

## Appendix

**Table 1 Multinomial logit model of the propensity to be in Yakutsk (Sakha Republic (Yakutia)) vs. each other subregional capital**

Variable	Yakutsk vs. Khabar-k			Yakutsk vs. Vladivostok			Yakutsk vs. Blagov-k		
	Coef.	SE	<i>p</i> -val.	Coef.	SE	<i>p</i> -val.	Coef.	SE	<i>p</i> -val.
Female	-0.045	0.280	0.873	-1.003	0.276	0.000	0.088	0.337	0.794
Age 18-29	-0.605	0.485	0.212	-0.313	0.495	0.528	1.404	0.514	0.006
Age 30-45	-0.366	0.369	0.322	-0.874	0.353	0.013	0.052	0.414	0.900
Married	0.280	0.372	0.452	0.328	0.384	0.393	0.922	0.400	0.021
Children present	-1.652	0.464	0.000	-0.779	0.496	0.116	0.384	0.505	0.448
Higher education	-1.304	0.390	0.001	-1.052	0.399	0.008	-1.345	0.451	0.003
Prof. level manager/ professional	-1.342	0.440	0.002	-0.153	0.464	0.741	-0.867	0.534	0.104
Prof. level blue collar/ entrepreneur /military	0.008	0.443	0.986	1.045	0.469	0.026	0.276	0.496	0.578
Income: food, clothes, and barely other	1.064	0.377	0.005	1.155	0.377	0.002	1.680	0.472	0.000
Income: upper group	0.350	0.361	0.332	0.366	0.356	0.304	0.880	0.462	0.057
Missing married	1.189	1.109	0.284	1.721	1.210	0.155	2.851	1.523	0.061
Missing higher education	-2.045	0.910	0.025	-1.006	1.157	0.385	-	0.949	0.000
Missing professional level	-0.986	0.723	0.173	-1.458	1.184	0.218	-1.648	1.357	0.224

**Table 2 Ranges of the estimated propensity scores for each regional capital**

Variable	Min	Mean	Max
Khabarovsk	0.065	0.359	0.811
Vladivostok	0.074	0.313	0.686
Yakutsk	0.014	0.180	0.736
Blagoveshchensk	0.009	0.148	0.691

**Table 3 Comparison of the p-values and the Benjamini-Hochberg Critical Values**

Outcomes	Khabarovsk		Vladivostok		Blagoveshchensk	
	p-value	BH critical value	p-value	BH critical value	p-value	BH critical value
<i>Perceived frequency of corruption practices used by other people [1]</i>						
Presents to teachers, doctors, and childcare providers	0.882	0.188	0.483	0.219	0.006*	0.031
Use connections to solve problems	0.727	0.156	0.205	0.156	0.286	0.156
Forging signatures and documents	0.686	0.125	0.318	0.188	0.703	0.219
Offering money to road police to avoid fines	0.001*	0.063	0.000*	0.031	0.034*	0.125
Offering money to state officials	0.044*	0.094	0.128	0.125	0.697	0.188
Giving money to professors to pass exams	0.000*	0.031	0.000*	0.031	0.015*	0.063
Giving money to get children accepted in childcare, school, and higher educational institutions	0.000*	0.031	0.104	0.094	0.966	0.250
Receive “envelope” wage	0.000*	0.031	0.009*	0.063	0.019*	0.094
<i>Frequency of corruption practices used by respondents themselves [2]</i>						
Presents to teachers, doctors, and childcare providers	0.811	0.219	0.777	0.219	0.032	0.031
Use connections to solve problems	0.762	0.188	0.414	0.188	0.950	0.250
Forging signatures and documents	0.333	0.156	0.410	0.156	0.089	0.063
Offering money to road police to avoid fines	0.004*	0.063	0.000*	0.031	0.160	0.125
Offering money to state officials	0.011*	0.094	0.011*	0.094	0.872	0.219
Giving money to professors to pass exams	0.000*	0.031	0.000*	0.031	0.183	0.156
Giving money to get children accepted in childcare, school, and higher educational institutions	0.045*	0.125	0.010*	0.063	0.131	0.094
Receive “envelope” wage	0.000*	0.031	0.109*	0.125	0.607	0.188
<i>What does corruption mean to you? [3]</i>						
Source of income	0.371	0.083	0.894	0.222	0.521	0.139
Crime	0.000*	0.028	0.000*	0.028	0.001*	0.028
Part of life	0.804	0.222	0.092	0.056	0.405	0.083
Solution to problems	0.824	0.250	0.837	0.194	0.872	0.250
Compensation for low wages	0.523	0.111	0.548	0.139	0.602	0.194
Temporary situation	0.368	0.056	0.951	0.250	0.649	0.222

