

Supplementary Material

Turnover factors and retention strategies for chief executive officers in Australian hospitals

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1 Supplementary material file S1

2 Dear Chief Executive Officer,

3 Research Study Title: To investigate the factors behind increasing turnover of Chief Executive Officers
4 (CEO's) in Australian Health care setting and to devise a CEO retention model.

5 I am writing to let you know about this research project that you have the option to take part in. The
6 research is being conducted by a university in Australia. I am contacting you to see if you are
7 interested in taking part in this research.

8 We are conducting this research project to understand more about the factors behind increasing
9 turnover of CEO's in Australian Health care setting. The high rate of executive turnover in the
10 healthcare industry is a major issue for health service organisations and their staff both in Australia
11 and internationally. High turnover rates among senior executives have been found to be associated
12 with a number of negative consequences, including organisational instability, high financial costs, loss
13 of human capital and adverse effects on staff morale and patient care.

14 The reason we want to know more about the factors behind the turnover is to devise a retention
15 model for CEO's that health care organisations can use. Less is known about their turnover rates and
16 this research is being conducted to address this knowledge gap.

17 We are looking for people who want to take part in this research and who are or have been (in past):

18 · CEO's- Health care;

19 · In a CEO role in healthcare for a minimum of 12 months

20 · In a CEO level position at any level in any type of healthcare organisation in Australia.

21 Chief Executive Officer (CEO) is a professional who determines and formulates policies and provides
22 overall direction of companies or private and public sector organizations within guidelines set up by a
23 board of directors or similar governing body.

24 If you decide to take part in the research we would like you to complete an anonymous online survey
25 which will take approximately 3-5 minutes to complete.

26 Taking part in this research study is voluntary. You may choose not to take part. If you decide not to
27 take part in this research, your decision will not affect your relationship with the university. This
28 research has been reviewed and approved by the Human Research Ethics Committee. If you have any
29 complaints or concerns about the research study, please contact us.

30 Yours sincerely,

31

32 Do you agree to participate?

33 I agree to proceed

34

35 Supplementary material file S2

36 Participant Characteristics

37 1. Sex: M/F

38 2. Age: < 25; 25-34; 35-44; 45-54; 55-64; 65+

39 3. Total Experience as CEO in years: <1, 1-2, 3-5, 5-8, 8-10, >10

40 4. Currently, working as health care CEO: Yes or No

41 4. Working as Health care CEO in: Metro area/Regional area

42 5. Which state in Australia do you work: New South Wales, Queensland, Northern Territory,
43 Western Australia, South Australia, Victoria, The Australian Capital Territory, Tasmania

44 6. Number of organisations worked as CEO (free text)

45 6. Managing total number of employees: <50, 51-100, 101-500, 501-1000, 1001-2000, 2001-
46 5000, 5001-10000, >10001

47 7. Qualifications: Bachelors, Graduate Diploma, Masters, Doctorate, Other (Free text)

