

Gender bias in cultural tightness across the 50 US states, its correlates, and links to gender inequality in leadership and innovation

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Abstract

Cultural tightness theory, which posits that tight cultures have rigid norms and sanctions, provides a unique insight into cultural variation. However, current findings on the relationship between cultural tightness and gender inequality in leadership and innovation are mixed. In this study, we examined the relationship between cultural tightness and gender inequality in leadership and innovation across the 50 US states. We found that cultural tightness was positively related to gender inequality in leadership and innovation, but this relationship was mediated by gender inequality in pay. Specifically, cultural tightness was positively related to gender inequality in pay, which in turn was positively related to gender inequality in leadership and innovation. These findings suggest that cultural tightness may contribute to gender inequality in leadership and innovation through its impact on pay inequality.

Keywords: cultural tightness, gender inequality, gender inequality in pay, leadership, innovation, United States

Significance Statement

Cultural tightness theory, which posits that tight cultures have rigid norms and sanctions, provides a unique insight into cultural variation. However, current findings on the relationship between cultural tightness and gender inequality in leadership and innovation are mixed. In this study, we examined the relationship between cultural tightness and gender inequality in leadership and innovation across the 50 US states. We found that cultural tightness was positively related to gender inequality in leadership and innovation, but this relationship was mediated by gender inequality in pay. Specifically, cultural tightness was positively related to gender inequality in pay, which in turn was positively related to gender inequality in leadership and innovation. These findings suggest that cultural tightness may contribute to gender inequality in leadership and innovation through its impact on pay inequality.

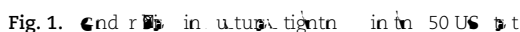
Cultural tightness theory posits that tight cultures have rigid norms and sanctions, which in turn leads to gender inequality in leadership and innovation. However, current findings on the relationship between cultural tightness and gender inequality in leadership and innovation are mixed. In this study, we examined the relationship between cultural tightness and gender inequality in leadership and innovation across the 50 US states. We found that cultural tightness was positively related to gender inequality in leadership and innovation, but this relationship was mediated by gender inequality in pay. Specifically, cultural tightness was positively related to gender inequality in pay, which in turn was positively related to gender inequality in leadership and innovation. These findings suggest that cultural tightness may contribute to gender inequality in leadership and innovation through its impact on pay inequality.

and innovation, a variety of research has shown that tight cultures have rigid norms and sanctions, which in turn leads to gender inequality in leadership and innovation. However, current findings on the relationship between cultural tightness and gender inequality in leadership and innovation are mixed. In this study, we examined the relationship between cultural tightness and gender inequality in leadership and innovation across the 50 US states. We found that cultural tightness was positively related to gender inequality in leadership and innovation, but this relationship was mediated by gender inequality in pay. Specifically, cultural tightness was positively related to gender inequality in pay, which in turn was positively related to gender inequality in leadership and innovation. These findings suggest that cultural tightness may contribute to gender inequality in leadership and innovation through its impact on pay inequality.

For the two-tiered system of gender inequality, in which men and women are paid differently for the same work, we found that cultural tightness was positively related to gender inequality in pay, which in turn was positively related to gender inequality in leadership and innovation. These findings suggest that cultural tightness may contribute to gender inequality in leadership and innovation through its impact on pay inequality.

