Supplementary Material 1: County Level Analyses

This section shows the standardized coefficient scores and confidence intervals along with two forms of \mathbb{R}^2 , conditional (\mathbb{R}^2_c) and marginal (\mathbb{R}^2_m) , for the linear models for all significant LDA Topics, LIWC Categories, and phrases in rural and urban counties in China. \mathbb{R}^2_m is the variance explained by fixed factors and \mathbb{R}^2_c is the variance explained by both fixed and random factors (i.e., the entire model).

LDA Topics

Table 1: List of top urban topics and standardized effect sizes (β_1 from equation 1) with confidence intervals. All correlations are significant at p < .05, two-tailed t-test, Benjamini-Hochberg corrected. Top words are sorted by conditional probability, P(Topic|Word), from the LDA model

Top Words in Topic	Top Words (Translated)	β_1	R_c^2	R_m^2
	Career			
学生, 高考, 学习	student, college entrance exam, learn	0.034 (0.022, 0.047)	0.008	0.006
工作, 员工, 公司	jobs, employee, company	0.022 (0.009, 0.036)	0.023	0.021
	Family and Support	;		
母亲,父亲,孩子	mother, father, child	0.022 (0.007, 0.036)	0.004	0.000
家庭,年轻人,房子	family, young people, house	0.018 (0.003, 0.032)	0.027	0.023
回家,一年,每天	come back home, one year, every day	0.015 (0.002, 0.028)	0.001	0.000
	Finance and Economi	cs		
大盘,附近,昨天	market index, nearby, yesterday	0.040 (0.025, 0.055)	0.006	0.002
板块,个股,反弹	plate, individual stocks, rebound	0.034 (0.020, 0.047)	0.006	0.004
价格, 增长, 行业	price, increase, industry	0.032 (0.018, 0.046)	0.039	0.036
今日, 反弹, 创业板	today, rebound, gem	0.029 (0.015, 0.044)	0.009	0.006
支撑,上方,黄金	support, above, gold	0.029 (0.014, 0.043)	0.009	0.005
黄金,原油,上方	gold, crude, above	0.027 (0.013, 0.042)	0.008	0.005
经济,美国,美元	economic, united states, usd	0.027 (0.014, 0.040)	0.027	0.025
银行,公司,亿元	bank, company, billion	0.026 (0.013, 0.040)	0.034	0.031
市场, a股, 资金	market, a share, funds	0.021 (0.007, 0.034)	0.022	0.020
吨, 库存, 价格	ton, in stock, price	0.021 (0.008, 0.033)	0.025	0.023
大盘, 反弹, 日线	stock market, rebound, daily line	0.020 (0.006, 0.034)	0.007	0.004
突破,线,趋势	breakthrough, line, trend	0.019 (0.004, 0.033)	0.012	0.009
	Miscellaneous			
医生, 医院, 患者	doctors, hospital, patient	0.024 (0.011, 0.037)	0.005	0.003
顶住,对手,能力	withstand, opponent, ability	0.023 (0.010, 0.035)	0.008	0.007
	Politics and Governan			
媒体, 称, 记者	media, claim, journalist	0.059 (0.043, 0.075)	0.038	0.033
中国,美国,国家	china, united states, country	0.046 (0.031, 0.061)	0.045	0.040
中国,显示,我国	china, display, our country	0.041 (0.026, 0.056)	0.046	0.042
中国, 社会, 国家	china, society, country	0.039 (0.023, 0.055)	0.050	0.044
经济,中国,发展	economy, china, development	0.031 (0.017, 0.045)	0.052	0.048
企业, 政府, 国家	enterprise, government, country	0.023 (0.008, 0.038)	0.054	0.050
社会,这种,行为	society, this kind of, behavior	0.021 (0.006, 0.036)	0.026	0.022
	Relativity and Time Ter			
表示,很大,毫无	means, very big, nothing	0.048 (0.033, 0.062)	0.008	0.005
觉得,很多,之后	feel, a lot of, afterwards	0.061 (0.044, 0.079)	0.014	0.006
现在,已经,过去	now, already, past	0.022 (0.009, 0.034)	0.002	0.001

Table 2: List of top rural topics and standardized effect sizes (β_1 from equation 1) with confidence intervals. All correlations are significant at p<.05, two-tailed t-test, Benjamini-Hochberg corrected.

Ton Words in T:-	Ton Wonds (Translated)	ρ	D^2	D2
Top Words in Topic	Top Words (Translated)	β_1	R_c^2	R_m^2
	Achievement and Wor			
越来越, 变得, 不再	more and more, become, no longer	-0.061 (-0.081, -0.041)	0.019	0.007
努力, 坚持, 希望	work hard, persist, hope	-0.061 (-0.082, -0.039)	0.019	0.004
成功,改变,能力	success, change, ability	-0.059 (-0.078, -0.041)	0.017	0.007
自由,欲望,内心	freedom, desire, heart	-0.047 (-0.064, -0.030)	0.011	0.005
一天, 忙, 休息	one day, busy, rest	-0.030 (-0.045, -0.016)	0.007	0.004
需要,时间,事情	need, time, thing	-0.030 (-0.046, -0.013)	0.008	0.003
面对,现实,事	face, reality, thing	-0.028 (-0.043, -0.012)	0.005	0.001
快乐,总是,活着	happy, always, alive	-0.027 (-0.043, -0.011)	0.006	0.001
完成,目标,计划	accomplish, goal, plan	-0.021 (-0.035, -0.007)	0.005	0.002
付出,生命,成长	give, life, growing up	-0.020 (-0.034, -0.006)	0.003	0.000
工作, 每天, 职场	jobs, every day, workplace	-0.018 (-0.033, -0.004)	0.005	0.002
	Causality			
导致,原因,造成	resulting in, reason, cause	-0.031 (-0.049, -0.014)	0.009	0.001
影响,导致,造成	influences, resulting in, cause	-0.024 (-0.039, -0.009)	0.011	0.007
	Dissatisfaction and Disc	repancy		
人生, 也许, 痛苦	life, maybe, pain	-0.057 (-0.076, -0.037)	0.015	0.004
不能,承受,责任	can't, bear, responsibility	-0.056 (-0.076, -0.037)	0.016	0.005
不会,希望,现在	will not, hope, now	-0.039 (-0.058, -0.019)	0.021	0.010
放下,抱怨,快乐	let go, complain, happy	-0.024 (-0.039, -0.008)	0.006	0.001
	Emotions, Experiences, and	Perceptions		
生活,每天,方式	life, every day, the way	-0.106 (-0.134, -0.078)	0.047	0.016
思念,心里,心中	miss, in the heart, in mind	-0.074 (-0.095, -0.054)	0.022	0.009
心情,放松,情绪	mood, relax, emotion	-0.068 (-0.090, -0.045)	0.022	0.005
人生,快乐,放下	life, happy, lay down	-0.065 (-0.083, -0.047)	0.014	0.005
生活,享受,快乐	life, enjoy, happy	-0.056 (-0.074, -0.039)	0.012	0.004
爱情,感情,婚姻	love, attachment, marriage	-0.054 (-0.073, -0.036)	0.019	0.010
情绪,表达,情感	emotion, expression, affection	-0.049 (-0.068, -0.029)	0.014	0.003
理解, 微笑, 面对	understanding, smile, face	-0.044 (-0.063, -0.026)	0.015	0.006
缓解,减轻,帮助	ease, lighten, help	-0.042 (-0.065, -0.019)	0.021	0.004
感觉, 空间, 轻松	feel, space, relaxed	-0.027 (-0.040, -0.014)	0.003	0.001
选择,生活,人生	select, life, life	-0.027 (-0.043, -0.011)	0.008	0.003
心理, 焦虑, 情绪	psychology, anxiety, emotion	-0.023 (-0.038, -0.009)	0.005	0.002
	Body and Mind			
食物,健康,增加	food, health, increase	-0.056 (-0.075, -0.036)	0.014	0.003
心灵,释放,属于	soul, release, belong	-0.045 (-0.064, -0.027)	0.012	0.003
身体,健康,睡眠	body, health, sleep	-0.045 (-0.061, -0.028)	0.009	0.002
身体,作用,人体	body, effect, human body	-0.038 (-0.057, -0.018)	0.013	0.003
运动,身体,动作	sport, body, action	-0.037 (-0.060, -0.015)	0.019	0.001
出现, 症状, 疼痛	appear, symptom, pain	-0.036 (-0.053, -0.019)	0.009	0.002
肌肤, 皮肤, 使用	skin, skin, use	-0.035 (-0.053, -0.017)	0.012	0.003
	Recommendation			
注意,最好,建议	note, best, suggest	-0.035 (-0.052, -0.018)	0.008	0.002
不要, 重要, 特别	don't, important, especially	-0.016 (-0.030, -0.002)	0.003	0.000
	Simplicity	- (,)		
越, 少, 简单	more, less, simple	-0.054 (-0.074, -0.034)	0.017	0.005
可能,容易,最大	may, easy, maximum	-0.054 (-0.071, -0.036)	0.017	0.004
1110, 11 //1, 41/1	, , ••••, ,	2.02 . (0.071, 0.050)	0.012	0.001

LIWC Categories

Note that \vec{J} has no corresponding English word, it has many uses in Chinese, often to express completed action or perfective aspect. We represent the English translation of \vec{J} as its Chinese pronunciation le.

Table 3: List of top urban LIWC categories and standardized effect sizes (β_1 from equation 1) with confidence intervals. All correlations are significant at p < .05, two-tailed t-test, Benjamini-Hochberg corrected.