48

49 In your opinion, reasons for CEO's turnover include: (Please tick all that applies)

50 CEO's may leave due to stress/pressure from the job

51 CEO's may leave due to the criticism they face within and outside the organisation

52 CEO's leave due to managing an under-resourced health care organisation

53 CEOs resign seeking a quieter life by stepping down or retirement

54 CEO's leave due to the desire for a career change

55 CEO's may resign due to lack of support from the board

56 CEO's might get removed by the board due to poor performance

57 CEOs are more often forced out of office than they replaced

58 CEO's leave because of lapses in ethical conduct than for the typical complaint of poor financial
59 performance

60 CEO's may leave due to family commitments

61 CEO's may leave due market decline or lesser demand of services

62 Other

63

64 Do you have any suggestions on how to improve Health care CEO Retention?

65 It is important for CEO to have clinical background to be successful in their role

66 1. Strongly disagree

67 2. Disagree

68 3. Neutral

69 4. Agree

70 5. Strongly agree

71 It is important for CEOs to have their values aligned with organisational values to succeed in their
72 role

73 1. Strongly disagree

74 2. Disagree

75 3. Neutral

76 4. Agree

77 5. Strongly agree

78

79 Organisational culture plays a huge role in CEOs departure or retention

80 1. Strongly disagree

81 2. Disagree

82 3. Neutral

83 4. Agree

84 5. Strongly agree

85

- 86 Acknowledging a CEO for their work achievements by providing financial and non-financial rewards
87 will help CEO retention
- 88 1. Strongly disagree
- 89 2. Disagree
- 90 3. Neutral
- 91 4. Agree
- 92 5. Strongly agree
- 93
- 94 It is helpful for a CEO to have a mentor or coach to perform their role well.
- 95 1. Strongly disagree
- 96 2. Disagree
- 97 3. Neutral
- 98 4. Agree
- 99 5. Strongly agree
- 100
- 101 CEO's retention tracking is important as it helps to plan organisational responses and identify
102 turnover risks
- 103 1. Strongly disagree
- 104 2. Disagree
- 105 3. Neutral
- 106 4. Agree

107 5. Strongly agree

108

109 Recruitment of CEO should be conducted in a broader platform so to find the most suitable
110 candidate for the role

111 1. Strongly disagree

112 2. Disagree

113 3. Neutral

114 4. Agree

115 5. Strongly agree

116

117 Job description of CEO should be clearly defined when the role is advertised

118 1. Strongly disagree

119 2. Disagree

120 3. Neutral

121 4. Agree

122 5. Strongly agree

123

124 Organisation should fulfill a CEOs training and development needs to him/her to grow professionally

125 1. Strongly disagree

126 2. Disagree

- 127 3. Neutral
- 128 4. Agree
- 129 5. Strongly agree
- 130
- 131 Exit interviews should be conducted before a CEOs departure
- 132 1. Strongly disagree
- 133 2. Disagree
- 134 3. Neutral
- 135 4. Agree
- 136 5. Strongly agree
- 137
- 138 Job responsibilities of CEO, board chair and board members should be clearly defined and followed
- 139 1. Strongly disagree
- 140 2. Disagree
- 141 3. Neutral
- 142 4. Agree
- 143 5. Strongly agree
- 144 It is important that the Board/government health departments don't stray into operations, and they
- 145 keep their distance
- 146 1. Strongly disagree

- 147 2. Disagree
- 148 3. Neutral
- 149 4. Agree
- 150 5. Strongly agree
- 151 Board Chair and CEO to have regular performance (For e.g., monthly) catch up's
- 152 1. Strongly disagree
- 153 2. Disagree
- 154 3. Neutral
- 155 4. Agree
- 156 5. Strongly agree
- 157 Having skill-based board creates a system of safety and plays a critical part in supporting CEO's
- 158 1. Strongly disagree
- 159 2. Disagree
- 160 3. Neutral
- 161 4. Agree
- 162 5. Strongly agree
- 163 For a CEO to be successful in their role, it is imperative for CEO and Board chair to have mutual
- 164 respect and trust for each other
- 165 1. Strongly disagree
- 166 2. Disagree

- 167 3. Neutral
- 168 4. Agree
- 169 5. Strongly agree
- 170 CEOs should get the autonomy to prioritise organisational demands
- 171 1. Strongly disagree
- 172 2. Disagree
- 173 3. Neutral
- 174 4. Agree
- 175 5. Strongly agree
- 176 CEOs should be given time so that they can invest on staff's wellbeing and resilience within their
177 organisation.
- 178 1. Strongly disagree
- 179 2. Disagree
- 180 3. Neutral
- 181 4. Agree
- 182 5. Strongly agree
- 183 Rural health CEO should get same pay as Metro health CEO as managing rural health is complex
- 184 1. Strongly disagree
- 185 2. Disagree
- 186 3. Neutral