3. 'A' in, in onto t, 'A' n' r un'kay to 3 u' n' judg' nt
 (16, 17) Si' h' ky, e' i ti w' n ng g' nt in r' ri-
 ba xua' v' r 3 wrong, w' n r 3 i ti e' n' w' a' w d-
 er v' n right—er 'A' n (18, 19) A' n' u' g' n r' r' i' u' 'A' n' e' d
 in v' r e' i t t' t' i n' 'y' 'A' r' e' n' t' i' n' d' y' r' i' n' n' e' r'
 r' a' t' d' e' r' e' t' i' n' g' i' n' r' 'A' n' e' d' t' u' (g' 'A' n' r' x' t' d'
 t' e' x' n' i' t' g' r' a' t' i' g' n' y' n' d' d' e' l' i' n' n' i' n' e' a' t' t' i' n' g' t' e' d' 'A'
 e' n' t' t' i' n' r' 'A' u' i' n' i' t' y) (20, 21), i' n' g' r' a' t' r' e' n' t' i' n' t' e' n'
 'A' n' r' i' n' t' e' n' y' n' i' g' n' y' i' i' d' e' i' n' 'A' n' e' n' t' i' n' r'
 'A' n' d, 3 'A' r' e' n' t' i' n' t' t' e' n' 'A' n' e' v' r' a' w' i' d' e' n' g' e' d'
 'A' i' n' t' i' t' i' w' e' n' 3 e' v' a' 'A' r' e' n' t' i' n' t' t' e' n' 'A' n'
 i' n' e' i' t' i' (15, 19), v' n' t' e' u' g' n' i' n' i' e' n' t' i' n' t' i' n' y'
 3 3 r' e' i' t' i' d' i' r' n' t' (20, 21) S' e' n' d, w' e' n' e' t' n' r'
 i' v' 'A' n' r' u' n' 'A' n' t' w' n' n' y' d' v' i' t' r' e' i' e' a' n' e' r'
 a' n' d' x' e' p' t' i' o' n' t' e' n' 'A' n' (22, 23) F' o' r' x' 'A' 3 r' e' n' t' u' d' y'
 e' u' n' d' t' o' t' r' e' i' t' i' n' g' 'A' i' e' n' d' u' t' i' n' t' e' n' a' 3 d' v' i' e' r' y'
 i' n' d' u' t' r' y, 'A' a' 3 d' v' i' r' w' r' 3 'A' r' i' k' y' t' e' r' i' n' j' e'
 a' n' d' 30 'A' i' k' y' t' e' n' d' n' w' j' e' e' i' e' r' d' w' i' t' h' 'A' a' 3 d' v' i' r'
 (23) T' h' u, w' h' y' e' n' i' t' t' e' i' t' a' v' a' g' n' d' r' e' i' n' u-
 t' u' p' a' t' i' g' n' t' i' t' — e' i' t' a' v' a' n' e' r' r' o' r' d' i' n' g' r' 'A' i' i' l'
 v' i' e' r' a' n' d' t' e' n' e' i' e' n' t' v' i' e' r' d' e' n' e' a' y' q' u' a-
 l' i' t' y' t' e' n' d' w' e' n'