Tradition	0.581	0.139	0.211	0.111	0.576	0.167
National peculiarity	0.661	0.194	0.791	0.167	0.428	0.111
Evil	0.639	0.167	0.122	0.083	0.260	0.056
<i>How, do you think, does corruption affect the following aspects of your life? [4]</i>						
Your career opportunities	0.338	0.100	0.648	0.150	0.343	0.200
Your quality of life	0.554	0.200	0.718	0.250	0.420	0.250
Your children's future	0.570	0.250	0.696	0.200	0.105	0.050
Your health	0.233	0.050	0.267	0.050	0.196	0.150
Your security	0.391	0.150	0.479	0.100	0.136	0.100
<i>In your opinion, can corruption be overcome in Russia? [5]</i>	0.929	0.250	0.524	0.250	0.879	0.250

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Notes: False discovery rate for the Benjamini-Hochberg statistics is set at 0.25. Asterisk (\*) denotes statistical significance verified by the Benjamini-Hochberg procedure.

**Table 4 Conditional correlations between the perceived frequency of corruption practices used by others and respondents' individual characteristics**

Covariates	Outcomes: Perceived frequency of corruption practices used by other people [1]							
	Presents to teachers, doctors, and childcare providers	Use connect-s to solve problems	Forging signatures and documents	Offering money to road police to avoid fines	Offering money to state officials	Giving money to professors to pass exams	Giving money to get children accepted in educ. inst-s	Receive 'envelope' wage
Female	0.294 (0.018)	0.021 (0.636)	0.010 (0.938)	-0.124 (0.085)	-0.243 (0.115)	-0.144 (0.332)	-0.007 (0.887)	-0.288 (0.001)
Age 18-29	0.647 (0.036)	0.300 (0.11)	0.405 (0.185)	0.124 (0.154)	0.093 (0.49)	0.444 (0.29)	0.110 (0.612)	0.414 (0.457)
Age 30-45	0.175 (0.255)	-0.025 (0.898)	-0.059 (0.766)	-0.102 (0.502)	-0.339 (0.101)	-0.023 (0.906)	0.041 (0.804)	0.096 (0.337)
Married	0.120 (0.291)	0.190 (0.351)	-0.133 (0.165)	-0.217 (0.26)	-0.126 (0.435)	0.081 (0.587)	0.159 (0.222)	0.216 (0.36)
Children present	0.352 (0.167)	0.100 (0.741)	-0.012 (0.949)	0.005 (0.982)	0.092 (0.42)	0.076 (0.506)	0.083 (0.626)	0.059 (0.88)
Higher education	0.250 (0.082)	0.025 (0.681)	0.079 (0.257)	-0.032 (0.789)	0.005 (0.97)	-0.061 (0.626)	-0.032 (0.74)	0.269 (0.008)
Prof. level: manager/ professional	-0.014 (0.939)	0.260 (0.228)	0.322 (0.004)	0.431 (0.107)	0.334 (0.281)	0.174 (0.546)	0.245 (0.373)	0.229 (0.387)
Prof. level: blue collar/ entrep-r/military	-0.007 (0.966)	0.137 (0.315)	0.182 (0.298)	0.198 (0.299)	0.099 (0.632)	0.034 (0.869)	-0.027 (0.879)	0.064 (0.563)
Income: food, clothes, and barely other	0.027 (0.724)	-0.158 (0.169)	-0.127 (0.312)	-0.106 (0.492)	0.048 (0.667)	0.003 (0.987)	-0.090 (0.663)	0.030 (0.818)
Income: upper group	0.244 (0.094)	0.011 (0.902)	0.062 (0.459)	0.074 (0.509)	0.148 (0.241)	0.186 (0.425)	0.341 (0.173)	0.244 (0.028)
Missing married	0.952 (0.126)	0.650 (0.313)	0.487 (0.304)	0.033 (0.9)	-0.123 (0.638)	0.595 (0.037)	-0.095 (0.829)	0.299 (0.521)
Missing: higher education	-0.093	-0.750	-0.189	0.018	-0.350	-0.672	-0.132	-0.204