Category	Top Words in Category	Top Words (Trans-lated)	eta_1	R_c^2	R_m^2	
		Cognitive Processes				
Insight	了,想,知道	le, think, know	0.031 (0.015, 0.047)	0.009	0.003	
	1,70,7112	Function Words	0.001 (0.010, 0.017)	0.007		
Specifying	上,下,前	on, under, before	0.032 (0.018, 0.046)	0.006	0.004	
articles	<u>, , , ,,,,,,,,,,,,,,,,,,,,,,,,,,,,</u>	,,	(******, *** ***)			
-		Informal Language				
Assent	了, 是, 对	le, yes, correct	0.043 (0.024, 0.062)	0.020	0.010	
Nonfluencies	就是, 啊, 那	just is, what, that	0.031 (0.016, 0.046)	0.010	0.008	
		Personal Concerns				
Work	工作,需要,努力	jobs, need, work hard	0.039 (0.025, 0.053)	0.047	0.044	
Money	元, 经济, 买	yuan, economic, buy	0.023 (0.008, 0.038)	0.032	0.030	
		Pronouns				
They	他们, 她们	they, they	0.405 (0.034, 0.775)	0.612	0.071	
We	大家, 咱, 我们	everyone, we, we	0.026 (0.006, 0.046)	0.013	0.012	
		Relativity				
Time	时候,后,月	when, after, month	0.026 (0.014, 0.038)	0.001	0.001	
Relativity	在,大,到	in, big, to	0.018 (0.005, 0.030)	0.010	0.008	
Motion	到,上,去	to, on, go to	0.016 (0.003, 0.029)	0.002	0.001	
Social Processes						
Family	孩子,父母,家庭	child, parents, family	0.018 (0.004, 0.033)	0.005	0.004	
	Tenses					
Tenses	了, 中, 着	le, in, ongoing	0.064 (0.045, 0.084)	0.016	0.005	
Progressive	了, 已经, 已	le, already, already	0.048 (0.030, 0.065)	0.013	0.005	
tense						
Future tense	将, 看, 后	will, look, after	0.037 (0.023, 0.050)	0.004	0.003	

Table 4: List of top rural LIWC categories and standardized effect sizes (β_1 from equation 1) with confidence intervals. All correlations are significant at p<.05, two-tailed t-test, Benjamini-Hochberg corrected.

Category	Top Words in	Top Words (Trans-	β_1	R_c^2	R_m^2
Category	Category	lated)	$ ho_1$	n_c	n_m
		Affective Processes			
Affect	压力,对,好	pressure, correct,	-0.088 (-0.111, -0.064)	0.034	0.014
		good			
Positive	好,爱,快乐	good, love, happy	-0.071 (-0.091, -0.051)	0.027	0.015
emotions	74,50,000	8 · · · · · · · · · · · · · · · · · · ·	(, .,,		
Negative	压力,负担,疲惫	pressure, burden, ex-	-0.070 (-0.092, -0.048)	0.022	0.006
emotions	\(\frac{1}{2}\), \(\frac{1}\), \(\frac{1}{2}\), \(\frac{1}{2}\), \(\frac{1}{2}\), \(\frac{1}\), \(\frac{1}{2}\), \(\frac{1}{2	hausted	0.070 (0.052, 0.0.0)	0.022	0.000
Sadness	放弃,累,痛苦	give up, tired, pain	-0.043 (-0.062, -0.023)	0.014	0.004
Anxiety	压力, 烦恼, 焦虑	pressure, upset, anxi-	-0.030 (-0.053, -0.008)	0.018	0.002
	22,3,7,7,12,7,11,73	ety			
Inhibition	等, 压抑, 保持	wait, depressed, main-	-0.022 (-0.036, -0.008)	0.006	0.003
111110111011	3,2211, 1111	tain	0.022 (0.020, 0.000)	0.000	0.002
		Biological Processes			
Biological	疲惫,爱,吃	exhausted, love, eat	-0.048 (-0.064, -0.032)	0.011	0.005
processes	//文/心,文,"凸	exhausted, love, cat	0.040 (0.004, 0.032)	0.011	0.005
Health	疲惫,生命,健康	exhausted, life, health	-0.041 (-0.056, -0.026)	0.006	0.002
Sexual	爱,女人,欲望	love, woman, desire	-0.032 (-0.051, -0.014)	0.010	0.002
Body	感觉,生命,身体	feel, life, body	-0.028 (-0.043, -0.013)	0.006	0.003
Dody	10 9E, 11 HP, 21 FT	Cognitive Processes	0.020 (0.043, 0.013)	-0.000	0.003
Discrepancy	会, 要, 能	will, want, can	-0.064 (-0.084, -0.045)	0.017	0.006
Tentative	可以,想,如果	can, think, if	-0.004 (-0.084, -0.043)	0.017	0.000
Causation	让,因为,所以			0.013	0.002
	工, 因为, 所以 了, 就, 不	let, because, so	-0.025 (-0.041, -0.009)	0.008	
Cognitive mechanisms	」,奶儿,小	le, then, no	-0.025 (-0.042, -0.007)	0.011	0.003
Certainty	大家,真的,每天	overvone really ov	0.010 (0.022 0.005)	0.007	0.004
Certainty	八洲, 共时, 母八	everyone, really, ev-	-0.019 (-0.033, -0.005)	0.007	0.004
		ery day Function Words			
Auxiliary	要,能,可以	want, can, may	-0.050 (-0.068, -0.032)	0.014	0.005
verbs	21, 112, 121	,,	(,)		
Multifunction	的, 是, 有	of, yes, have	-0.048 (-0.066, -0.029)	0.012	0.003
Negations	不,没有,不要	no, none, don't	-0.037 (-0.054, -0.019)	0.012	0.004
Conjunctions	就,和,也	then, and, also	-0.032 (-0.049, -0.016)	0.009	0.003
Quantifiers	多, 大, 更	many, big, more	-0.013 (-0.026, 0.000)	0.002	0.001
C	2,7,4,70	Perceptual Processes	***************************************		
Perceptual	说, 沉重, 快乐	say, heavy, happy	-0.042 (-0.056, -0.028)	0.010	0.007
processes	90, 170主, 170A	say, neavy, nappy	0.012 (0.030, 0.020)	0.010	0.007
See	视频,美好,注意	video, beautiful, note	-0.034 (-0.052, -0.016)	0.010	0.004
Feel	沉重,感觉,皮肤	heavy, feel, skin	-0.024 (-0.039, -0.009)	0.005	0.003
1 001	71至,心处,风水	Personal Concerns	0.024 (0.03), 0.00))	0.003	0.003
Achievement	工作,需要,努力	jobs, need, work hard	-0.033 (-0.051, -0.015)	0.026	0.018
Home	家庭,睡,睡觉	family, sleep, go to	-0.032 (-0.048, -0.016)	0.020	0.013
Home	次 次正,□里,□里 火也	bed	-0.032 (-0.048, -0.010)	0.004	0.001
Leisure	容易,健康,喝		-0.028 (-0.043, -0.013)	0.005	0.001
Leisure	付勿,)性脉, ™	easy, health, drink	-0.028 (-0.043, -0.013)	0.003	0.001
Vou	<i>标</i>	Pronouns	0.055 (0.075 0.026)	0.019	0.007
You	你,您,祢	you, you, you	-0.055 (-0.075, -0.036)	0.018	0.007
Pronouns	你,我,人	you, I, people	-0.047 (-0.067, -0.028)	0.028	0.018
Impersonal	人,它,那	people, it, that	-0.042 (-0.058, -0.026)	0.008	0.003
pronouns	<i>佐</i>	von I one16	0.020 (0.050 - 0.020)	0.020	0.010
Personal pro-	你,我,自己	you, I, oneself	-0.039 (-0.058, -0.020)	0.028	0.018
nouns Sha/IIa	4 加 人安	ha aha ma1-	0.027 (0.051 -0.004)	0.010	0.002
She/He	他,她,人家	he, she, people	-0.027 (-0.051, -0.004)	0.018	0.003
I	我, 自己, 人家	I, oneself, people	-0.018 (-0.036, -0.001)	0.023	0.015

Phrases

Table 5: List of top urban phrases out of the top 100 most frequent occurring urban phrases and standardized effect sizes (β_1 from equation 1) with confidence intervals. All correlations are significant at p < .05, two-tailed t-test, Benjamini-Hochberg corrected.