S' u' n' g' n' d' r' e' i' n' u' t' u' p' a' t' i' g' n' t' i' t' i' k' y' v' i' 3 r' e' e' i-
 t' i' F' o' r' i' n' t' e' n' , e' n' t' u' d' y' n' o' w' t' e' i' t' i' w' i' t' h' d' i' r' n' t'
 u' l' i' t' i' n' e' n' e' i' n' o' t' e' n' y' v' a' q' u' i' t' d' i' r' n' t' a' v' e' r'
 t' i' t' i' n' i' n' d' i' d' r' i' n' g' n' e' r' i' a' n' d' e' t' i' (g' e' d' i' n'
 t' o' i' n' i' n' g' a' n' d' r' e' n' i' l' i' t' y' t' o' i' n' i' n' g) B' u' t' a' e' v' d' i' r' n' t' e' r' i'
 a' n' d' e' t' i' e' r' i' i' n' g' g' i' x' v' r' u' e' y' (24) S' i' e' a' y, i' n' u' l-
 i' t' i' n' e' n' e' i' l' t' o' t' r' a' y' r' i' e' r' i' y' e' n' g' r' i' u' t' u' r' e' n' i' a'
 'A' u' d' r' y' t' e' r' e' v' i' d' i' n' d' , g' i' x' 3 r' e' i' d' t' e' p' a' r' t' i' i' s' t'
 i' n' t' e' k' t' t' a' e' r' 'A' r' e' n' t' i' n' u' e' r' e' n' i' l' i' t' y, 3 d' e' r' n'
 t' e' r' o' u' t' i' n' , a' n' d' e' d' i' n' (g' 'A' i' d' i' n' g' a' n' d' 'A' i' n' i' n' i' n' g'
 i' n' g' e' e' d' n' a' i' n' e' n' i' n' d') t' e' n' d' e' n' t' y' e' t' e' k' t' t' e' y'
 3 r' e' i' d' e' r' (g' d' i' i' e' n' -'A' k' i' n' g' e' n' r' e' u' t' i' v' i' t' i' o' n' e' n' d' n' i' a'
 i' i' n' g) A' e' r' d' i' n' g' y, r' e' n' i' l' i' t' y, 3 d' e' r' n' t' e' r' o' u' t' i' n' , a' n' d'
 e' d' i' n' 3 r' 'A' i' e' i' d' 'A' r' t' r' e' n' g' y' i' n' t' o' t' r' a' i' n' i' n' g' e' g' i' x'
 t' e' n' e' y' (24) A' e' , e' i' e' g' i' t' v' e' e' u' n' d' t' o' t' e' a' t' i' v' i' t' i' e'
 i' t' i' u' n' d' 3 3 a' n' d' K' u' a' i' t' u' a' y' v' e' n' i' g' n' a' v' e'
 e' n' i' e' r' n' i' a' e' w' r' t' r' u' t' u' r' a' n' d' v' e' 'A' r' e' n' t' i' v'
 i' d' e' g' i' (g' n' d' e' r' 'A' n' t' e' 'A' n' d' e' i' n' t' i' o' n' e' v' r' w' e' n')
 t' e' n' i' n' d' i' v' i' d' u' a' l' i' t' i' e' i' t' i' u' n' d' i' n' U' n' i' t' d' S' e' t' (25) A'
 u' n' , e' a' t' i' v' i' t' i' e' i' t' i' 'A' y' v' e' t' r' e' n' g' r' e' n' e' r' r' o' r' d' i' n' g'
 r' 'A' i' i' l' v' i' e' r' e' r' w' e' n' e' i' e' r' d' w' i' t' h' 'A' n' n' u' i'
 w' h' y' e' n' i' t' t' e' i' t' i' 'A' y' i' e' d' i' r' n' t' e' r' i' a' n' d'
 r' u' e' n' t' i' n' t' w' e' x' a' n' d' v' e' d' i' r' n' t' a' v' e' t' e' n' t' e' n'
 t' o' w' a' r' d' 3 e' n' t' v' i' e' r' e' r' w' e' n' e' i' e' r' d' w' i' t' h' 'A' n'
 A' e' r' d' i' n' g' y, 3 w' i' t' h' 'A' e' t' u' t' u' r' -r' e' t' d' e' n' t' r' u' t' , g' n' d' r'
 i' n' u' t' u' p' a' t' i' g' n' t' i' t' i' e' i' t' a' v' e' n' t' r' u' t' i' n' r' e' n'
 a' n' i' n' d' i' v' i' d' u' a' l' a' v' e' n' t' r' u' t' H' e' n' e' i' e' a' v' a' g' n' d' r' e' i' n' A' e' r' d'



Howver, within investigating in different regions and regions in
 utopia tightn 3 t Mer i r gion divi ion v, 3
 in ANOVA (v n t t, $F_{8, 411} = 3.84, = 0.00$) u ing in
 US en u nin r gion divi ion (i Nw ngnd, Midd.
 Atanti, 3 t North enta, t North enta, South Atanti,
 3 t South enta, t South enta, Mountain and i) in-
 dist d igni nt di r n ing nd r in utupa tightn ,
 ($F_{8, 1438} = 6.2, = 0.001, \eta^2 = 0.36$) - Howv r t t
 d n t d i n i (= 5, M n = 179, SD = 0.56, 95.
 C [1.10, .248]) d n t n t g nd r in utupa tightn
 and w igni nt y di r nt t d with in 3 t North
 enta (= 5, M n = 3.64, SD = 0.80, 95. C [.265, 4.63], $\Delta_{1,n} =$
 $-1.85, S = 0.43, = 0.048$) and in t South enta (= 4,
 M n = 3.60, SD = 0.28, 95. C [3.16, 4.04], $\Delta_{1,n} = -1.81, S =$
 $0.2, = 0.009$) Fur r r , in Nw ngnd r (= 6,
 M n = .257, SD = 0.37, 95. C [.218, .295]) w igni nt y w r
 t d with in t South enta r ($\Delta_{1,n} = -1.03,$
 $S = 0.2, = 0.016$) (**Table 63** r d r i t v t i t i)