- 187 4. Agree
- 188 5. Strongly agree
- 189 CEOs should get the opportunity to participate in government decisions that has significant impact
- 190 upon their organisation and its functioning
- 191 1. Strongly disagree
- 192 2. Disagree
- 193 3. Neutral
- 194 4. Agree
- 195 5. Strongly agree
- 196 Succession planning is very important and Board should take it very seriously as frequent CEO
- 197 turnover can affect an organization's safety
- 198 1. Strongly disagree
- 199 2. Disagree
- 200 3. Neutral
- 201 4. Agree
- 202 5. Strongly agree
- 203
- 204
- 205
- 206

207 Supplementary material Table S1

Model	Unstandardized		Standardized		Collinearity		
	Coefficients		Coefficients		Statistics		
	B	Std. Error	Beta	t	Sig.	Tolerance	VIF
1 (Constant)	6.001	1.970		3.046	0.004		
Sex (male vs female)	-0.471	0.832	-0.104	-0.567	0.574	0.668	1.497
Age (>55 vs <55)	0.324	0.912	0.070	0.355	0.724	0.583	1.716
CEO_Years (>8 vs <8)	-0.262	1.019	-0.058	-0.257	0.799	0.451	2.219
CEO_Current (Yes vs No)	0.167	1.015	0.028	0.165	0.870	0.757	1.321
CEO_Metro vs Rural	0.530	0.773	0.118	0.685	0.497	0.761	1.315
CEO_State (Victoria vs Other states)	-0.473	0.739	-0.105	-0.640	0.526	0.839	1.192
No_organisations (>1 vs <1)	-0.785	0.857	-0.176	-0.916	0.365	0.617	1.620
No_employees (>10000 vs <50)	-0.700	0.853	-0.150	-0.821	0.417	0.682	1.466
Qualifications (Bachelors vs Other qualification)	-0.012	0.774	-0.003	-0.015	0.988	0.828	1.207