Covariates	Outcomes: Perceived frequency of corruption practices used by other people [1]							
	Presents to teachers, doctors, and childcare providers	Use connect-s to solve problems	Forging signatures and documents	Offering money to road police to avoid fines	Offering money to state officials	Giving money to professors to pass exams	Giving money to get children accepted in educ. inst-s	Receive 'envelope' wage
Missing: profess. level	(0.928) -0.316	(0.032) 0.315	(0.547) -0.280	(0.935) -0.084	(0.003) 0.088	(0.05) -0.347	(0.561) 0.006	(0.283) 0.351
Khabarovsk	(0.563) 0.119	(0.384) -0.244	(0.03) 0.208	(0.515) 0.355	(0.737) 0.042	(0.086) 0.154	(0.991) -0.473	(0.405) -0.536
Vladivostok	(0.108) 0.124	(0.005) 0.128	(0.007) -0.104	(0.005) -0.485	(0.505) -0.448	(0.082) -0.680	(0.001) -0.738	(0.001) -1.071
Blagoveshchensk	(0.353) 0.400	(0.003) -0.292	(0.053) 0.014	(0.002) -0.282	(0.001) -0.565	(0.005) -0.678	(0.001) -0.842	(0.001) -0.780
<i>R</i> <sup>2</sup>	(0.001) <i>0.079</i>	(0.003) <i>0.05</i>	(0.72) <i>0.074</i>	(0.001) <i>0.101</i>	(0) <i>0.094</i>	(0) <i>0.133</i>	(0) <i>0.096</i>	(0) <i>0.094</i>

Notes: Regression coefficients are shown with the *p*-values in parentheses. Standard errors are clustered at the city level. Outcomes range from 1 'never' to 5 'systematically'.

**Table 5 Conditional correlations between the frequency of corruption practices used by respondents and their individual characteristics**

Covariates	Outcomes: Frequency of corruption practices used by respondents themselves [2]							
	Presents to teachers, doctors, and childcare providers	Use connect-s to solve problems	Forging signatures and documents	Offering money to road police to avoid fines	Offering money to state officials	Giving money to professors to pass exams	Giving money to get children accepted in educ. inst-s	Receive 'envelope' wage
Female	0.211 (0.046)	-0.165 (0.15)	-0.098 (0.324)	-0.151 (0.15)	-0.207 (0.081)	-0.155 (0.103)	-0.180 (0.041)	-0.232 (0.039)
Age 18-29	0.559 (0.015)	-0.082 (0.474)	0.273 (0.294)	-0.528 (0.223)	-0.386 (0.18)	-0.149 (0.252)	-0.266 (0.074)	-0.064 (0.868)
Age 30-45	0.155 (0.408)	-0.064 (0.344)	-0.032 (0.883)	-0.119 (0.606)	-0.306 (0.283)	-0.125 (0.627)	-0.085 (0.636)	-0.085 (0.174)
Married	0.184 (0.182)	0.104 (0.374)	0.006 (0.919)	-0.130 (0.236)	-0.074 (0.415)	-0.083 (0.15)	0.046 (0.71)	-0.066 (0.559)
Children present	0.568 (0)	0.131 (0.215)	-0.056 (0.75)	-0.120 (0.404)	-0.068 (0.538)	-0.045 (0.537)	0.014 (0.909)	0.000 (0.999)
Higher education	0.038 (0.873)	0.184 (0.288)	0.076 (0.546)	-0.139 (0.075)	-0.010 (0.9)	-0.100 (0.055)	0.000 (1)	-0.092 (0.256)
Prof. level manager/ professional	0.172 (0.205)	0.162 (0.229)	0.104 (0.271)	0.276 (0.09)	0.068 (0.588)	0.099 (0.452)	0.115 (0.272)	0.388 (0.04)
Prof. level blue collar/ entrepreneur/military	-0.148 (0.052)	0.180 (0.294)	0.130 (0.204)	0.123 (0.032)	0.025 (0.57)	0.122 (0.128)	-0.068 (0.168)	0.435 (0.015)
Income: food, clothes, and barely other	0.090 (0.493)	-0.085 (0.387)	-0.060 (0.751)	0.012 (0.88)	0.057 (0.148)	0.091 (0.26)	0.016 (0.841)	0.265 (0.02)
Income: upper group	0.025 (0.873)	0.071 (0.321)	0.112 (0.598)	0.182 (0.069)	0.072 (0.013)	0.137 (0.079)	0.068 (0.502)	0.280 (0.082)
Missing married	0.507 (0.121)	0.432 (0.109)	0.492 (0.285)	0.176 (0.41)	0.115 (0.71)	0.145 (0.621)	0.277 (0.267)	0.401 (0.463)
Missing higher education	0.061 (0.788)	-0.202 (0.213)	-0.101 (0.718)	0.223 (0.028)	-0.113 (0.603)	-0.245 (0.396)	0.033 (0.754)	0.121 (0.237)