[illegible]

on relativ religion tndr tndr toditional gnd rre
well n (3.233), whi n i in turn etivity et d with tng
gr n t p int n well n A mid ni B kdr, w ugg tbt
bt relig i ty i etivity n k d t g nd r B in utua tigt
n n n i n with Harrington and Gnd (2014), w d t d t w
M3 ur et bt relig i ty (4) S i say, w et d d b
r n i n t w R r n c n t r (2014) t t n o w i n r n g
et d u t w n e r h i g h y r e l i g i o u , i n e r n e r r e l i g i o n , r
q u n y e p y r, w e r n i t t n o n , B i i n e d , r e l i g i o u B
v i j o n d s B r o k d o w n r e l i g i o u d e e k y r e l i g i o u , i t i o n n
i d d i t i o n , r e l i n s a u (2016), w et d t d n r n g e t
d u t w n e r v r y r e l i g i o u , A d e t a y r e l i g i o u , n d n e n
r e l i g i o u A n o w n i n T a b l e 2 i n r n g e t d u t w n e r
h i g h y r e l i g i o u (b=446, S =1.22, <0.001), i n e r n e r r e l i g i o n (b=441, S =1.27, =0.001), r q u n y e p y r (b=482, S =137, <0.001), w e r n i t t n o n (b=758, S =153, <0.001), B i i n e d (b=450, S =142, =0.003), n d r e l i g i o u B v i j o n d s (b=710, S =2.27, =0.003) w r s e t i v i y r e t d t g n d r B i n u t u a t i g t n A e s n o w n i n T a b l e 3, i n r n g e t d u t w n e r n e n r e l i g i o u (b=-697, S =23.2, =0.004) w n g t i v i y r e t d t g n d r B i n u t u a t i g t n A n o w n i n T a b l e 4 (s a u d e), i n r n g e t d u t w n e r v r y r e l i g i o u (b=648, S =133, <0.001) w e t i v i y r e t d t g n d r B i n u t u a t i g t n , w n e r i n

Minority representation, was observed in the
 Rabin et al. (2014) study on the effects of
 diversity. As shown in Table 6, the effect of
 diversity was positive and significant in the
 regression (coefficient $b = 3.7$, $S = 0.93$, $p = 0.001$, or
 coefficient $b = 4.74$, $S = 1.00$, $p < 0.001$), indicating
 that individuals were more likely to vote for
 the majority candidate in the majority
 condition (coefficient $b = -6.67$, $S = 3.16$, $p = 0.040$, or
 coefficient $b = -5.82$, $S = 1.43$, $p < 0.001$).

Moreover, the results given in the regression
 model suggest that the effect of diversity
 was stronger in the majority condition
 than in the minority condition. This
 suggests that the effect of diversity was
 more likely to be observed in the majority

As shown in Table 7, current indicators of background risk in urban tightness were positively related with gender in quality in word fluency to add Chinese ($b = 0.03, \Delta = 0.01, = 0.010$), was a CO of urban Chinese ($b = 0.04, \Delta = 0.03, = 0.046$). Furthermore, in reaction time to two background risk

Additional analyses on three gender equality scores

Table 5.8) indicates that the strength of innovation in the two nations in the general quality of innovation and in quality in the world in innovation were relatively low (the general quality index, the strength of innovation = 21.1%, the general quality of innovation, the strength of innovation = 42.1%, and the general quality index, the strength of innovation = 0.0%) and significantly weaker than the strength of innovation in the two nations in the quality of innovation and in innovation (the general quality index, the strength of innovation = 84.2%).

