher's exact test  $p = 1.553\text{E}-02$**

**GLM  $p = 2.336\text{E}-02$**

**Ace1GS OR = 0.370 ( 0.021 – 6.501 )**

**ce1SS OR = 42545000.000 ( 0.000 – Inf )**



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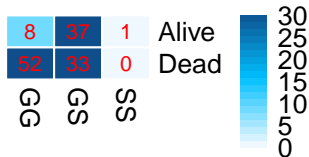
**col Weija Ghana**

**Fisher's exact test  $p = 1.555\text{E}-06$**

**GLM  $p = 2.396\text{E}-06$**

**Ace1GS OR = 7.288 ( 3.023 – 17.569 )**

**ace1SS OR = 37426000.000 ( 0.000 – Inf )**



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**gam Aboisso Ivory Coast**

**Fisher's exact test  $p = 3.949\text{E}-03$**

**GLM  $p = 3.715\text{E}-03$**

**Ace1GS OR = 7.000 ( 0.574 – 85.381 )**

**ce1SS OR = 66.000 ( 2.921 – 1491.200 )**



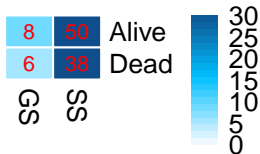
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**gam Baguida Togo**

**Fisher's exact test  $p = 1.000\text{E}+00$**

**GLM  $p = 9.818\text{E}-01$**

**Ace1SS OR = 0.987 ( 0.316 – 3.084 )**



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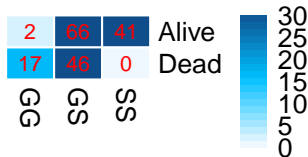
**gam Madina Ghana**

**Fisher's exact test  $p = 1.378E-13$**

**GLM  $p = 4.358E-14$**

**Ace1GS OR = 12.196 ( 2.687 – 55.358 )**

**ce1SS OR = 983010000.000 ( 0.000 – Inf )**



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**gam Obuasi Ghana**

**Fisher's exact test  $p = 1.042\text{E-}04$**

**GLM  $p = 6.002\text{E-}05$**

**Ace1SS OR = 6.600 ( 2.338 – 18.632 )**





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gam Weija Ghana

Fisher's exact test  $p = 4.662\text{E-}03$

GLM  $p = 1.641\text{E-}03$

e1GS OR = 2563600000.000 ( 0.000 – Inf )

S OR = 7302300000000000000.000 ( 0.000 – Inf )