Covariates	Outcomes: Frequency of corruption practices used by respondents themselves [2]							
	Presents to teachers, doctors, and childcare providers	Use connect-s to solve problems	Forging signatures and documents	Offering money to road police to avoid fines	Offering money to state officials	Giving money to professors to pass exams	Giving money to get children accepted in educ. inst-s	Receive 'envelope' wage
Missing professional level	-0.223 (0.215)	0.015 (0.968)	-0.193 (0.287)	0.237 (0.154)	0.099 (0.604)	-0.005 (0.936)	0.049 (0.759)	0.591 (0.323)
Khabarovsk	0.206 (0.007)	0.092 (0.057)	0.114 (0.053)	0.405 (0.009)	0.114 (0.119)	0.177 (0.019)	0.101 (0.136)	-0.363 (0)
Vladivostok	0.056 (0.539)	0.004 (0.942)	0.022 (0.646)	-0.209 (0.028)	-0.082 (0.116)	-0.238 (0.005)	-0.127 (0.156)	-0.668 (0.001)
Blagoveshchensk	0.564 (0)	-0.059 (0.103)	-0.131 (0.004)	-0.060 (0.073)	-0.111 (0.004)	-0.283 (0)	-0.022 (0.499)	-0.544 (0.001)
<i>R</i> <sup>2</sup>	<i>0.107</i>	<i>0.066</i>	<i>0.057</i>	<i>0.226</i>	<i>0.103</i>	<i>0.107</i>	<i>0.096</i>	<i>0.095</i>

Notes: Regression coefficients are shown with the *p*-values in parentheses. Standard errors are clustered at the city level. Outcomes range from 1 'never' to 5 'systematically'.

**Table 6 Conditional correlations between the meaning of corruption and respondents' individual characteristics**

Covariates	Outcomes: What does corruption mean to you? [3]								
	Source of income	Crime	Part of life	Solution to problems	Compensation for low wages	Temporary situation	Tradition	National peculiarity	Evil
Female	-0.152 (0.012)	0.027 (0.603)	0.174 (0.466)	-0.133 (0.076)	0.008 (0.951)	0.199 (0.145)	0.137 (0.259)	-0.106 (0.677)	0.053 (0.438)
Age 18-29	-0.037 (0.92)	0.410 (0.021)	-0.620 (0.025)	-0.044 (0.73)	-0.290 (0.055)	-0.370 (0.137)	-0.727 (0.017)	-0.338 (0.14)	0.023 (0.92)
Age 30-45	-0.207 (0.695)	0.130 (0.247)	-0.369 (0.135)	-0.157 (0.177)	-0.399 (0.033)	-0.360 (0.093)	-0.327 (0.144)	-0.135 (0.493)	0.151 (0.143)
Married	-0.117 (0.546)	0.085 (0.15)	0.004 (0.984)	-0.230 (0.31)	-0.387 (0.085)	-0.146 (0.511)	-0.334 (0.11)	-0.100 (0.715)	0.127 (0.153)
Children present	0.004 (0.992)	0.126 (0.274)	-0.043 (0.869)	0.056 (0.871)	0.232 (0.444)	-0.022 (0.945)	0.029 (0.863)	-0.189 (0.066)	0.113 (0.345)
Higher education	0.111 (0.143)	-0.119 (0.09)	0.073 (0.502)	0.203 (0.325)	0.097 (0.522)	0.033 (0.829)	0.267 (0.069)	0.024 (0.847)	0.191 (0.014)
Prof. level manager/profess-l	0.284 (0.116)	-0.122 (0.247)	0.173 (0.037)	0.349 (0.376)	0.150 (0.243)	0.124 (0.524)	0.318 (0.149)	0.356 (0.01)	0.016 (0.852)
Prof. level blue collar/entrepr./military	0.134 (0.413)	-0.010 (0.893)	0.236 (0.391)	0.160 (0.221)	0.309 (0.172)	0.005 (0.935)	0.145 (0.298)	0.213 (0.012)	0.038 (0.725)
Income: food, clothes,	0.006	0.082	0.119	0.028	-0.072	-0.116	-0.423	-0.091	0.079