元 yuan	Phrase	Phrase (Translated)	eta_1	R_c^2	R_m^2
で版		yuan	0.100 (0.063, 0.136)	0.017	0.008
解! what! 0.070 (0.032, 0.107) 0.015 0.012 啊! what! 0.068 (0.038, 0.098) 0.008 0.007 么 what 0.063 (0.034, 0.092) 0.017 0.015 辛苦 hard 0.056 (0.018, 0.094) 0.021 0.012 经济 economic 0.056 (0.018, 0.094) 0.021 0.016 儿子 son 0.055 (0.012, 0.099) 0.006 0.003 解決 solve 0.054 (0.013, 0.096) 0.015 0.007 您 you 0.054 (0.013, 0.096) 0.015 0.007 您 you 0.054 (0.013, 0.095) 0.012 0.002 话 words 0.052 (0.021, 0.084) 0.013 0.010 一点 a little 0.052 (0.024, 0.079) 0.022 0.016 地方 locality 0.051 (0.011, 0.091) 0.012 0.005 系人 family 0.051 (0.011, 0.091) 0.012 0.005 精刊 get 0.050 (0.017, 0.083) 0.014 0.003 都有 both have 0.050 (0.017, 0.083) 0.014 0.003 都有 both have 0.050 (0.017, 0.083) 0.012 0.006 休息 rest 0.049 (0.018, 0.081) 0.010 0.007 手机 cell phone 0.049 (0.009, 0.089) 0.012 0.006 加量 power 0.048 (0.010, 0.087) 0.017 0.009 真是 really 0.048 (0.011, 0.085) 0.018 0.013 压力很大 so much pressure 0.047 (0.010, 0.085) 0.012 0.005 要求 claim 0.047 (0.010, 0.085) 0.012 0.005 要求 claim 0.047 (0.010, 0.085) 0.012 0.005 要求 claim 0.047 (0.010, 0.085) 0.012 0.005 医生 doctors 0.047 (0.010, 0.085) 0.012 0.005 要求 claim 0.047 (0.010, 0.083) 0.014 0.004 看看 take a look 0.047 (0.012, 0.082) 0.013 0.005 要求 claim 0.047 (0.010, 0.083) 0.014 0.004 看看 take a look 0.047 (0.010, 0.083) 0.013 0.005 要求 claim 0.047 (0.010, 0.083) 0.014 0.004 看看 take a look 0.047 (0.010, 0.083) 0.013 0.005 要求 claim 0.047 (0.010, 0.083) 0.014 0.004 第桂 fear 0.046 (0.001, 0.083) 0.013 0.003 中年 one year 0.046 (0.001, 0.083) 0.016 0.003 恐惧 fear 0.046 (0.005, 0.087) 0.035 0.021 毫无 nothing 0.045 (0.016, 0.075) 0.008 0.004 大学 the university 0.045 (0.016, 0.075) 0.008 0.004 大学 the university 0.045 (0.016, 0.075) 0.008 0.004 春种 various 0.045 (0.016, 0.075) 0.007 龙 find 0.045 (0.016, 0.075) 0.007 ② preceive 0.046 (0.0007, 0.083) 0.006 0.002 邓 prun 0.043 (0.002, 0.084) 0.019 0.010 目前 currently 0.043 (0.007, 0.078) 0.005 0.002	教育	education	0.087 (0.048, 0.126)	0.007	0.007
what!	吃饭	eat	0.070 (0.031, 0.109)	0.015	0.011
女 what 0.063 (0.034, 0.092) 0.017 0.015 辛苦 hard 0.056 (0.018, 0.094) 0.021 0.012 经济 economic 0.056 (0.018, 0.094) 0.021 0.016 儿子 son 0.055 (0.012, 0.099) 0.006 0.003 解決 solve 0.054 (0.013, 0.095) 0.012 0.002 您 you 0.0524 (0.013, 0.095) 0.012 0.002 话 words 0.052 (0.021, 0.084) 0.013 0.010 一点 a little 0.052 (0.021, 0.081) 0.005 0.003 家人 family 0.051 (0.011, 0.091) 0.012 0.005 排列 get 0.050 (0.017, 0.083) 0.014 0.003 都有 both have 0.050 (0.017, 0.083) 0.012 0.006 休息 rest 0.049 (0.018, 0.081) 0.010 0.007 寿机 cell phone 0.049 (0.018, 0.081) 0.010 0.007 寿型 power 0.049 (0.013, 0.085) 0.012 0.005	穿	wear	0.070 (0.032, 0.107)	0.015	0.012
辛苦 hard 0.056 (0.018, 0.094) 0.021 0.012 经済 economic 0.056 (0.018, 0.094) 0.021 0.016 儿子 son 0.055 (0.012, 0.099) 0.006 0.003 解決 solve 0.054 (0.013, 0.096) 0.015 0.007 您 you 0.054 (0.013, 0.095) 0.012 0.002 话 words 0.052 (0.021, 0.084) 0.013 0.010 一点 a little 0.052 (0.024, 0.079) 0.022 0.016 地方 locality 0.051 (0.021, 0.081) 0.005 0.003 家人 family 0.051 (0.011, 0.091) 0.012 0.005 得到 get 0.050 (0.017, 0.083) 0.014 0.003 都有 both have 0.050 (0.017, 0.083) 0.012 0.005 排列 get 0.050 (0.017, 0.083) 0.012 0.006 休息 rest 0.049 (0.018, 0.081) 0.010 0.007 手机 cell phone 0.049 (0.018, 0.081) 0.011 0.005	啊!	what!	0.068 (0.038, 0.098)	0.008	0.007
経済 economic	么	what	0.063 (0.034, 0.092)	0.017	0.015
八子	辛苦	hard	0.056 (0.018, 0.094)	0.021	0.012
解決 solve you 0.054 (0.013, 0.096) 0.015 0.007 您 you 0.054 (0.013, 0.095) 0.012 0.002 话 words 0.052 (0.021, 0.084) 0.013 0.010 一点 a little 0.052 (0.024, 0.079) 0.022 0.016 地方 locality 0.051 (0.021, 0.081) 0.005 0.003 家人 family 0.051 (0.011, 0.091) 0.012 0.005 得到 get 0.050 (0.017, 0.083) 0.014 0.003 都有 both have 0.050 (0.017, 0.083) 0.012 0.006 休息 rest 0.049 (0.018, 0.081) 0.010 0.007 手机 cell phone 0.049 (0.009, 0.089) 0.012 0.006 那不 neither 0.048 (0.010, 0.087) 0.012 0.006 那不 neither 0.048 (0.010, 0.087) 0.012 0.005 那不 neither 0.048 (0.011, 0.085) 0.012 0.005 那不 neither 0.047 (0.010, 0.087) 0.017 0.009 真是 really 0.047 (0.010, 0.085) 0.012 0.002 由 by 0.047 (0.009, 0.086) 0.014 0.004 看看 take a look 0.047 (0.012, 0.082) 0.013 0.005 要求 claim 0.047 (0.012, 0.082) 0.013 0.005 要求 claim 0.047 (0.011, 0.082) 0.014 0.006 医生 doctors 0.047 (0.004, 0.089) 0.004 0.003 北京 beijing 0.047 (0.010, 0.083) 0.013 0.003 0.05 beijing 0.047 (0.010, 0.083) 0.013 0.003 0.05 beijing 0.047 (0.010, 0.083) 0.013 0.003 0.016 pear one year 0.046 (0.010, 0.083) 0.006 0.003 恐惧 fear 0.046 (0.010, 0.083) 0.006 0.003 恐惧 fear 0.046 (0.001, 0.091) 0.013 0.011 0.006	经济	economic	0.056 (0.018, 0.094)	0.021	0.016
您 you 0.054 (0.013, 0.095) 0.012 0.002 话 words 0.052 (0.021, 0.084) 0.013 0.010 一点 a little 0.052 (0.024, 0.079) 0.022 0.016 地方 locality 0.051 (0.021, 0.081) 0.005 0.003 家人 family 0.051 (0.011, 0.091) 0.012 0.005 得到 get 0.050 (0.017, 0.083) 0.014 0.003 都有 both have 0.050 (0.017, 0.083) 0.012 0.006 休息 rest 0.049 (0.018, 0.081) 0.010 0.007 手机 cell phone 0.049 (0.009, 0.089) 0.012 0.006 亦不 neither 0.048 (0.010, 0.085) 0.012 0.005 亦不 neither 0.048 (0.011, 0.085) 0.012 0.005 亦不 neither 0.047 (0.010, 0.085) 0.012 0.005 亦正 claim 0.047 (0.010, 0.085) 0.012 0.002 由 by 0.047 (0.009, 0.086) 0.014 0.004 看看 take a look 0.047 (0.012, 0.082) 0.013 0.005 变求 claim 0.047 (0.011, 0.082) 0.014 0.006 医生 doctors 0.047 (0.004, 0.089) 0.004 0.003 北京 beijing 0.047 (0.010, 0.083) 0.013 0.003 一年 one year 0.046 (0.010, 0.083) 0.013 0.003 一年 one year 0.046 (0.010, 0.083) 0.006 0.003 恐惧 fear 0.046 (0.010, 0.087) 0.013 0.011 愛 receive 0.046 (0.001, 0.091) 0.013 0.011 愛 receive 0.046 (0.001, 0.091) 0.013 0.011 交 receive 0.046 (0.007, 0.083) 0.006 0.002 毫无 nothing 0.045 (0.016, 0.075) 0.008 0.004 大学 the university 0.045 (0.005, 0.085) 0.011 0.008 及种 various 0.045 (0.016, 0.075) 0.008 0.004 大学 the university 0.045 (0.007, 0.083) 0.006 0.002 移村 various 0.045 (0.016, 0.075) 0.001 0.008 及	儿子	son	0.055 (0.012, 0.099)	0.006	0.003
活 words 0.052 (0.021, 0.084) 0.013 0.010 一点 a little 0.052 (0.024, 0.079) 0.022 0.016 地方 locality 0.051 (0.021, 0.081) 0.005 0.003 家人 family 0.051 (0.011, 0.091) 0.012 0.005 得到 get 0.050 (0.017, 0.083) 0.014 0.003 都有 both have 0.050 (0.017, 0.083) 0.012 0.006 休息 rest 0.049 (0.018, 0.081) 0.010 0.007 手机 cell phone 0.049 (0.009, 0.089) 0.012 0.006 亦不 neither 0.048 (0.010, 0.087) 0.012 0.005 那不 neither 0.048 (0.011, 0.085) 0.012 0.005 事工 neither 0.048 (0.011, 0.085) 0.012 0.005 要求 claim 0.047 (0.010, 0.085) 0.012 0.002 由 by 0.047 (0.009, 0.086) 0.014 0.004 看看 take a look 0.047 (0.012, 0.082) 0.013 0.005 要求 claim 0.047 (0.011, 0.082) 0.014 0.006 医生 doctors 0.047 (0.012, 0.082) 0.013 0.005 要求 claim 0.047 (0.011, 0.082) 0.014 0.006 医生 doctors 0.047 (0.004, 0.089) 0.004 0.003 北京 beijing 0.047 (0.010, 0.083) 0.013 0.003 一年 one year 0.046 (0.010, 0.083) 0.013 0.003 小章 ereceive 0.046 (0.010, 0.083) 0.006 0.003 恐惧 fear 0.046 (0.010, 0.083) 0.006 0.003 恐惧 fear 0.046 (0.001, 0.091) 0.013 0.011 受 receive 0.046 (0.001, 0.091) 0.013 0.011 デー the university 0.045 (0.005, 0.087) 0.035 0.021 action 0.045 (0.016, 0.075) 0.008 prun 0.043 (0.007, 0.083) 0.006 0.002 kt find 0.045 (0.016, 0.073) 0.015 0.006 prun 0.043 (0.002, 0.084) 0.019 0.010 li前 currently 0.043 (0.007, 0.078) 0.005	解决	solve	0.054 (0.013, 0.096)	0.015	0.007
一点 a little 0.052 (0.024, 0.079) 0.022 0.016 地方 locality 0.051 (0.021, 0.081) 0.005 0.003 家人 family 0.051 (0.011, 0.091) 0.012 0.005 得到 get 0.050 (0.017, 0.083) 0.014 0.003 都有 both have 0.050 (0.017, 0.083) 0.012 0.006 休息 rest 0.049 (0.018, 0.081) 0.010 0.007 手机 cell phone 0.049 (0.009, 0.089) 0.012 0.006 都不 neither 0.048 (0.010, 0.087) 0.012 0.005 都不 neither 0.048 (0.010, 0.087) 0.012 0.005 都不 neither 0.048 (0.010, 0.087) 0.012 0.005 都不 neither 0.048 (0.010, 0.087) 0.017 0.009 真是 really 0.048 (0.011, 0.085) 0.018 0.002 0.005 由 by 0.047 (0.010, 0.085) 0.018 0.002 0.005 要求 claim 0.047 (0.012, 0.082) 0.013 0.005 要求 claim 0.047 (0.011, 0.082) 0.014 0.004 第 位式 doctors 0.047 (0.004, 0.089) 0.004 0.003 北京 beijing 0.047 (0.010, 0.083) 0.013 0.003 0.07年 0.09 care 0.046 (0.010, 0.083) 0.013 0.003 0.07年 0.09 care 0.046 (0.010, 0.083) 0.013 0.003 0.014 0.044 (0.001, 0.091) 0.013 0.011 受 receive 0.046 (0.001, 0.091) 0.013 0.011 受 receive 0.046 (0.001, 0.091) 0.013 0.011 受 receive 0.046 (0.005, 0.087) 0.035 0.021 0.045 (0.016, 0.075) 0.008 0.004 大学 the university 0.045 (0.016, 0.075) 0.008 0.004 大学 the university 0.045 (0.016, 0.075) 0.008 0.004	您	you	0.054 (0.013, 0.095)	0.012	0.002
地方 locality 0.051 (0.021, 0.081) 0.005 0.003 家人 family 0.051 (0.011, 0.091) 0.012 0.005 得到 get 0.050 (0.017, 0.083) 0.014 0.003 都有 both have 0.050 (0.017, 0.083) 0.012 0.006 休息 rest 0.049 (0.018, 0.081) 0.010 0.007 手机 cell phone 0.049 (0.009, 0.089) 0.012 0.006 加量 power 0.049 (0.013, 0.085) 0.012 0.005 都不 neither 0.048 (0.010, 0.087) 0.017 0.009 真是 really 0.048 (0.011, 0.085) 0.018 0.013 压力很大 so much pressure by 0.047 (0.010, 0.087) 0.012 0.002 相看 take a look 0.047 (0.012, 0.082) 0.014 0.004 看看 take a look 0.047 (0.011, 0.085) 0.018 0.005 要求 claim 0.047 (0.011, 0.082) 0.014 0.005 医生 doctors 0.047 (0.011, 0.082) 0.014 0.006 医生 doctors 0.047 (0.004, 0.089) 0.004 0.003 北京 beijing 0.047 (0.010, 0.083) 0.013 0.003 一年 one year 0.046 (0.010, 0.083) 0.013 0.003 の場 信ar 0.046 (0.010, 0.083) 0.006 0.003 恐惧 fear 0.046 (0.001, 0.091) 0.013 0.011 受 receive 0.046 (0.005, 0.087) 0.035 0.021 毫无 nothing 0.045 (0.016, 0.075) 0.008 0.004 大学 the university 0.045 (0.016, 0.075) 0.008 0.004 大学 the university 0.045 (0.016, 0.075) 0.008 0.004 大学 the university 0.045 (0.016, 0.075) 0.001 0.008 0.004 1 0.004 0.005 0.005 0.002 0.005 0.005 0.002 0.005 0.002 0.005 0.005 0.002 0.004 0.006 0.007 0.008 0.005 0.0005 0.002 0.004 0.004 0.004 0.005 0.007 0.008 0.006 0.005 0.	话	words	0.052 (0.021, 0.084)	0.013	0.010
察人 family 0.051 (0.011, 0.091) 0.012 0.005 得到 get 0.050 (0.017, 0.083) 0.014 0.003 都有 both have 0.050 (0.017, 0.083) 0.012 0.006 休息 rest 0.049 (0.018, 0.081) 0.010 0.007 手机 cell phone 0.049 (0.009, 0.089) 0.012 0.006 力量 power 0.049 (0.013, 0.085) 0.012 0.005 都不 neither 0.048 (0.010, 0.087) 0.017 0.009 真是 really 0.048 (0.011, 0.085) 0.018 0.013 压力很大 so much pressure 0.047 (0.010, 0.085) 0.012 0.002 由 by 0.047 (0.009, 0.086) 0.014 0.004 看看 take a look 0.047 (0.012, 0.082) 0.013 0.005 要求 claim 0.047 (0.011, 0.082) 0.014 0.006 医生 doctors 0.047 (0.011, 0.082) 0.014 0.006 医生 doctors 0.047 (0.010, 0.083) 0.013 0.003 小京 beijing 0.047 (0.010, 0.083) 0.013 0.003 小京 beijing 0.047 (0.010, 0.083) 0.013 0.003 小京 crecive 0.046 (0.010, 0.083) 0.006 0.003 恐惧 fear 0.046 (0.001, 0.091) 0.013 0.011 愛 receive 0.046 (0.001, 0.091) 0.013 0.001 毫无 nothing 0.045 (0.016, 0.075) 0.008 0.004 大学 the university 0.045 (0.016, 0.075) 0.008 0.004 大学 the university 0.045 (0.007, 0.083) 0.016 0.002 样子 look like 0.045 (0.005, 0.085) 0.011 0.008 及种 various 0.045 (0.014, 0.075) 0.015 0.006 № run 0.043 (0.002, 0.084) 0.019 0.010 目前 currently 0.043 (0.007, 0.078) 0.005 0.002 家里 home 0.004 (0.006, 0.078) 0.012 0.007	一点	a little	0.052 (0.024, 0.079)	0.022	0.016