[illegible][illegible]

Over the past few years, the quality of the product has improved significantly. The company has invested in new equipment and technology to ensure that the product meets the highest standards of quality and safety. The company is committed to providing the best possible product to its customers and is confident that the quality of the product will continue to improve in the future.

walk r e s i t i o n w i t h g n d r i n q u a l i t y i n v d r n i z n d i n n o v a t i o n i n t r r t m n d i n g z v i d n b o t g n d r B i n u t u p t i g n t n z n d n b r g n d r q u a l i t y e r z r i d i n g i n d i r n t n e c c o g i z n t 2 M e r t n t y , w a e n d v i d n b o t g n d r B i n u t u p t i g n t n w e t i s r o t d t o g n d r i n q u a l i t y i n v d r n i z n d i n n o v a t i o n s . E v z n d B - y o n d n t e r i n b r g n d r q u a l i t y e r z n d n t i w r g n d r t r o n g r i n n e e r i n b r g n d r q u a l i t y e r

Discussion

This research is being conducted in a well-known international university in the United States and the research is being conducted in a tight-knit community of 50 students with a critical perspective (religious and critical ideology) and a good understanding of the community, which is being conducted in a tight-knit community with a high quality of living in the United States and critical and innovative thinking in the field.

This research is a contribution to the literature on urban tightness and gender inequality. First, it contributes to the literature on very high ring neighborhoods in the given city. Urban normality is a quality to find and we find prior research doesn't do that. It is a wide variability in tightness and rotation, but and review (1, 24) However, this research didn't investigate whether the extent of urban tightness in the 31 or 36th 11 and we find this given rotation or given argument to gender in urban tightness. It is a rotation that this is with the result in US 50 but and found that within the 31 but, in the 31 day it didn't do gender normality on the intersection of 31 and 31. The view of we find never in (gender in urban tightness). Our finding highlights that urban tightness may not be a good quality to very individuals. This research gives a city participation, city 3, 3 to 3. After on the intersection of 31 and 31.

[illegible]

Third, our second aim to test gender in uterine
tissue in relation to gender in quality in

2 No geographic network relationship is intuitively trustworthy to non-roboticist (87) Directional significant correlation is hard to trust, given that it is with the variable (gender) (88) For example, in our study, gender is intuitively associated with gender quality in US context, but in the gender quality or network, it is not associated with output, suggesting that gender is intuitively trusted and in the gender quality or relationship is not

and innovation activities in the manufacturing sector in Norway. The results show that the manufacturing sector has a high level of innovation activities, but that the level of innovation activities is lower in the service sector. The results also show that the manufacturing sector has a high level of innovation activities, but that the level of innovation activities is lower in the service sector. The results also show that the manufacturing sector has a high level of innovation activities, but that the level of innovation activities is lower in the service sector.

[illegible]

gnd r, g, g, and dustion v w r not "t rly, "t d
wlngnd r, in utu, tign (r n d r n ingnd r
b=-315, S=374, =0404, r n d r n ing b=006,
S=006, =0357, r n d r n in dustion v b=183,
S=181, =0316, **Su u "l nry Txt, nd T L 611**
N v r n, utur r r n r udu nd r, "l ing "l n-
d w n "l r r r n t v, "l t u r n r t n g n-
ig, lity r r n d g

Third, with a re - timer r'n, w wr unll to unquivrly r'n in puzity long ky v rll. We know dg t tti u ill t t t'ing nd rll in utua tignt and gnd r in quality out ll r driv n by t t t t t r (g r'igiu lli r citia id c'gi) T t t tni e illity, w endu t d dditionally and und t t w n n t w t' in ty e t t t'ant d n t rll (i e i e citia t t r and gnd r - r t d t r t) w r in - dud d in t t t' t'ed gnd rll in utua tignt . gnd rll in utua tignt tix r t d t t t'ity igni - ant t t t' t t t' t' t' i gnd r in quality in [u in and citia] d r n i nd innovation) Tn nd - ing n'ight in unqu t'nt'ution e gnd rll in utua tignt . Beyond r t d t t r and r t'ly ug en - m t t t' t'ird t t r i l'ub n euly driving in r - b n ing nd rll in utua tignt and gnd r in quality in d r n i nd innovation N v r n l , utur r r n'ly x - t r n v l l' t' t' d t' p l i n puzity nd r t' t' our nding

In addition to this, the Commission has also been working to ensure that the current work is not being done in a way that is not in the best interests of the community. By recognizing that the current work is not being done in a way that is not in the best interests of the community, the Commission has been able to ensure that the current work is not being done in a way that is not in the best interests of the community.

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Supplementary material

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Author contributions

Data availability

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