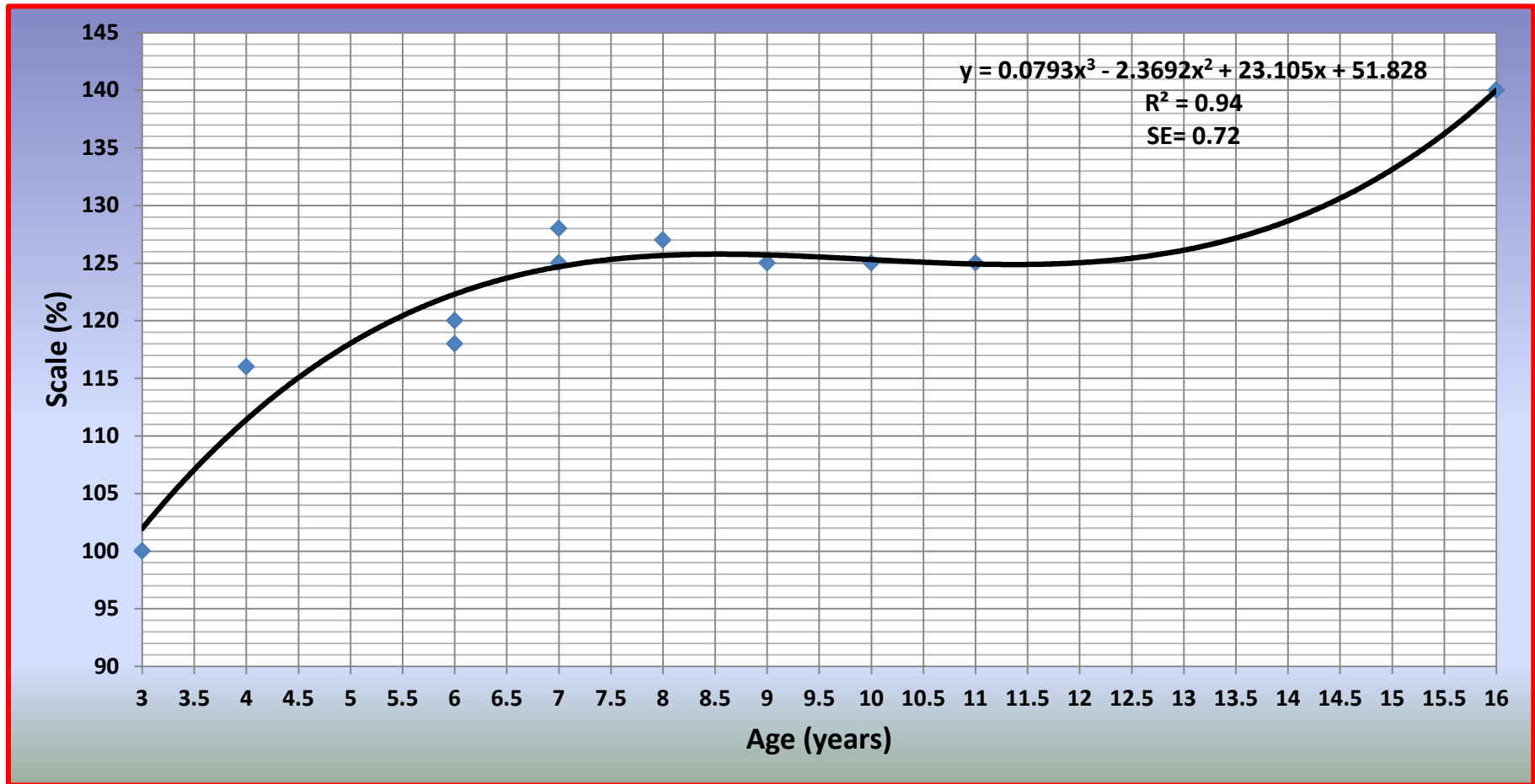


## Scaling Chart: Cyborg Beast (3 to 16 years old)



**Instructions:** locate the child's age in the bottom (X axis) and follow the line to the regression curve and then locate the intercepting line corresponding to the scale % on the left side (Y axis).

Example: For a child 5 years of age the scale % of the Cyborg Beast would be 118% ( $\pm 1.44\%$ ).

**Notes:** This cubic regression equation was derived from a mixed sample of 11 children with ages ranging from 3 to 16 years of age. We hope to improve this algorithm as our research team recruits more subjects. Feel free to tell us if this chart works. For more information contact Jorge M. Zuniga Ph.D.

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Age (yrs) = Scale % (from  $y = 0.0793x^3 - 2.3692x^2 + 23.105x + 51.828$ )

3 = 102	6.5=124	10=126	13.5=127
3.5= 107	7=125	10.5=126	14=129
4=111	7.5=125	11=126	14.5=130
4.5=115	8=126	11.5=126	15=133
5=118	8.5=126	12=126	15.5=136
5.5=120	9=126	12.5=126	16=140
6= 122	9.5=126	13=126	