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### Abstract

The facial measurements of the top 100 company leaders from the Fortune 500 in 2011 were correlated with company revenues and profits. Male CEO facial width measurements, including eyes, nose, and chin, were positively correlated with company revenues and profits. These findings extend recent investigations of CEO appearance and company performance.

### Introduction

Chief executive officers (CEOs) are often viewed as the face and personification of their companies. However, studies have not found a clear, direct relationship between personality of CEOs and their companies' success (Agle, Nagarajan, Sonnenfeld, & Srinivasan, 2006; Ranft, Zinko, Ferris, & Buckley, 2006). The facial appearance of a CEO may yield a better prediction of company success, based on research linking facial judgements with leadership traits such as competence, likability, trustworthiness (Todorov et al., 2005), dominance (Hess, Adams, & Kleck, 2005), facial maturity (Zebrowitz, 1997; Zebrowitz & Montepare, 2005), and facial width-to-height ratio (Wong, Ormiston, & Haselhuhn, 2011).

Rule and Ambady (2008) investigated CEOs of the top 25 and bottom 25 from the 2006 Fortune 500 rankings. Participants viewed photos of the CEOS and rated them on leadership as well as competence, dominance, likability, facial maturity, trustworthiness, and attractiveness. Power related traits and leadership ratings were significantly related to company profits. Although the top leaders were similar in terms of age, sex (male), and race (Caucasian), these results suggest naïve judgments based only on CEO performance can be used to identify the most financially successful businesses.

Recently, Wong, Ormiston, and Haselhuhn (2011) investigated a more objective measure of CEO facial appearance related to company profits and revenues: facial width-to-height ratio (WHR). In a sample of 55 male CEOs out of the Fortune 500 from 1996-2002, companies who had CEOs with wider faces tended to produce greater financial profits and revenues than companies with thinner faces.

### **Current Study Hypotheses**

Facial WHR is a single measure comparing overall facial width and height. We were interested in extending Wong et al.'s (2011) findings with the updated Fortune 500 rankings in 2011 and using more detailed facial measurements to identify specific areas of the male CEO's face related to company financial success. We predicted male CEOs with wider eyes, noses, and chins would be leaders of companies with higher revenues and profits.

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### **Method: Data Collection**

### CEOs, Facial Feature Measurement, and Company Data

The CEOs from the Fortune 500 rankings in 2011 (see Table 1 and photos below) were first identified and photographs capturing complete, front, facial views of each of the top 100 company CEOs were then located. One CEO photograph could not be found and five of the top 100 CEOs were women, bringing the total male sample to 94. Two judges independently made precise facialmetric assessments (see Cunningham et al., 1995), using a computer. Facialmetrics related to facial width were the focus of this investigation. Data concerning company revenues and profits were also collected.



Michael T. Duke Wal-Mart Stores (1) Eye Width: .182 Nose Tip Width: .180



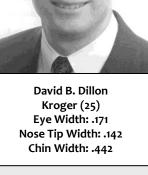
Exxon Mobil (2) Eye Width: .183 Nose Tip Width: .191 Chin Width: .487



John S. Watson Chevron (3) Eye Width: .180 Nose Top Width: .149





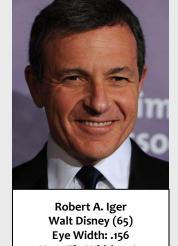


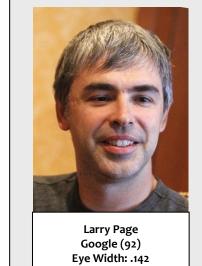












### Results

Company revenues were positively correlated with male CEO eye width, r(92)=.35, p<.001, nose tip width, r(92)=.40, p<.001, and chin width, r(92)=.26, p<.01. Company profits were marginally positively correlated with male CEO eye width, r(92)=.18, p=.08, nose tip width, r(92)=.19, p=.07, and chin width, r(92)=.19, p=.06. In addition, company revenues and profits were not related to other facial feature measures, including facial height, nose length, and chin length. See Table 2 for a summary of the correlations. See Figure for a scatterplot of male CEO eye width values and company revenues.