得到 get 0.050 (0.017, 0.083) 0.014 0.003 都有 both have 0.050 (0.017, 0.083) 0.012 0.006 休息 rest 0.049 (0.018, 0.081) 0.010 0.007 手机 cell phone 0.049 (0.009, 0.089) 0.012 0.006 力量 power 0.049 (0.013, 0.085) 0.012 0.005 都不 neither 0.048 (0.010, 0.087) 0.017 0.009 真是 really 0.048 (0.011, 0.085) 0.018 0.013 压力很大 so much pressure 0.047 (0.010, 0.085) 0.012 0.002 由 by 0.047 (0.009, 0.086) 0.014 0.004 看看 take a look 0.047 (0.012, 0.082) 0.013 0.005 要求 claim 0.047 (0.011, 0.082) 0.014 0.006 医生 doctors 0.047 (0.004, 0.089) 0.004 0.003 北京 beijing 0.047 (0.010, 0.083) 0.013 0.003 つ年 one year 0.046 (0.010, 0.083) 0.013 0.003 小東 fear 0.046 (0.001, 0.091) 0.013 0.001 愛 receive 0.046 (0.001, 0.091) 0.013 0.001 愛 receive 0.046 (0.001, 0.091) 0.013 0.001 愛 receive 0.046 (0.005, 0.087) 0.035 0.021 毫无 nothing 0.045 (0.016, 0.075) 0.008 0.004 大学 the university 0.045 (0.007, 0.083) 0.016 0.002 样子 look like 0.045 (0.005, 0.085) 0.011 0.008 及种 various 0.045 (0.014, 0.075) 0.015 0.006 晚 run 0.043 (0.002, 0.084) 0.019 0.010 目前 currently 0.043 (0.007, 0.078) 0.005 0.002 家里 home 0.0042 (0.006, 0.078) 0.012 0.007	地方	locality	0.051 (0.021, 0.081)	0.005	0.003
## both have	家人	family	0.051 (0.011, 0.091)	0.012	0.005
休息 rest	得到	get	0.050 (0.017, 0.083)	0.014	0.003
手机 cell phone 0.049 (0.009, 0.089) 0.012 0.006 力量 power 0.049 (0.013, 0.085) 0.012 0.005 都不 neither 0.048 (0.010, 0.087) 0.017 0.009 真是 really 0.048 (0.011, 0.085) 0.018 0.013 压力很大 so much pressure 0.047 (0.010, 0.085) 0.012 0.002 由 by 0.047 (0.009, 0.086) 0.014 0.004 看看 take a look 0.047 (0.012, 0.082) 0.013 0.005 要求 claim 0.047 (0.011, 0.082) 0.014 0.006 医生 doctors 0.047 (0.004, 0.089) 0.004 0.003 北京 beijing 0.047 (0.010, 0.083) 0.013 0.003 中年 one year 0.046 (0.010, 0.083) 0.006 0.003 恐惧 fear 0.046 (0.001, 0.091) 0.013 0.011 受 receive 0.046 (0.005, 0.087) 0.035 0.021 毫无 nothing 0.045 (0.016, 0.075) 0.008	都有	both have	0.050 (0.017, 0.083)	0.012	0.006
手机 cell phone 0.049 (0.009, 0.089) 0.012 0.006 力量 power 0.049 (0.013, 0.085) 0.012 0.005 都不 neither 0.048 (0.010, 0.087) 0.017 0.009 真是 really 0.048 (0.011, 0.085) 0.018 0.013 压力很大 so much pressure 0.047 (0.010, 0.085) 0.012 0.002 由 by 0.047 (0.009, 0.086) 0.014 0.004 看看 take a look 0.047 (0.012, 0.082) 0.013 0.005 要求 claim 0.047 (0.011, 0.082) 0.014 0.006 医生 doctors 0.047 (0.004, 0.089) 0.004 0.003 北京 beijing 0.047 (0.010, 0.083) 0.013 0.003 小年 one year 0.046 (0.010, 0.083) 0.006 0.003 恐惧 fear 0.046 (0.001, 0.083) 0.006 0.003 恐惧 fear 0.046 (0.005, 0.087) 0.035 0.001 麦元 nothing 0.045 (0.016, 0.075) 0.008	休息	rest	0.049 (0.018, 0.081)	0.010	0.007
都不 neither 0.048 (0.010, 0.087) 0.017 0.009 真是 really 0.048 (0.011, 0.085) 0.018 0.013 压力很大 so much pressure 0.047 (0.010, 0.085) 0.012 0.002 由 by 0.047 (0.009, 0.086) 0.014 0.004 看看 take a look 0.047 (0.012, 0.082) 0.013 0.005 要求 claim 0.047 (0.011, 0.082) 0.014 0.006 医生 doctors 0.047 (0.004, 0.089) 0.004 0.003 北京 beijing 0.047 (0.010, 0.083) 0.013 0.003 一年 one year 0.046 (0.010, 0.083) 0.006 0.003 恐惧 fear 0.046 (0.001, 0.091) 0.013 0.011 受 receive 0.046 (0.005, 0.087) 0.035 0.021 毫无 nothing 0.045 (0.016, 0.075) 0.008 0.004 大学 the university 0.045 (0.007, 0.083) 0.006 0.002 样子 look like 0.045 (0.007, 0.083) 0.006 0.002 核种 various 0.045 (0.014, 0.075) 0.011 0.008 各种 various 0.045 (0.016, 0.073) 0.015 0.008 找 find 0.045 (0.016, 0.073) 0.015 0.006 即 run 0.043 (0.002, 0.084) 0.019 0.010 目前 currently 0.043 (0.007, 0.078) 0.005 0.002 家里 home 0.042 (0.006, 0.078) 0.012 0.007	手机	cell phone		0.012	0.006
真是 really 0.048 (0.011, 0.085) 0.018 0.013 压力很大 so much pressure 0.047 (0.010, 0.085) 0.012 0.002 由 by 0.047 (0.009, 0.086) 0.014 0.004 看看 take a look 0.047 (0.012, 0.082) 0.013 0.005 要求 claim 0.047 (0.011, 0.082) 0.014 0.006 医生 doctors 0.047 (0.004, 0.089) 0.004 0.003 北京 beijing 0.047 (0.010, 0.083) 0.013 0.003 一年 one year 0.046 (0.010, 0.083) 0.006 0.003 恐惧 fear 0.046 (0.001, 0.091) 0.013 0.011 受 receive 0.046 (0.005, 0.087) 0.035 0.021 毫无 nothing 0.045 (0.016, 0.075) 0.008 0.004 大学 the university 0.045 (0.007, 0.083) 0.001 0.002 样子 look like 0.045 (0.005, 0.085) 0.011 0.008 各种 various 0.045 (0.016, 0.073) 0.0	力量	power	0.049 (0.013, 0.085)	0.012	0.005
压力很大 so much pressure by 0.047 (0.010, 0.085) 0.012 0.002 0.047 (0.009, 0.086) 0.014 0.004 有看 take a look 0.047 (0.012, 0.082) 0.013 0.005 要求 claim 0.047 (0.011, 0.082) 0.014 0.006 医生 doctors 0.047 (0.004, 0.089) 0.004 0.003 北京 beijing 0.047 (0.010, 0.083) 0.013 0.003 0.045 0.046 (0.010, 0.083) 0.013 0.003 0.046 (0.010, 0.083) 0.006 0.003 0.046 (0.001, 0.091) 0.013 0.011 0.008 0.0046 (0.001, 0.091) 0.013 0.011 0.008 0.0045 (0.006, 0.087) 0.035 0.021 0.045 (0.006, 0.087) 0.008 0.004 0.005 (0.007, 0.083) 0.006 0.002 0.005 (0.006, 0.087) 0.005 0.001 0.005 0.	都不	neither	0.048 (0.010, 0.087)	0.017	0.009
由 by 0.047 (0.009, 0.086) 0.014 0.004 看看 take a look 0.047 (0.012, 0.082) 0.013 0.005 要求 claim 0.047 (0.011, 0.082) 0.014 0.006 医生 doctors 0.047 (0.004, 0.089) 0.004 0.003 北京 beijing 0.047 (0.010, 0.083) 0.013 0.003 一年 one year 0.046 (0.010, 0.083) 0.006 0.003 恐惧 fear 0.046 (0.001, 0.091) 0.013 0.011 受 receive 0.046 (0.005, 0.087) 0.035 0.021 毫无 nothing 0.045 (0.016, 0.075) 0.008 0.004 大学 the university 0.045 (0.007, 0.083) 0.006 0.002 样子 look like 0.045 (0.005, 0.085) 0.011 0.008 表种 various 0.045 (0.014, 0.075) 0.017 0.008 投 find 0.045 (0.016, 0.073) 0.015 0.006 地 run 0.043 (0.002, 0.084) 0.019 0.010 目前 currently 0.043 (0.007, 0.078) 0.005 0.002 家里 home 0.042 (0.006, 0.078) 0.012 0.007	真是	really	0.048 (0.011, 0.085)	0.018	0.013
看看 take a look	压力很大	so much pressure	0.047 (0.010, 0.085)	0.012	0.002
要求 claim 0.047 (0.011, 0.082) 0.014 0.006 医生 doctors 0.047 (0.004, 0.089) 0.004 0.003 北京 beijing 0.047 (0.010, 0.083) 0.013 0.003 一年 one year 0.046 (0.010, 0.083) 0.006 0.003 恐惧 fear 0.046 (0.001, 0.091) 0.013 0.011 受 receive 0.046 (0.005, 0.087) 0.035 0.021 毫无 nothing 0.045 (0.016, 0.075) 0.008 0.004 大学 the university 0.045 (0.007, 0.083) 0.006 0.002 样子 look like 0.045 (0.007, 0.083) 0.006 0.002 样子 look like 0.045 (0.014, 0.075) 0.011 0.008 各种 various 0.045 (0.014, 0.075) 0.011 0.008 找 find 0.045 (0.016, 0.073) 0.015 0.006 跑 run 0.043 (0.002, 0.084) 0.019 0.010 目前 currently 0.043 (0.007, 0.078) 0.005 0.002 家里 home 0.042 (0.006, 0.078) 0.012 0.007	由	by	0.047 (0.009, 0.086)	0.014	0.004
医生 doctors 0.047 (0.004, 0.089) 0.004 0.003 北京 beijing 0.047 (0.010, 0.083) 0.013 0.003	看看	take a look	0.047 (0.012, 0.082)	0.013	0.005
北京 beijing 0.047 (0.010, 0.083) 0.013 0.003 一年 one year 0.046 (0.010, 0.083) 0.006 0.003 恐惧 fear 0.046 (0.001, 0.091) 0.013 0.011 受 receive 0.046 (0.005, 0.087) 0.035 0.021 毫无 nothing 0.045 (0.016, 0.075) 0.008 0.004 大学 the university 0.045 (0.007, 0.083) 0.006 0.002 样子 look like 0.045 (0.005, 0.085) 0.011 0.008 各种 various 0.045 (0.014, 0.075) 0.017 0.008 找 find 0.045 (0.016, 0.073) 0.015 0.006 跑 run 0.043 (0.002, 0.084) 0.019 0.010 目前 currently 0.043 (0.007, 0.078) 0.005 0.002 家里 home 0.042 (0.006, 0.078) 0.012 0.007	要求	claim	0.047 (0.011, 0.082)	0.014	0.006
一年 one year 0.046 (0.010, 0.083) 0.006 0.003 恐惧 fear 0.046 (0.001, 0.091) 0.013 0.011 受 receive 0.046 (0.005, 0.087) 0.035 0.021 毫无 nothing 0.045 (0.016, 0.075) 0.008 0.004 大学 the university 0.045 (0.007, 0.083) 0.006 0.002 样子 look like 0.045 (0.005, 0.085) 0.011 0.008 各种 various 0.045 (0.014, 0.075) 0.017 0.008 找 find 0.045 (0.016, 0.073) 0.015 0.006 跑 run 0.043 (0.002, 0.084) 0.019 0.010 目前 currently 0.043 (0.007, 0.078) 0.005 0.002 家里 home 0.042 (0.006, 0.078) 0.012 0.007	医生	doctors	0.047 (0.004, 0.089)	0.004	0.003
恐惧 fear 0.046 (0.001, 0.091) 0.013 0.011 受 receive 0.046 (0.005, 0.087) 0.035 0.021 毫无 nothing 0.045 (0.016, 0.075) 0.008 0.004 大学 the university 0.045 (0.007, 0.083) 0.006 0.002 样子 look like 0.045 (0.005, 0.085) 0.011 0.008 各种 various 0.045 (0.014, 0.075) 0.017 0.008 找 find 0.045 (0.016, 0.073) 0.015 0.006 跑 run 0.043 (0.002, 0.084) 0.019 0.010 目前 currently 0.043 (0.007, 0.078) 0.005 0.002 家里 home 0.042 (0.006, 0.078) 0.012 0.007	北京	beijing	0.047 (0.010, 0.083)	0.013	0.003
受 receive 0.046 (0.005, 0.087) 0.035 0.021 毫无 nothing 0.045 (0.016, 0.075) 0.008 0.004 大学 the university 0.045 (0.007, 0.083) 0.006 0.002 样子 look like 0.045 (0.005, 0.085) 0.011 0.008 各种 various 0.045 (0.014, 0.075) 0.017 0.008 找 find 0.045 (0.016, 0.073) 0.015 0.006 跑 run 0.043 (0.002, 0.084) 0.019 0.010 目前 currently 0.043 (0.007, 0.078) 0.005 0.002 家里 home 0.042 (0.006, 0.078) 0.012 0.007	一年	one year	0.046 (0.010, 0.083)	0.006	0.003
毫无 nothing 0.045 (0.016, 0.075) 0.008 0.004 大学 the university 0.045 (0.007, 0.083) 0.006 0.002 样子 look like 0.045 (0.005, 0.085) 0.011 0.008 各种 various 0.045 (0.014, 0.075) 0.017 0.008 找 find 0.045 (0.016, 0.073) 0.015 0.006 跑 run 0.043 (0.002, 0.084) 0.019 0.010 目前 currently 0.043 (0.007, 0.078) 0.005 0.002 家里 home 0.042 (0.006, 0.078) 0.012 0.007	恐惧	fear	0.046 (0.001, 0.091)	0.013	0.011
大学 the university 0.045 (0.007, 0.083) 0.006 0.002 样子 look like 0.045 (0.005, 0.085) 0.011 0.008 各种 various 0.045 (0.014, 0.075) 0.017 0.008 找 find 0.045 (0.016, 0.073) 0.015 0.006 跑 run 0.043 (0.002, 0.084) 0.019 0.010 目前 currently 0.043 (0.007, 0.078) 0.005 0.002 家里 home 0.042 (0.006, 0.078) 0.012 0.007	受	receive	0.046 (0.005, 0.087)	0.035	0.021
样子 look like 0.045 (0.005, 0.085) 0.011 0.008 各种 various 0.045 (0.014, 0.075) 0.017 0.008 找 find 0.045 (0.016, 0.073) 0.015 0.006 跑 run 0.043 (0.002, 0.084) 0.019 0.010 目前 currently 0.043 (0.007, 0.078) 0.005 0.002 家里 home 0.042 (0.006, 0.078) 0.012 0.007	毫无	nothing	0.045 (0.016, 0.075)	0.008	0.004
各种 various 0.045 (0.014, 0.075) 0.017 0.008 找 find 0.045 (0.016, 0.073) 0.015 0.006 跑 run 0.043 (0.002, 0.084) 0.019 0.010 目前 currently 0.043 (0.007, 0.078) 0.005 0.002 家里 home 0.042 (0.006, 0.078) 0.012 0.007	大学	the university	0.045 (0.007, 0.083)	0.006	0.002
找 find 0.045 (0.016, 0.073) 0.015 0.006 趣 run 0.043 (0.002, 0.084) 0.019 0.010 目前 currently 0.043 (0.007, 0.078) 0.005 0.002 家里 home 0.042 (0.006, 0.078) 0.012 0.007		look like	0.045 (0.005, 0.085)	0.011	0.008
找 find 0.045 (0.016, 0.073) 0.015 0.006 跑 run 0.043 (0.002, 0.084) 0.019 0.010 目前 currently 0.043 (0.007, 0.078) 0.005 0.002 家里 home 0.042 (0.006, 0.078) 0.012 0.007	各种	various		0.017	0.008
趣 run 0.043 (0.002, 0.084) 0.019 0.010 目前 currently 0.043 (0.007, 0.078) 0.005 0.002 家里 home 0.042 (0.006, 0.078) 0.012 0.007	找	find		0.015	0.006
目前 currently 0.043 (0.007, 0.078) 0.005 0.002 家里 home 0.042 (0.006, 0.078) 0.012 0.007	跑	run			
家里 home 0.042 (0.006, 0.078) 0.012 0.007	目前		' '		
				0.012	0.007
活切 activity 0.042 (0.003, 0.080) 0.015 0.001	活动	activity	0.042 (0.003, 0.080)	0.015	0.001