208

Supplementary material Table S2

Variables	Stress		Criticism		Under-resourced		Quieter life		Career change		Lack of Board support	
	OR (95% CI)	AOR (95% CI)	OR (95% CI)	AOR (95% CI)	OR (95% CI)	AOR (95% CI)	OR (95% CI)	AOR (95% CI)	OR (95% CI)	AOR (95% CI)	OR (95% CI)	AOR (95% CI)
Sex	0.762 (95% CI [0.193, 3.005], p=0.697).	0.876 (95% CI [0.175, 4.395], p=0.872)	.212 (95% CI [0.062, 0.724], p=0.011)	.138 (95% CI .025, .757], p=0.023)	.594 (95% CI .025, 1.941], p=0.386)	.471 (95% CI [.101, 2.209], p=.340)	1.457 (95% CI [0.486, 4.367], p=0.501)	1.906 (95% CI .456, 7.968], p=.377)	.963 (95% CI [0.308, 3.005], p=0.948)	2.881 (95% CI [.467, 17.763], p=.254)	.357 (95% CI [0.105, 1.213], p=0.093)	.037 (95% CI [.003, .480], p=0.012)
Age	1.354 (95% CI [0.354, 5.173], p=0.657).	2.101 (95% CI [0.323, 13.651], p=0.437)	1.329 (95% CI [0.438, 4.030, p=0.615)	1.709 (95% CI [.269, 10.856], p=.570)	1.354 (95% CI [0.426, 4.298, p=0.607)	.813 (95% CI [.165, 3.993], p=.798)	1.714 (95% CI [0.564, 5.208, p=0.340)	3.412 (95% CI [.698, 16.671], p=.129)	1.711 (95% CI [0.525, 5.571, p=0.371)	5.767 (95% CI [.761 4 3.727], p=.090)	1.650 (95% CI [0.526, 5.173, p=0.389)	.100 (95% CI [.008, 1.208], p=0.070)
CEO years	0.816 (95% CI [0.214, 3.108], p=0.765).	0.540 (95% CI [0.071, 4.120], p=0.552)	0.632 (95% CI [.209, 1.907], p=.414)	.577 (95% CI [.086, 3.854], p=.570)	1.179 (95% CI [.369, 3.760], p=.781)	1.582 (95% CI [.269, 9.304], p=.612)	1.280 (95% CI [.428, 3.829], p=.659)	.433 (95% CI [.080, 2.357], p=.333)	.519 (95% CI [.160, 1.688], p=.273)	.169 (95% CI [.022, 1.290], p=0.086)	1.926 (95% CI [.593, 6.259], p=.273)	6.725 (95% CI [.655, 69.093], p=0.109)
Current CEO	1.111(95% CI [0.196, 6.291], p=0.905).	1.809 (95% CI [0.227, 14.405], p=0.575)	3.176 (95% CI [0.700, 14.421], p=0.122)	5.985 (95% CI [.830, 43.184], p=0.076)	0.967 (95% CI [0.211, 4.418], p=0.965)	.627 (95% CI [.108, 3.629], p=.603)	2.400 (95% CI [0.531, 10.838], p=0.246)	4.010 (95% CI [.676, 23.774], p=.126)	.647 (95% CI [0.151, 2.770], p=0.555)	.667 (95% CI [102, 4.336], p=.671)	.454 (95% CI [0.084, 2.446], p=0.349)	.248 (95% CI [.029, 2.114], p=.202)