Covariates	Outcomes: What does corruption mean to you? [3]								
	Source of income	Crime	Part of life	Solution to problems	Compensation for low wages	Temporary situation	Tradition	National peculiarity	Evil
and barely other									(0.641)
Income: upper group	(0.97)	(0.442)	(0.029)	(0.464)	(0.104)	(0.141)	(0.084)	(0.333)	0.006
Missing married	0.038 (0.678)	0.046 (0.739)	-0.031 (0.874)	-0.051 (0.572)	-0.135 (0.005)	-0.228 (0.107)	-0.171 (0.484)	-0.032 (0.872)	0.523
Missing higher education	0.560 (0.254)	0.258 (0.459)	0.724 (0.249)	0.450 (0.219)	-0.288 (0.527)	0.729 (0.282)	-0.303 (0.552)	-0.244 (0.677)	0.414
Missing professional level	(0.38)	(0.129)	(0.869)	(0.497)	(0.129)	(0.666)	(0.148)	(0.947)	0.100
Khabarovsk	0.146 (0.686)	-0.087 (0.653)	-0.105 (0.757)	0.081 (0.677)	0.557 (0.03)	0.061 (0.864)	-0.399 (0.407)	0.398 (0.384)	0.254
Vladivostok	0.120 (0.107)	-0.130 (0.012)	0.450 (0.001)	0.106 (0.099)	0.219 (0.047)	0.334 (0.004)	0.239 (0.005)	0.238 (0.004)	0.051
Blagoveshchensk	0.262 (0.009)	0.213 (0.033)	-0.090 (0.192)	0.099 (0.325)	0.449 (0.06)	0.458 (0.005)	-0.193 (0.037)	-0.153 (0.127)	0.127
<i>R</i> <sup>2</sup>	0.025	0.067	0.086	0.035	0.060	0.049	0.097	0.035	0.030

Notes: Regression coefficients are shown with the *p*-values in parentheses. Standard errors are clustered at the city level. The outcome [3] range is 1 'no', 2 'rather no', 3 'don't know', 4 'rather yes', and 5 'yes'.



**Table 7 Conditional correlations between the perceived corruption impact and respondents' individual characteristics**

Covariates	Outcomes: How, do you think, does corruption affect the following aspects of your life? [4]				
	Your career opportunities	Your quality of life	Your children's future	Your health	Your security
Female	-0.020 (0.724)	-0.042 (0.626)	-0.047 (0.793)	-0.069 (0.694)	-0.094 (0.478)
Age 18-29	-0.068 (0.259)	-0.012 (0.906)	0.134 (0.14)	0.212 (0.062)	-0.201 (0.193)
Age 30-45	-0.151 (0.193)	-0.166 (0.302)	-0.062 (0.589)	-0.060 (0.482)	-0.231 (0.119)
Married	0.014 (0.943)	0.017 (0.905)	0.006 (0.966)	0.081 (0.557)	0.144 (0.091)
Children present	-0.184 (0.238)	-0.102 (0.503)	0.040 (0.723)	-0.075 (0.617)	-0.194 (0.187)
Higher education	-0.044 (0.695)	0.016 (0.211)	-0.137 (0.009)	-0.017 (0.897)	-0.014 (0.857)
Prof. level manager/ professional	0.181 (0.097)	0.290 (0.072)	0.349 (0.163)	0.217 (0.178)	0.218 (0.168)
Prof. level blue collar/ entrepreneur/military	0.093 (0.626)	0.202 (0.344)	0.256 (0.219)	0.127 (0.658)	0.245 (0.245)
Income: food, clothes, and barely other	0.086 (0.286)	-0.041 (0.702)	0.090 (0.344)	-0.012 (0.9)	0.102 (0.47)
Income: upper group	0.093 (0.429)	0.073 (0.406)	0.135 (0.151)	0.083 (0.487)	0.174 (0.323)
Missing married	0.057 (0.881)	-0.292 (0.21)	-0.126 (0.667)	0.145 (0.72)	-0.100 (0.827)
Missing higher education	0.199 (0.226)	-0.037 (0.747)	0.059 (0.792)	-0.064 (0.749)	0.163 (0.594)
Missing professional level	-0.206 (0.353)	0.018 (0.944)	-0.014 (0.955)	0.219 (0.538)	0.062 (0.889)
Khabarovsk	0.134 (0.013)	0.164 (0.026)	0.083 (0.295)	0.030 (0.509)	0.014 (0.728)
Vladivostok	-0.130 (0.202)	-0.024 (0.783)	-0.103 (0.263)	-0.300 (0.021)	-0.228 (0.069)
Blagoveshchensk	-0.114 (0.078)	0.169 (0.019)	0.178 (0.003)	0.026 (0.286)	0.082 (0.118)
<i>R2</i>	<i>0.032</i>	<i>0.031</i>	<i>0.036</i>	<i>0.036</i>	<i>0.044</i>

Notes: Regression coefficients are shown with the  $p$ -values in parentheses. Standard errors are clustered at the city level. Outcome [4] ranges from 1 'very negative' to 5 'fully positive'; outcome [5] ranges from 1 'certainly no' to 5 'certainly yes'