Table 6: List of top rural phrases out of the top 100 most frequent occurring rural phrases and standardized effect sizes (β_1 from equation 1) with confidence intervals. All correlations are significant at p < .05, two-tailed t-test, Benjamini-Hochberg corrected.

Phrase	Phrase (Translated)	β_1	R_c^2	R_m^2
就算	even if	-0.176 (-0.243, -0.110)	0.151	0.041
选	selected	-0.159 (-0.229, -0.088)	0.127	0.026
真	true	-0.137 (-0.195, -0.079)	0.141	0.036
有机会	have the opportunity	-0.133 (-0.192, -0.074)	0.081	0.026
也要	also want	-0.129 (-0.194, -0.065)	0.147	0.032
每次	each	-0.127 (-0.195, -0.059)	0.151	0.022
不了	no more	-0.122 (-0.180, -0.064)	0.111	0.015
看不到	can not see	-0.106 (-0.167, -0.044)	0.077	0.014
获得	obtain	-0.104 (-0.152, -0.056)	0.052	0.012
便	then	-0.098 (-0.146, -0.051)	0.071	0.023
即使	even if	-0.096 (-0.142, -0.051)	0.052	0.010
比你	than you	-0.092 (-0.152, -0.032)	0.064	0.008
眼泪	tears	-0.090 (-0.148, -0.031)	0.094	0.019
承诺	committed to	-0.083 (-0.139, -0.026)	0.061	0.014
上班	go to work	-0.082 (-0.142, -0.023)	0.081	0.018
依然	still	-0.082 (-0.132, -0.033)	0.057	0.008
至少	at least	-0.078 (-0.134, -0.022)	0.072	0.019
测试	test	-0.074 (-0.132, -0.016)	0.026	0.007
并	and	-0.073 (-0.105, -0.042)	0.034	0.008
昨天	yesterday	-0.071 (-0.123, -0.018)	0.064	0.008
房子	house	-0.067 (-0.131, -0.003)	0.051	0.007
机会	opportunity	-0.064 (-0.104, -0.025)	0.042	0.007
错	wrong	-0.062 (-0.116, -0.009)	0.048	0.004
努力	work hard	-0.058 (-0.092, -0.023)	0.029	0.003
你	you	-0.056 (-0.076, -0.037)	0.018	0.007
太多	too many	-0.056 (-0.104, -0.009)	0.066	0.007
有多	how much	-0.056 (-0.102, -0.009)	0.025	0.006
爱	love	-0.055 (-0.082, -0.027)	0.021	0.004
则	then	-0.054 (-0.095, -0.013)	0.016	0.004
让	let	-0.054 (-0.077, -0.030)	0.020	0.004
更多	more	-0.053 (-0.095, -0.012)	0.051	0.004
的	of	-0.053 (-0.072, -0.034)	0.014	0.004
焦虑	anxiety	-0.051 (-0.096, -0.007)	0.056	0.017
因为	because	-0.050 (-0.077, -0.023)	0.024	0.007
沉重的	heavy	-0.048 (-0.081, -0.015)	0.024	0.003
笑	laugh	-0.047 (-0.081, -0.013)	0.026	0.006
充满	full	-0.047 (-0.090, -0.004)	0.019	0.003
比	compare	-0.047 (-0.077, -0.016)	0.024	0.003
更好	better	-0.045 (-0.089, -0.002)	0.025	0.007
无论	regardless	-0.045 (-0.084, -0.006)	0.013	0.010