CEO metro/rural	1.091(95% CI [0.288, 4.135], p=0.898).	0.952 (95% CI [0.186, 4.859], p=0.953)	0.955 (95% CI [.322, 2.834], p=0.933)	1.323 (95% CI [.294, 5.953], p=0.715)	0.600 (95% CI [0.191, 1.877], p=0.380)	.450 (95% CI [.149, 2.327], p=0.589)	1.469 (95% CI [.497, 4.342], p=0.487)	2.060 (95% CI [.521, 8.143], p=.303)	1.407 (95% CI [.456, 4.342], p=0.552)	2.368 (95% CI [.549, 10.213], p=0.248)	.988 (95% CI [.321, 3.041], p=0.983)	1.333 (95% CI [.254, 6.989], p=.734)
CEO State	0.991(95% CI [0.261, 3.761], p=0.990).	1.043 (95% CI [0.223, 4.883], p=0.957)	1.138 (95% CI [.381, 3.393], p=0.817)	1.058 (95% CI [.258, 4.342], p=0.938)	0.750 (95% CI [.240, 2.347], p=0.621)	.502 (95% CI [.133, 1.898], p=0.310)	.504 (95% CI [.168, 1.511], p=0.219)	.541 (95% CI [.148, 1.973], p=0.352)	.583 (95% CI [.185, 1.841], p=0.356)	.370 (95% CI [.087, 1.573], p=.178)	3.547 (95% CI [1.042, 12.075], p=0.038)	3.768 (95% CI [.810, 17.539], p=0.091)
CEO no: of organisations	0.833 (95% CI [0.220, 3.157], p=0.788).	0.697 (95% CI [0.120, 4.052], p=0.688)	0.673 (95% CI [.226, 2.007], p=0.477)	0.281 (95% CI [.051, 1.537], p=0.143)	1.059 (95% CI [.340, 3.301], p=0.922)	0.950 (95% CI [.218, 4.137], p=0.946)	.587 (95% CI [.198, 1.740], p=0.335)	.719 (95% CI [.172, 2.999], p=.651)	2.171 (95% CI [.686, 6.872], p=0.184)	2.690 (95% CI [.541, 13.365], p=0.226)	.323 (95% CI [.099, 1.056], p=0.057)	.100 (95% CI [.014, 0.715], p=0.022)
No: of employees	1.667 (95% CI [0.432, 6.423], p=0.456).	2.476 (95% CI [0.430, 14.265], p=0.310)	1.286 (95% CI [.415, 3.981], p=0.663)	2.709 (95% CI [.497, 14.750], p=0.249)	0.577 (95% CI [.168, 1.980], p=0.380)	.625 (95% CI [.138, 2.839], p=0.543)	.900 (95% CI [.293, 2.769], p=0.854)	.756 (95% CI [.173, 3.298], p=0.709)	.658 (95% CI [.206, 2.098], p=0.478)	.314 (95% CI [.059, 1.683], p=0.176)	.510 (95% CI [.149, 1.743], p=0.279)	.245 (95% CI [.032, 1.900], p=0.178)
CEO Qualifications	1.143 (95% CI [0.286, 4.570], p=0.850).	1.481 (95% CI [0.299, 7.331], p=0.630)	1.067 (95% CI [.339, 3.354], p=0.912)	1.534 (95% CI [.336, 7.011], p=0.581)	1.388 (95% CI [.424, 4.547], p=0.587)	1.683 (95% CI [.248, 6.623], p=0.456)	.756 (95% CI [.241, 2.367], p=0.630)	.680 (95% CI [.177, 2.610], p=0.574)	.820 (95% CI [.253, 2.820], p=0.741)	.629 (95% CI [.140, 2.820], p=0.545)	1.220 (95% CI [.376, 3.957], p=0.741)	.560 (95% CI [.101, 3.092], p=0.506)

