

Supporting Information for: *Reading between the Emails: Gendered Patterns of Communication in Local Government*

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Corpus Descriptive Statistics

Table 1. County email corpus descriptive statistics. Note that **Words Removed** indicates the the number of unique words that appeared in only one email in a given county, and were therefore removed in text preprocessing. **0 Token Emails** indicates the number of emails in each county that contain no tokens after text cleaning.

	# Emails	# Unique Words	# Tokens	Tokens per Email	Words Removed	0 Token Emails
Alexander	907	1595	15437	17.0	975	13
Caldwell	121	94	287	2.4	107	20
Chowan	2027	3038	39635	19.6	1213	14
Columbus	920	1326	13763	15.0	1719	6
Dare	2247	2907	38174	17.0	1549	37
Duplin	1914	2380	83162	43.4	1742	6
Hoke	1106	1397	19409	17.5	1511	10
Jackson	1499	2493	34290	22.9	2118	7
Lenoir	560	1340	19780	35.3	1790	13
Lincoln	573	1458	13754	24.0	2050	4
McDowell	326	1178	8863	27.2	1535	6
Montgomery	679	1137	11166	16.4	1216	18
Nash	1147	2214	31629	27.6	1731	4
Person	1491	2618	29153	19.6	1977	11
Randolph	87	227	1432	16.5	493	0
Transylvania	1857	3157	57431	30.9	2262	12
Vance	185	620	4070	22.0	670	2
Wilkes	303	510	5594	18.5	571	1
Averages:	997.2	1,475.4	18,696.7	17.3	1,275	16.7

Table 2. Words and counts for the 200 most frequently used words in aggregate, across all emails in all counties. Compiled after preprocessing.

1–50		51–100		101–150		151–200	
word	count	word	count	word	count	word	count
will	8322	state	765	open	525	amount	399
director	4179	confidential	760	benefit	522	center	398
fax	4085	wrote	752	emails	522	agenda	396
box	3103	employee	749	personal	519	sign	395
email	2894	staff	732	computer	513	area	395
phone	2685	human	726	contract	513	web	389
meeting	2588	account	720	wanted	508	delete	387
office	2522	fyi	718	approval	506	file	386
time	2335	check	717	hope	501	business	386
class	1860	notice	717	visit	499	correspondence	385
good	1553	system	709	additional	494	enforcement	376
received	1480	finance	703	add	491	distribution	376
message	1464	going	698	original	491	free	373
work	1421	parties	693	response	488	place	371
plan	1399	project	682	coverage	488	flexible	368
attached	1395	suite	682	officer	484	question	367
budget	1375	law	681	service	482	support	365
employees	1291	water	680	pay	481	find	364
department	1269	update	679	process	479	receive	363
manager	1241	site	671	provide	478	best	362
address	1238	number	669	complete	478	keep	362
junk	1226	meet	658	job	477	and/or	361
call	1224	copy	656	schedule	474	document	360
contact	1162	disclosure	654	room	464	discussed	358
planning	1162	read	651	leave	463	access	354
subject	1118	description	646	policy	458	agreement	354
health	1114	care	642	required	458	listed	353
questions	1088	survey	641	letter	450	general	353
review	1071	mail	638	medical	449	morning	352
benefits	1032	cost	634	form	447	management	352
report	981	training	628	safety	447	street	351
building	956	insurance	621	notify	443	items	347
cell	919	board	612	order	442	presentation	347
summary	907	ext	604	discuss	440	fire	346
help	905	local	595	messages	440	website	346
great	894	services	585	reply	435	administrator	339
tax	888	position	585	library	431	issues	337
request	879	payment	575	requisition	424	application	336
public	871	disclosed	575	copies	423	scheduled	336
intended	865	commissioners	568	asked	420	assistance	335
attachments	849	change	565	security	419	reminder	332
working	838	program	558	documents	412	talk	330
note	831	forward	556	needed	411	equipment	330
well	800	including	556	list	411	considered	326
send	792	prohibited	548	community	410	completed	323
changes	790	enrollment	539	grant	409	ready	321
property	783	electronic	536	notification	407	requested	321
resources	774	attend	532	info	406	lunch	320
sure	769	error	532	funds	403	meetings	319
recipient	766	sender	526	issue	402	bill	317

Table 3. Most common exclusive words in topic clusters associated with three gender mixing patterns.

MM = MF = FM = FF	MM > MF/FM > FF	FF > MF/FM > MM
<p>will, director, public, law, street, email, message, fax, department, recipient, system, records, state, address, box, e-mail, requisition, received, office, munis, approval, intended, confidential, error, year, north, pending, washington, carolina, program, general, days, documents, subject, fiscal, accompanying, description, meeting, prohibited, user, notify, entered, delete, phone, commodity, required, sgt, junk, marion, deputy, summary, october, attachments, latest, emails, court, services, directory, manager, dashboard, east, jail, report, good, budget, cutover, john, visit, bid, read, advised, wrote, water, messages, kinston, work, administration, deleted, chuck, facilities, craft, third, standard, hey, attached, suite, parties, young, personal, utilities, availability, disclosed, listed, tuesday, finance, coming, login, center, provided, code, spam, senior, requested, project, accessed, blocked, correspondence, award, document, planning, officer, number, generated, retrieve, maple, action, note, full, reply, username/password, lunch, copies, unmonitored</p>	<p>will, director, phone, time, meeting, office, fax, email, health, street, public, box, planning, received, year, board, library, description, law, mail, e-mail, wrote, intended, records, insurance, good, church, suite, subject, carolina, third, address, tax, parties, attached, water, class, benefits, marion, operations, budget, manteo, work, electronic, jail, fort, project, emergency, finance, employees, pool, plan, april, full, center, marshall, department, cashiers, message, book, ext, collins, enrollment, books, north, cpa, property, including, story, works, note, code, recipient, march, chuck, phase, lines, drive, staff, kinston, court, development, west, resources, dual, thursday, force, human, error, free, executive, system, phr, coverage, reading, tourism, letter, employee, authority, sheriff, monday, benefit, week, contact, correspondence, tuesday, disclosed, request, services, manager, disclosure, east, communications, copy, morning, buildings, taps, enp, renewal, corner, washington, review</p>	<p>will, director, office, fax, time, meeting, phone, finance, attached, department, public, budget, manager, year, box, email, street, good, read, password, tax, health, east, work, report, review, request, emergency, north, fyi, cell, carolina, transportation, mail, water, insurance, washington, electronic, troy, administrator, contact, zee, worker, comp, message, main, ipad, debt, learn, planning, records, officer, gay, change, great, actions, call, check, center, day, inspire, legion, well, utilities, library, disclosure, supply, dream, law, policy, animal, dss, form, increase, matt, services, reminder, item, record, shelter, audit, salary, board, general, send, funds, cost, refunding, attorney, facilities, site, fund, hey, requests, airport, response, balance, help, property, timesheet, state, received, recreation, today, address, loss, questions, week, defensive, monday, attachments, unaccounted, notice, days, media, cprp, expenditure, subject, wrote</p>
(11/64 Topic Clusters)	(11/64 Topic Clusters)	(11/64 Topic Clusters)