Supplementary Material 2: Weibo Language Analyses on Provinces

We also replicated the language analyses for Weibo users at the province level, where we have a continuous urbanization outcome, namely percentage of individuals in urban areas per province. The model is defined in Eq. 1:

$$Feature_{i} = \beta_{1} * Province_{Urban}$$

$$+ \beta_{2} * Province_{LogGDP}$$

$$+ \beta_{3} * User_{Gender} + \phi + \epsilon$$

$$(1)$$

where ϕ is the random effect for one of the 31 provinces and ϵ is the error term. We used Benjamini-Hochberg p-correction and report β_1 for all language features where correlations are significant at p<0.05.

LDA Topics

Table 7: List of top urban topics and standardized effect sizes (β_1 from equation 1) with confidence intervals with analysis on the province level. All correlations are significant at p < .05, two-tailed t-test, Benjamini-Hochberg corrected. Top words are sorted by conditional probability, P(Topic|Word), from the LDA model

Top words in topic	Top words (translated)	β_1	R_c^2	R_m^2
经济,中国,发展	economy, china, development	0.097 (0.026, 0.168)	0.052	0.049
银行,公司,亿元	bank, company, billion	0.097 (0.037, 0.157)	0.034	0.033
经济,美国,美元	economic, united states, usd	0.095 (0.037, 0.153)	0.027	0.026
企业, 政府, 国家	enterprise, government, country	0.095 (0.033, 0.157)	0.053	0.051
媒体,称,记者	media, claim, journalist	0.094 (0.018, 0.169)	0.033	0.031
中国, 美国, 国家	china, united states, country	0.091 (0.023, 0.160)	0.042	0.040
市场, a股, 资金	market, a share, funds	0.088 (0.023, 0.152)	0.023	0.021
价格, 增长, 行业	price, increase, industry	0.086 (0.021, 0.152)	0.039	0.037
吨, 库存, 价格	ton, in stock, price	0.080 (0.028, 0.131)	0.026	0.025
今日, 反弹, 创业板	today, rebound, gem	0.079 (0.015, 0.142)	0.008	0.007
公司,产品,企业	company, product, enterprise	0.079 (0.006, 0.151)	0.037	0.035
中国, 显示, 我国	china, display, our country	0.078 (0.007, 0.149)	0.043	0.041
突破,线,趋势	breakthrough, line, trend	0.070 (0.009, 0.131)	0.012	0.010
支撑,上方,黄金	support, above, gold	0.070 (0.001, 0.139)	0.008	0.006
板块,个股,反弹	plate, individual stocks, rebound	0.067 (0.010, 0.125)	0.005	0.004
市场,指数,震荡	market, index, shock	0.065 (0.002, 0.127)	0.009	0.008
医生, 医院, 患者	doctors, hospital, patient	0.058 (0.019, 0.098)	0.004	0.004
顶住,对手,能力	withstand, opponent, ability	0.047 (0.005, 0.089)	0.007	0.006

Table 8: List of top rural topics and standardized effect sizes (β_1 from equation 1) with confidence intervals with analysis on the province level. All correlations are significant at p < .05, two-tailed t-test, Benjamini-Hochberg corrected.

Top words in topic	Top words (translated)	β_1	R_c^2	R_m^2
生活,每天,方式	life, every day, the way	-0.152 (-0.30, -0.004)	0.025	0.011
越,少,简单	more, less, simple	-0.139 (-0.212, -0.066)	0.007	0.005
人生, 也许, 痛苦	life, maybe, pain	-0.134 (-0.236, -0.032)	0.012	0.007
心灵,释放,属于	soul, release, belong	-0.131 (-0.195, -0.066)	0.006	0.004
理解,微笑,面对	understanding, smile, face	-0.119 (-0.213, -0.024)	0.011	0.007
人生, 快乐, 放下	life, happy, lay down	-0.116 (-0.206, -0.026)	0.009	0.005
越来越, 变得, 不再	more and more, become, no longer	-0.114 (-0.225, -0.004)	0.014	0.007
努力, 坚持, 希望	work hard, persist, hope	-0.108 (-0.201, -0.016)	0.009	0.005
自由, 欲望, 内心	freedom, desire, heart	-0.108 (-0.189, -0.027)	0.008	0.005
生活,享受,快乐	life, enjoy, happy	-0.108 (-0.194, -0.022)	0.008	0.004
思念, 心里, 心中	miss, in the heart, in mind	-0.107 (-0.197, -0.018)	0.011	0.007
爱情,感情,婚姻	love, attachment, marriage	-0.107 (-0.191, -0.024)	0.012	0.008
不会,希望,现在	will not, hope, now	-0.101 (-0.197, -0.006)	0.016	0.011
成功,改变,能力	success, change, ability	-0.098 (-0.195, -0.001)	0.012	0.007
觉得, 苦, 路	feel, bitter, road	-0.095 (-0.159, -0.032)	0.007	0.006
情绪,表达,情感	emotion, expression, affection	-0.090 (-0.178, -0.003)	0.006	0.002
累, 真的, 不想	tired, really, don't want	-0.090 (-0.155, -0.026)	0.014	0.012
不要, 重要, 特别	don't, important, especially	-0.087 (-0.156, -0.018)	0.003	0.001
不能,承受,责任	can't, bear, responsibility	-0.083 (-0.164, -0.001)	0.007	0.004
事, 事情, 很多	thing, thing, a lot of	-0.078 (-0.139, -0.017)	0.012	0.011
一天, 忙, 休息	one day, busy, rest	-0.075 (-0.129, -0.020)	0.006	0.005
出现,症状,疼痛	appear, symptom, pain	-0.073 (-0.141, -0.005)	0.004	0.002
放下,抱怨,快乐	let go, complain, happy	-0.071 (-0.129, -0.013)	0.003	0.002
习惯, 觉得, 是不是	habit, feel, whether	-0.070 (-0.115, -0.024)	0.002	0.002
心情,一天,上班	mood, one day, go to work	-0.065 (-0.114, -0.016)	0.005	0.005
感觉, 空间, 轻松	feel, space, relaxed	-0.061 (-0.108, -0.014)	0.002	0.002
一点, 现在, 不能	a little, now, can't	-0.060 (-0.104, -0.016)	0.006	0.006
面对,现实,事	face, reality, thing	-0.050 (-0.099, -0.001)	0.002	0.001

LIWC Categories

Table 9: List of top urban LIWC categories and standardized effect sizes (β_1 from equation 1) with confidence intervals with analysis on the province level. All correlations are significant at p<.05, two-tailed t-test, Benjamini-Hochberg corrected.