Supplementary material Table S2

Variables	Poor performance		Forced out		Lapse in ethical conduct		Family commitments		Lesser demand of services		Other reasons	
	OR (95% CI)	AOR (95% CI)	OR (95% CI)	AOR (95% CI)	OR (95% CI)	AOR (95% CI)	OR (95% CI)	AOR (95% CI)	OR (95% CI)	AOR (95% CI)	OR (95% CI)	AOR (95% CI)
Sex	1.125 (95% CI [.376, 3.365], p=.833)	1.137 (95% CI [.268, 4.820], p=.861)	1.841 (95% CI [0.486, 6.997], p=.366)	1.243 (95% CI [.223, 6.926], p=.804)	3.111 (95% CI [0.323, 29.942], p=0.305)	7.062 (95% CI [.151, 329.666], p=.319)	1.105 (95% CI [0.357, 3.421], p=.862)	1.073 (95% CI [.245, 4.706], p=.925)	0.804 (95% CI [0.041, 11.830], p=0.700)	207.94 (95% CI [0.000, -], p=.999)	0.513 (95% CI [0.134, 1.959], p=0.324)	1.114 (95% CI [.132, 9.396], p=.921)
Age	2.571 (95% CI [0.818, 8.080], p= .102)	2.821 (95% CI [.602, 13.219], p=.188)	1.663 (95% CI [0.438, 6.315], p=0.453)	1.423 (95% CI [.222, 9.132], p=.710)	.400 (95% CI [0.061, 2.627], p=0.328)	0.00 (95% CI [0.000, -], p=.994)	1.944 (95% CI [0.600, 6.306], p=0.265)	1.784 (95% CI [.358, 8.882], p=.480)	0.645 (95% CI [0.038, 10.913], p=0.760)	158.61 (95% CI [0.000, -], p=.999)	2.000 (95% CI [0.464, 8.619], p=0.347)	1.855 (95% CI [.156, 22.077], p=.625)
CEO years	1.662 (95% CI [.552, 4.999], p=.365)	.572 (95% CI [.107, 3.046], p=.513)	2.971 (95% CI [.816, 10.882], p= .092)	1.310 (95% CI [.202, 8.480], p=.777)	2.289 (95% CI [0.349, 15.010], p=.378)	4.504 (95% CI [.108, 187.84], p=.429)	1.259 (95% CI [.409, 3.874], p=.688)	0.606 (95% CI [.109, 3.358], p=.567)	0.935 (95% CI [.853, 1.026], p=.225)	0.000 (95% CI [0.000, -], p=.998)	0.762 (95% CI [.193, 3.005], p=.697)	0.632 (95% CI [.043, 9.383], p=.739)
Current CEO	1.141 (95% CI [.0270, 4.825], p=0.857)	1.547 (95% CI [.281, 8.505], p=.616)	1.167 (95% CI [0.210, 6.471], p=.860)	1.364 (95% CI [.165, 11.272], p=.773)	0.800 (95% CI [0.079, 8.133], p=0.850)	0.00 (95% CI [0.000, -], p=.995)	0.414 (95% CI [.097, 1.773], p=0.226)	0.503 (95% CI [.091, 2.778], p=.431)	1.048 (95% CI [.0982, 1.117], p=0.514)	3.648 (95% CI [0.000, -], p=1.000)	0.444 (95% CI [0.091, 2.247], p=0.307)	0.249 (95% CI [.022, 2.772], p=.258)
CEO metro/rural	1.444 (95% CI [.488, 4.272], p=0.506)	1.674 (95% CI [.442, 6.341], p=.448)	2.165 (95% CI [.601, 7.795], p=.232)	2.965 (95% CI [.603, 14.572], p=.181)	1.773 (95% CI [.271, 11.584], p=.546)	0.00 (95% CI [0.000, -], p=.995)	1.200 (95% CI [.394, 3.651], p=.748)	0.775 (95% CI [.205, 2.935], p=.707)	1.125 (95% CI [.067, 18.984], p=.935)	2.707 (95% CI [0.000, -], p=1.000)	0.571 (95% CI [.145, 7.795], p=.420)	0.950 (95% CI [.117, 7.692], p=.962)
CEO State	0.667 (95% CI [.224, 1.984], p=0.465)	.555 (95% CI [.150, 2.054], p=0.378)	.271 (95% CI [.065, 1.136], p= .064)	.290 (95% CI [.055, 1.528], p=0.144)	.828 (95% CI [.701, 0.977], p= .033)	0.00 (95% CI [0.000, -], p=.995)	.982 (95% CI [.322, 2.997], p=0.974)	.886 (95% CI [.247, 3.181], p=0.853)	.931 (95% CI [.843, 1.028], p=0.190)	0.023 (95% CI [0.000, -], p=1.000)	8.100 (95% CI [1.545, 42.476], p=0.006)	8.874 (95% CI [1.097, 71.802], p= .041)
CEO no: of organisations	.431 (95% CI [.143, 1.299], p=0.132)	.482 (95% CI [.117, 1.979], p=.311)	.329 (95% CI [.087, 1.247], p= .094)	.501 (95% CI [.090, 2.783], p=.429)	.212 (95% CI [.022, 2.035], p=0.146)	0.00 (95% CI [0.000, -], p=.995)	.491 (95% CI [.159, 1.521], p=0.215)	.445 (95% CI [.102, 1.938], p=.281)	.923 (95% CI [.826, 1.031], p=0.142)	.000 (95% CI [0.000, -], p=.997)	1.200 (95% CI [.317, 4.547], p=0.788)	0.596 (95% CI [.064, 5.560], p=.650)
No: of employees	.711 (95% CI [.230, 2.192], p=0.552)	.616 (95% CI [.141, 2.689], p=0.520)	.862 (95% CI [.237, 3.138], p=0.821)	.363 (95% CI [.058, 2.258], p=0.277)	2.400 (95% CI [.248, 23.181], p=0.437)	13.483 (95% CI [.028, 64.851], p=0.409)	1.517 (95% CI [.464, 4.956], p=0.489)	1.717 (95% CI [.388, 7.591], p=0.476)	1.063 (95% CI [.977, 1.156], p=0.281)	159.00 (95% CI [0.000, -], p=0.999)	.229 (95% CI [.056, .926], p= .031)	0.134 (95% CI [.016, 1.116], p= .063)
CEO Qualifications	1.181 (95% CI [.377, 3.698], p=0.776)	1.107 (95% CI [.293, 4.189], p=0.881)	.500 (95% CI [.139, 1.804], p=0.285)	.396 (95% CI [.075, 2.098], p=0.276)	.750 (95% CI [.000, -], p=0.765)	22.000 (95% CI [0.000, -], p=0.994)	1.333 (95% CI [.405, 4.386], p=0.635)	1.679 (95% CI [.422, 6.686], p=0.462)	0.889 (95% CI [.775, 1.047], p= .044)	0.000 (95% CI [0.000, -], p=0.996)	.875 (95% CI [.219, 3.499], p=0.850)	0.209 (95% CI [.022, 2.020], p=0.176)