Additionally, the top 20 and the bottom 20 male CEO groups were compared. The top 20 CEO group had a significantly higher eye width, t(38)=4.35, p<.001, d=1.37, nose tip width, t(38)=4.35, p=.003, d=1.02, and chin width, t(38)=4.35, p=.001, d=.97, compared to the bottom 20 CEO group.

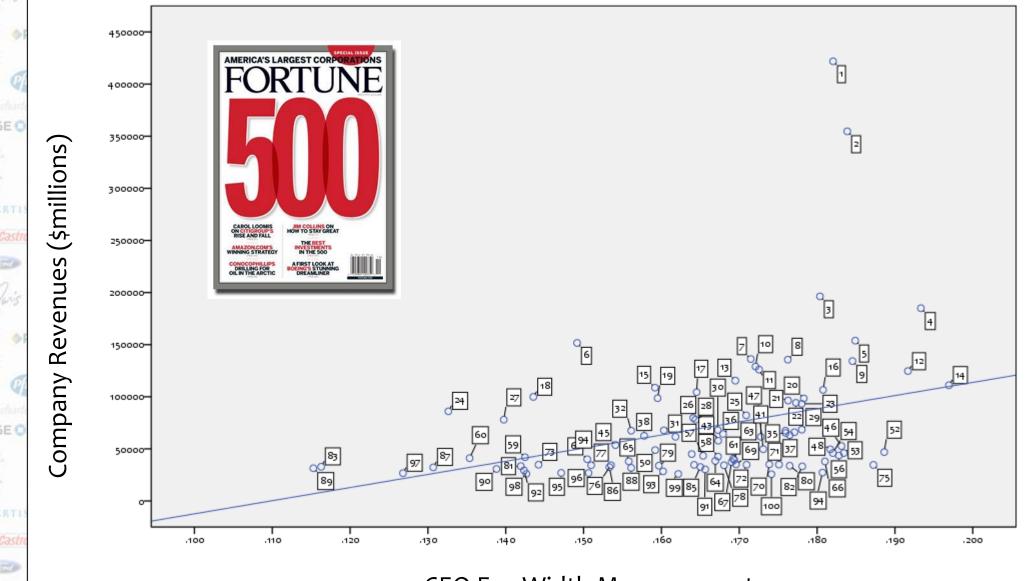
### Table 2. Correlations between CEO Facial Feature Measurements and Company Revenues and Profits.

	Revenues	Profits
Eye Width	·347 <b>**</b>	.179 <sup>a</sup>
Nose Tip Width	.403**	.191 <sup>a</sup>
Chin Width	.255*	.192 <sup>a</sup>
Eye Height	084	030
Nose Length	151	063
Chin Length	038	.064

Note. \*\* Correlation is significant at the 0.01 level (2-tailed). \* Correlation is significant at the 0.05 level (2-tailed).

a Correlation is significant at the .10 level (2-tailed). N=94.

Figure. Scatterplot of Male CEO Eye Width Measurements and Company Revenues.



**CEO Eye Width Measurement** 

Note. Numbers represent company rank from the Fortune 500 list. Trendline added.

### Discussion

The current study hypotheses were supported. We found a significant, positive relationship between the facial width measurements of male CEOs and their company revenues and a marginally significant relationship between these facial feature measures and company profits. Specifically, we extended previous research (i.e., Wong et al., 2011) by finding relationships between company revenues and profits and distinctive measures of facial width related to the eyes, nose, and chin.

Males with wide faces are more aggressive and are seen as imposing (Carré, McCormick, & Mondloch, 2009; Stirrat & Perrett, 2010), providing an ideal combination of traits necessary to handle today's competitive business world.

We recognize that we only investigated the top 100 CEOs, and limited our sample to men. Future research could explore a larger sample and specifically investigate female facial features as more women lead companies. Indeed, Rule and Ambady (2009) investigated female CEOs and found a relationship between perceived competence, leadership ability, and company profits. Another interesting topic is whether the appearance of CEOs has become more important in recent years due to the media.

Although correlational, and based on a limited sample size, these results suggest there is a link between the facial appearance of male CEOs and their companies' financial performance.

### Selected References

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