Category	Top words in topic	Top words (trans- lated)	eta_1	R_c^2	R_m^2
Money	元, 经济, 买	yuan, economic, buy	0.095 (0.032, 0.159)	0.033	0.031
Work	工作,需要,努力	jobs, need, work hard	0.075 (0.013, 0.138)	0.045	0.044
Prepend	上,中,下	on, in, under	0.056 (0.015, 0.098)	0.005	0.005

Table 10: List of top rural LIWC categories and standardized effect sizes (β_1 from equation 1) with confidence intervals with analysis on the province level. All correlations are significant at p<.05, two-tailed t-test, Benjamini-Hochberg corrected.

Category	Top words in topic	Top words (trans- lated)	eta_1	R_c^2	R_m^2
Affect	压力,对,好	pressure, correct, good	-0.165 (-0.300, -0.031)	0.023	0.012
Positive	好,爱,快乐	good, love, happy	-0.144 (-0.258, -0.031)	0.022	0.014
emotions					
Discrepancy	会,要,能	will, want, can	-0.143 (-0.240, -0.046)	0.012	0.007
You	你, 您, 祢	you, you, you	-0.142 (-0.239, -0.046)	0.013	0.008
Negations	不, 没有, 不要	no, none, don't	-0.128 (-0.220, -0.036)	0.011	0.007
Sadness	放弃,累,痛苦	give up, tired, pain	-0.123 (-0.204, -0.041)	0.008	0.005
Negative	压力,负担,疲惫	pressure, burden, ex-	-0.120 (-0.220, -0.019)	0.010	0.004
emotions		hausted			
Pronouns	你, 我, 人	you, I, people	-0.119 (-0.210, -0.029)	0.023	0.018
Humans	人, 自己, 孩子	people, oneself, child	-0.113 (-0.188, -0.038)	0.006	0.003
Impersonal	人, 它, 那	people, it, that	-0.107 (-0.180, -0.034)	0.007	0.004
pronouns					
Exclusive	就,不,没有	then, no, none	-0.103 (-0.177, -0.029)	0.008	0.006
Personal pro-	你, 我, 自己	you, I, oneself	-0.099 (-0.187, -0.011)	0.022	0.018
nouns					
Cognitive	了,就,不	le, then, no	-0.097 (-0.164, -0.030)	0.006	0.003
mechanisms					
Auxiliary	要,能,可以	want, can, can	-0.094 (-0.175, -0.013)	0.008	0.005
verbs					
Fillers	就, 就是, 等等	on, just is, and so on	-0.090 (-0.148, -0.032)	0.008	0.006
Biological	疲惫,爱,吃	exhausted, love, eat	-0.087 (-0.166, -0.009)	0.008	0.005
processes					
Verbs	是,在,有	yes, in, have	-0.079 (-0.152, -0.006)	0.005	0.002
Adverbs	就,不,也	then, no, also	-0.079 (-0.126, -0.032)	0.016	0.016
Conjunctions	就,和,也	then, and, also	-0.076 (-0.142, -0.011)	0.004	0.002
Social pro-	你,人,自己	you, people, oneself	-0.075 (-0.138, -0.013)	0.006	0.005
cesses					
Perceptual	说, 沉重, 快乐	say, heavy, happy	-0.073 (-0.115, -0.031)	0.006	0.006
processes					
I	我,自己,人家	I, oneself, people	-0.073 (-0.144, -0.001)	0.018	0.015
Function	了,不,多	le, no, many	-0.071 (-0.119, -0.022)	0.003	0.002
words					
Home	家庭,睡,睡觉	family, sleep, goto bed	-0.066 (-0.122, -0.010)	0.002	0.001
Health	疲惫,生命,健康	exhausted, life, health	-0.063 (-0.119, -0.007)	0.002	0.001
Ingestion	吃,喝,食物	eat, drink, food	-0.061 (-0.122, -0.001)	0.002	0.001
Feel	沉重,感觉,皮肤	heavy, feel, skin	-0.054 (-0.099, -0.008)	0.003	0.002
Present tense	中, 着, 现在	in, ongoing, now	-0.029 (-0.052, -0.005)	0.000	0.000

Supplementary Material 3: Weibo Language Analyses With Post-stratification

LDA Topics

Table 11: List of top urban topics and standardized effect sizes (β_1 from equation 1) with confidence intervals with analysis on the province level. All correlations are significant at p < .05, two-tailed t-test, Benjamini-Hochberg corrected. Top words are sorted by conditional probability, P(Topic|Word), from the LDA model

Top words in topic	Top words (translated)	β_1	R_c^2	R_m^2
媒体, 称, 记者	media, claim, journalist	0.042 (0.025, 0.059)	0.180	0.172
表示, 很大, 毫无	means, very big, nothing	0.040 (0.026, 0.055)	0.076	0.072
中国,美国,国家	china, united states, country	0.037 (0.020, 0.053)	0.147	0.140
大盘, 附近, 昨天	market index, nearby, yesterday	0.034 (0.019, 0.049)	0.082	0.078
觉得,很多,之后	feel, a lot of, afterwards	0.034 (0.017, 0.051)	0.221	0.213
中国, 显示, 我国	china, display, our country	0.034 (0.018, 0.050)	0.183	0.177
板块,个股,反弹	plate, individual stocks, rebound	0.031 (0.017, 0.044)	0.063	0.061
中国, 社会, 国家	china, society, country	0.030 (0.012, 0.048)	0.179	0.169
价格, 增长, 行业	price, increase, industry	0.029 (0.015, 0.044)	0.121	0.117
学生, 高考, 学习	student, college entrance exam, learn	0.029 (0.015, 0.043)	0.056	0.053
支撑,上方,黄金	support, above, gold	0.026 (0.012, 0.041)	0.050	0.046
经济,美国,美元	economic, united states, usd	0.026 (0.013, 0.039)	0.074	0.072
今日, 反弹, 创业板	today, rebound, gem	0.026 (0.011, 0.040)	0.057	0.053
经济,中国,发展	economy, china, development	0.026 (0.010, 0.041)	0.135	0.130
吨, 库存, 价格	ton, in stock, price	0.024 (0.011, 0.036)	0.087	0.085
银行,公司,亿元	bank, company, billion	0.024 (0.010, 0.038)	0.084	0.081
黄金,原油,上方	gold, crude, above	0.023 (0.008, 0.037)	0.058	0.054
市场, a股, 资金	market, a share, funds	0.020 (0.006, 0.034)	0.091	0.088
工作, 员工, 公司	jobs, employee, company	0.020 (0.004, 0.035)	0.105	0.100
医生, 医院, 患者	doctors, hospital, patient	0.019 (0.005, 0.032)	0.064	0.061
大盘, 反弹, 日线	stock market, rebound, daily line	0.019 (0.004, 0.033)	0.068	0.064
顶住,对手,能力	withstand, opponent, ability	0.018 (0.004, 0.032)	0.092	0.088
企业, 政府, 国家	enterprise, government, country	0.018 (0.002, 0.034)	0.152	0.146
突破,线,趋势	breakthrough, line, trend	0.018 (0.003, 0.032)	0.062	0.059
家庭,年轻人,房子	family, young people, house	0.016 (0.000, 0.031)	0.141	0.135
支撑, 高, 附近	support, high, nearby	0.015 (0.001, 0.029)	0.082	0.080
市场,指数,震荡	market, index, shock	0.014 (0.001, 0.027)	0.055	0.052

Table 12: List of top rural topics and standardized effect sizes (β_1 from equation 1) with confidence intervals with analysis on the province level. All correlations are significant at p < .05, two-tailed t-test, Benjamini-Hochberg corrected.