Supplementary material Table S2

Variables	Distance		Catch ups		Trust		Autonomy		Time		Rural Equality		Government decisions		Succession planning	
	OR (95% CI)	AOR (95% CI)	OR (95% CI)	AOR (95% CI)	OR (95% CI)	AOR (95% CI)	OR (95% CI)	AOR (95% CI)	OR (95% CI)	AOR (95% CI)	OR (95% CI)	AOR (95% CI)	OR (95% CI)	AOR (95% CI)	OR (95% CI)	AOR (95% CI)
Sex	1.333 (95% CI [0.079, 22.571], p=0.842)	15.847 (95% CI [.000, -], p=1.000)	1.036 (95% CI [.0967, 1.109], p=0.379)	.000 (95% CI [.000, -], p=.977)	NA	NA	0.643 (95% CI [.055, 7.579], p=0.742)	.000 (95% CI [.000, -], p=.991)	1.036 (95% CI [.0967, 1.109], p=0.379)	.000 (95% CI [.000, -], p=.999)	.238 (95% CI [.065, 3.637], p=0.26)	.220 (95% CI [.036, 1.329], p=0.099)	.413 (95% CI [.040, 4.263], p=0.445)	.891 (95% CI [.027, 29.683], p=0.948)	.643 (95% CI [.055, 7.579], p=0.724)	NA
Age	1.722 (95% CI [0.101, 29.242], p=0.704)	353.50 (95% CI [.000, -], p=0.998)	.947 (95% CI [.0852, 1.053], p=0.190)	0.000 (95% CI [.000, -], p=1.000)	NA	NA	0.833 (95% CI [.070, 9.858], p=0.885)	6.084 (95% CI [.0852, 1.053], p=0.990)	0.947 (95% CI [.0852, 1.053], p=0.190)	.747 (95% CI [.000, -], p=1.000)	1.114 (95% CI [.341, 1.053], p=0.859)	1.102 (95% CI [.141, 8.616], p=0.926)	1.765 (95% CI [.228, 13.685], p=0.583)	133.340 (95% CI [.000, -], p=0.993)	.833 (95% CI [.070, 9.858], p=0.885)	NA
CEO years	0.690 (95% CI [.041, 11.684], p=.796)	.000 (95% CI [.000, -], p=0.991)	0.967 (95% CI [.905, 1.033], p=.398)	128.299 (95% CI [.000, -], p=1.000)	NA	NA	1.167 (95% CI [.980, 1.389], p=0.033)	.000 (95% CI [.000, -], p=0.987)	.967 (95% CI [.905, 1.033], p=.398)	.427 (95% CI [.178, 1.832], p=0.344)	.571 (95% CI [.049, 4.957], p=.547)	.491 (95% CI [.088, 5.243], p=.709)	.679 (95% CI [.121, 91.750], p=.745)	1.903 (95% CI [.039, 16.857], p=.776)	1.429 (95% CI [.121, 16.857], p=.776)	NA
Current CEO	1.050 (95% CI [0.981, 1.123], p=0.504)	0.125 (95% CI [.000, -], p=1.000)	1.024 (95% CI [.0977, 1.074], p=0.640)	0.000 (95% CI [.000, -], p=1.000)	NA	NA	1.077 (95% CI [.0990, 1.171], p=0.409)	0.000 (95% CI [.450, -], p=.992)	1.024 (95% CI [.0997, 1.074], p=0.640)	0.213 (95% CI [.450, -], p=1.000)	1.600 (95% CI [.0370, 6.910], p=0.527)	0.696 (95% CI [.090, 5.373], p=.728)	1.625 (95% CI [.0149, 17.692], p=0.688)	400.643 (95% CI [.000, -], p=.995)	2.500 (95% CI [.0202, 30.998], p=0.463)	NA
CEO metro/rural	0.885 (95% CI [.052, 14.961], p=0.932)	.000 (95% CI [.000, -], p=0.995)	0.963 (95% CI [.894, 1.037], p=0.341)	120.369 (95% CI [.000, -], p=1.000)	NA	NA	0.423 (95% CI [.036, 4.985], p=0.483)	.000 (95% CI [.000, -], p=1.000)	1.043 (95% CI [.960, 1.134], p=0.284)	.000 (95% CI [.000, -], p=.997)	.286 (95% CI [.085, 1.958], p=0.038)	.363 (95% CI [.071, 1.866], p=.225)	.2875 (95% CI [.279, 29.677], p=0.357)	171.400 (95% CI [.000, -], p=.993)	1.143 (95% CI [.982, 1.329], p=0.058)	NA
CEO State	0.929 (95% CI [.838, 1.029], p=0.191)	312.93 (95% CI [.000, -], p=0.998)	1.045 (95% CI [.958, 1.141], p=0.265)	0.000 (95% CI [.000, -], p=1.000)	NA	NA	1.692 (95% CI [.144, 19.941], p=0.673)	730.00 (95% CI [.000, -], p=0.989)	.964 (95% CI [.898, 1.036], p=0.360)	.000 (95% CI [.000, -], p=0.999)	.364 (95% CI [.111, 1.188], p=0.090)	.257 (95% CI [.056, 1.179], p=0.081)	.857 (95% CI [.737, .997], p=0.059)	119.000 (95% CI [.000, -], p=0.994)	.893 (95% CI [.785, 1.015], p=0.106)	NA
CEO no: of organisations	1.087 (95% CI [.968, 1.220], p=0.141)	.000 (95% CI [.000, -], p=.994)	1.042 (95% CI [.962, 1.128], p=0.303)	.168 (95% CI [.000, -], p=1.000)	NA	NA	2.000 (95% CI [.170, 23.556], p=0.575)	.000 (95% CI [.000, -], p=.990)	1.042 (95% CI [.962, 1.128], p=0.303)	.000 (95% CI [.000, -], p=.998)	1.328 (95% CI [.419, 4.209], p=0.629)	.442 (95% CI [.064, 3.045], p=.407)	.958 (95% CI [.124, 7.383], p=0.967)	.224 (95% CI [.005, 9.491], p=.433)	.460 (95% CI [.039, 5.418], p=0.529)	NA
No: of employees	1.882 (95% CI [.111, 32.010], p=0.657)	629.000 (95% CI [.000, -], p=0.997)	1.031 (95% CI [.971, 1.095], p=0.456)	.000 (95% CI [.000, -], p=1.000)	NA	NA	.912 (95% CI [.077, 10.804], p=0.942)	.000 (95% CI [.000, -], p=0.998)	1.031 (95% CI [.971, 1.095], p=0.456)	899.594 (95% CI [.000, -], p=0.999)	.875 (95% CI [.261, 2.933], p=0.829)	.624 (95% CI [.102, 3.819], p=0.610)	1.138 (95% CI [.000, -], p=0.124)	.000 (95% CI [.000, -], p=0.994)	1.100 (95% CI [.0987, 1.225], p=0.187)	NA
CEO Qualifications	1.882 (95% CI [.111, 32.010], p=0.657)	138.830 (95% CI [.000, -], p=0.994)	0.944 (95% CI [.844, 1.056], p=0.171)	436.758 (95% CI [.000, -], p=1.000)	NA	NA	.912 (95% CI [.077, 10.804], p=0.942)	.000 (95% CI [.000, -], p=0.988)	.944 (95% CI [.844, 1.056], p=0.171)	113.800 (95% CI [.000, -], p=0.996)	.240 (95% CI [.058, .989], p=0.040)	.297 (95% CI [.053, 1.655], p=0.166)	6.400 (95% CI [.0614, 66.760], p=0.083)	387.200 (95% CI [.000, -], p=0.993)	.912 (95% CI [.077, 10.804], p=0.942)	NA