Top words in topic	Top words (translated)	eta_1	R_c^2	R_m^2
生活,每天,方式	life, every day, the way	-0.090 (-0.113, -0.067)	0.093	0.074
思念,心里,心中	miss, in the heart, in mind	-0.067 (-0.087, -0.047)	0.130	0.118
心情,放松,情绪	mood, relax, emotion	-0.064 (-0.086, -0.042)	0.111	0.095
人生, 快乐, 放下	life, happy, lay down	-0.059 (-0.076, -0.041)	0.076	0.068
生活,享受,快乐	life, enjoy, happy	-0.055 (-0.073, -0.037)	0.075	0.066
食物,健康,增加	food, health, increase	-0.054 (-0.072, -0.035)	0.059	0.049
越来越,变得,不再	more and more, become, no longer	-0.053 (-0.071, -0.035)	0.086	0.077
可能,容易,最大	may, easy, maximum	-0.052 (-0.070, -0.035)	0.045	0.037
不能,承受,责任	can't, bear, responsibility	-0.052 (-0.067, -0.036)	0.083	0.077
爱情,感情,婚姻	love, attachment, marriage	-0.050 (-0.068, -0.032)	0.077	0.067
情绪,表达,情感	mood, expression, affection	-0.050 (-0.069, -0.030)	0.112	0.100
人生,也许,痛苦	life, maybe, pain	-0.049 (-0.067, -0.031)	0.156	0.147
成功,改变,能力	success, change, ability	-0.049 (-0.066, -0.033)	0.169	0.161
心灵,释放,属于	soul, release, belong	-0.049 (-0.068, -0.030)	0.083	0.073
理解,微笑,面对	understanding, smile, face	-0.047 (-0.065, -0.029)	0.111	0.103
自由, 欲望, 内心	freedom, desire, heart	-0.047 (-0.063, -0.031)	0.101	0.095
努力, 坚持, 希望	work hard, persist, hope	-0.045 (-0.062, -0.027)	0.037	0.028
越,少,简单	more, less, simple	-0.044 (-0.063, -0.025)	0.061	0.050
运动,身体,动作	movement, body, action	-0.042 (-0.066, -0.019)	0.064	0.045
身体,作用,人体	body, effect, human body	-0.042 (-0.061, -0.022)	0.077	0.065
肌肤,皮肤,使用	skin, skin, use	-0.041 (-0.060, -0.022)	0.021	0.011
身体,健康,睡眠	body, health, sleep	-0.041 (-0.056, -0.025)	0.078	0.073
缓解,减轻,帮助	ease, lighten, help	-0.041 (-0.062, -0.019)	0.111	0.095
不会,希望,现在	will not, hope, now	-0.037 (-0.055, -0.019)	0.050	0.042
导致,原因,造成	resulting in, reason, cause	-0.037 (-0.055, -0.018)	0.062	0.053
注意,最好,建议	note, best, suggest	-0.036 (-0.054, -0.019)	0.104	0.095
出现,症状,疼痛	appear, symptom, pain	-0.035 (-0.053, -0.017)	0.068	0.059
面对,现实,事	face, reality, thing	-0.034 (-0.051, -0.017)	0.054	0.047
感觉, 空间, 轻松	feel, space, relaxed	-0.033 (-0.046, -0.020)	0.090	0.088
需要,时间,事情	need, time, thing	-0.032 (-0.047, -0.017)	0.171	0.165
一天, 忙, 休息	one day, busy, rest	-0.031 (-0.046, -0.016)	0.078	0.074
快乐, 总是, 活着	happy, always, alive	-0.028 (-0.044, -0.011)	0.067	0.061
心理, 焦虑, 情绪	psychology, anxiety, emotion	-0.028 (-0.042, -0.013)	0.076	0.072
放下,抱怨,快乐	let go, complain, happy	-0.026 (-0.042, -0.009)	0.036	0.029
选择,生活,人生	select, life, life	-0.025 (-0.041, -0.010)	0.203	0.197
完成,目标,计划	accomplish, goal, plan	-0.023 (-0.037, -0.009)	0.140	0.137
影响,导致,造成	influences, resulting in, cause	-0.023 (-0.040, -0.006)	0.149	0.141
很多, 其实, 真正	a lot of, in fact, real	-0.020 (-0.036, -0.004)	0.169	0.163
累, 真的, 不想	tired, really, don't want	-0.020 (-0.037, -0.002)	0.065	0.057
工作,每天,职场	jobs, every day, workplace	-0.017 (-0.031, -0.003)	0.115	0.112
付出,生命,成长	give, life, growing up	-0.017 (-0.032, -0.002)	0.038	0.034
关注, 动力, 低	attention, power, low	-0.016 (-0.030, -0.002)	0.019	0.017
	, I ,	, , , , , ,		

LIWC Categories

Table 13: List of top urban LIWC categories and standardized effect sizes (β_1 from equation 1) with confidence intervals with analysis on the province level. All correlations are significant at p<.05, two-tailed t-test, Benjamini-Hochberg corrected.

Category	Top words in	Top words (trans-	β_1	R_c^2	R_m^2
	topic	lated)			
They	他,她	they, they	0.346 (0.016, 0.676)	0.551	0.201
Tense	了, 中, 着	le, in, ongoing	0.035 (0.016, 0.054)	0.326	0.314
Work	工作, 需要, 努力	jobs, need, work hard	0.034 (0.019, 0.050)	0.303	0.296
Progressive	了, 已经, 已	le, already, already	0.026 (0.009, 0.044)	0.190	0.181
tense					
Future tense	将,看,后	will, look, after	0.026 (0.011, 0.041)	0.182	0.178
Money	元, 经济, 买	yuan, economic, buy	0.023 (0.008, 0.037)	0.167	0.164
Nonfluencies	就是, 啊, 那	just is, what, that	0.022 (0.008, 0.037)	0.096	0.094
We	大家, 咱, 我	everyone, we, we	0.021 (0.001, 0.042)	0.083	0.081
Specifying	上, 下, 前	on, under, before	0.021 (0.006, 0.036)	0.209	0.205
articles					
Time	时候,后,月	time, after, month	0.016 (0.001, 0.030)	0.366	0.361

Table 14: List of top rural LIWC categories and standardized effect sizes (β_1 from equation 1) with confidence intervals with analysis on the province level. All correlations are significant at p<.05, two-tailed t-test, Benjamini-Hochberg corrected.

Category	Top words in topic	Top words (trans- lated)	β_1	R_c^2	R_m^2
Affect	压力,对,好	pressure, correct,	-0.063 (-0.080, -0.046)	0.409	0.399
Positive	好,爱,快乐	good, love, happy	-0.057 (-0.074, -0.041)	0.231	0.224
emotions	, , , , , , , , , , , , , , , , , , , ,	8	, , , , , , , , , , , , , , , , , , , ,		
Negative	压力,负担,疲惫	pressure, burden, ex-	-0.055 (-0.073, -0.038)	0.369	0.359
emotions		hausted			
Discrepancy	会,要,能	will, want, can	-0.055 (-0.071, -0.039)	0.256	0.249
Biological	疲惫,爱,吃	exhausted, love, eat	-0.052 (-0.068, -0.037)	0.134	0.129
processes					
You	你, 您, 祢	you, you, you	-0.050 (-0.068, -0.032)	0.111	0.102
Auxiliary	要,能,可以	want, can, may	-0.047 (-0.063, -0.032)	0.190	0.184
verbs	11 mls I				
Pronouns	你,我,人	you, I, people	-0.045 (-0.061, -0.029)	0.172	0.166
Health	疲惫,生命,健康	exhausted, life, health	-0.043 (-0.059, -0.028)	0.131	0.127
Sadness	放弃,累,痛苦	give up, tired, pain	-0.043 (-0.062, -0.024)	0.124	0.115
Perceptual	说, 沉重, 快乐	say, heavy, happy	-0.040 (-0.054, -0.026)	0.221	0.217
processes	l	a to a .	0.040 (0.0540055)	0.165	0.161
Impersonal	人,它,那	people, it, that	-0.040 (-0.054, -0.025)	0.165	0.161
pronouns	你,我,自己	von I amazalf	0.029 (0.055 - 0.022)	0.120	0.122
Personal pro- nouns	小, 权, 日亡	you, I, oneself	-0.038 (-0.055, -0.022)	0.129	0.122
Multifunction	的,是,有	of, yes, have	-0.035 (-0.050, -0.020)	0.448	0.442
	感觉,生命,身体	feel, life, body	-0.034 (-0.049, -0.019)	0.448	0.093
Body Sexual	爱,女人,欲望	love, woman, desire	-0.033 (-0.050, -0.017)	0.090	0.093
Negations	不,没有,不要	no, none, don't		0.087	0.083
Tentative	可以,想,如果	can, think, if	-0.033 (-0.048, -0.018) -0.032 (-0.048, -0.015)	0.272	0.264
See	视频,美好,注意	video, beautiful, note	-0.032 (-0.047, -0.014)	0.120	0.115
Feel	沉重,感觉,皮肤	heavy, feel, skin	-0.030 (-0.043, -0.014)	0.120	0.115
Conjunctions	就,和,也	then, and, also	-0.029 (-0.042, -0.016)	0.324	0.320
Leisure	容易,健康,喝	easy, health, drink	-0.028 (-0.043, -0.014)	0.159	0.155
Home	家庭, 睡, 睡觉	family, sleep, go to bed	-0.027 (-0.043, -0.012)	0.094	0.092
Anxiety	压力,烦恼,焦虑	pressure, upset, anxiety	-0.027 (-0.047, -0.007)	0.250	0.237
Causation	让, 因为, 所以	let, because, so	-0.027 (-0.042, -0.011)	0.267	0.261
Humans	人, 自己, 孩子	people, oneself, child	-0.026 (-0.044, -0.008)	0.197	0.187
She/he	他, 她, 人家	he, she, people	-0.024 (-0.046, -0.003)	0.085	0.073
Cognitive	了,就,不	le, then, no	-0.024 (-0.038, -0.009)	0.520	0.513
mechanisms	3 , 4/0, 1	10, 111011, 110	0.02. (0.000, 0.00)	0.020	0.010
Achievement	工作,需要,努力	jobs, need, work hard	-0.023 (-0.039, -0.008)	0.326	0.320
I	我, 自己, 人家	I, oneself, people	-0.022 (-0.038, -0.005)	0.080	0.073
Inhibition	等, 压抑, 保持	wait, depressed, main- tain	-0.020 (-0.034, -0.005)	0.227	0.223
Ingestion	吃,喝,食物	eat, drink, food	-0.019 (-0.035, -0.003)	0.059	0.055
Certainty	大家,真的,每天	everyone, really, ev-	-0.018 (-0.032, -0.005)	0.207	0.203
_ 3	> 5211, 25 E 21, 1 F 2 C	ery day	(0.002, 0.000)	0.207	3.200
Adverb	就,不,也	on, no, also	-0.018 (-0.031, -0.005)	0.301	0.298
Interjunction	的, 了, 也	of, le, also	-0.017 (-0.031, -0.003)	0.463	0.457
Verb	是, 在, 有	yes, in, have	-0.016 (-0.031, -0.002)	0.457	0.451
Social pro-	你, 人, 自己	you, people, oneself	-0.015 (-0.028, -0.002)	0.319	0.315
cesses Quantity	多, 大, 更	many, big, more	-0.015 (-0.028, -0.002)	0.273	0.270
~ '/	7 : 17 : -	<i>3, 0,</i> 1	· -/ -/-/-/		