

## Appendix A. Additional Analyses, Full Sample

Table 1. Perceptions of Productivity of Respondents with and without Parenting Roles

	All Respondents			Female Respondents			Male Respondents		
	Not Parent	Parent	Total	Not Parent	Parent	Total	Not Parent	Parent	Total
Statement 1: I am unable to write/research at home in a way similar to my productivity prior to March 2020.									
(Strongly) disagree	20.7%	21.9%	181	20.7%	22.3%	119	21.0%	21.1%	61
Neither agree nor disagree	11.9%	10.2%	96	11.0%	11.2%	62	13.6%	8.6%	33
(Strongly) agree	67.4%	68.0%	578	68.3%	66.5%	378	65.4%	70.3%	196
<i>N</i>	521	334	855	353	206	559	162	128	290
	$\chi=0.6693, p=0.716$			$\chi=0.2281, p=0.892$			$\chi=1.8148, p=0.404$		
Statement 2: I worry that my research productivity will decrease significantly because of the COVID-19 pandemic									
(Strongly) disagree	18.4%	16.1%	150	17.3%	16.2%	95	19.1%	15.9%	51
Neither agree nor disagree	14.4%	12.7%	118	14.8%	13.2%	80	14.2%	11.9%	38
(Strongly) agree	67.2%	71.2%	590	68.0%	70.6%	388	66.7%	72.2%	199
<i>N</i>	528	330	858	359	204	563	162	126	288
	$\chi=1.4975, p=0.473$			$\chi=0.4357, p=0.804$			$\chi=1.0250, p=0.599$		
Statement 3: Post-pandemic, academia will be more considerate concerning the effects of caregiving on scholar productivity.									
(Strongly) disagree	48.4%	52.0%	429	48.7%	52.7%	285	48.2%	50.8%	141
Neither agree nor disagree	26.7%	23.9%	221	26.9%	25.1%	149	25.3%	21.8%	68
(Strongly) agree	24.9%	24.2%	212	24.4%	22.2%	134	26.5%	27.4%	77
<i>N</i>	531	331	862	361	207	568	162	124	286
	$\chi=1.2173, p=0.544$			$\chi=0.8118, p=0.666$			$\chi=0.4897, p=0.783$		
Statement 4: Women will be worse off than men in academia, post-pandemic.									
(Strongly) disagree	7.9%	6.9%	65	9.4%	6.8%	48	4.9%	7.0%	17
Neither agree nor disagree	15.8%	18.0%	144	14.9%	18.5%	92	17.3%	17.2%	50
(Strongly) agree	76.3%	75.1%	658	75.7%	74.7%	429	77.8%	75.8%	223
<i>N</i>	533	334	867	363	206	569	162	128	290
	$\chi=0.9107, p=0.634$			$\chi=2.0829, p=0.353$			$\chi=0.5718, p=0.751$		

Table 2. Assistant Professors and Graduate Students' Perceptions of Productivity During and After the Pandemic

	Assistant Professors			Assistant Prof Parents			Graduate Students			Graduate Student Parents		
	M	F	Total	M	F	Total	M	F	Total	M	F	Total
Statement 1: I am unable to write/research at home in a way similar to my productivity prior to March 2020.												
(Strongly) disagree	22.1%	19.8%	43	23.1%	16.9%	19	28.2%	19.6%	39	40.0%	38.5%	7
Neither agree nor disagree	9.1%	8.4%	18	7.7%	6.8%	7	15.4%	11.2%	22	0.0%	15.4%	2
(Strongly) agree	68.8%	71.8%	147	69.2%	76.3%	72	56.4%	69.2%	121	60.0%	46.1%	9
Total	77	131	208	39	59	98	39	143	182	5	13	18
	$\chi=0.2024, p=0.904$			$\chi=0.6405, p=0.726$			$\chi=2.2679, p=0.322$			$\chi=0.9099, p=0.634$		
Statement 2: I worry that my research productivity will decrease significantly because of the COVID-19 pandemic												
(Strongly) disagree	18.7%	16.0%	35	23.7%	12.1%	16	27.5%	15.5%	33	20.0%	33.3%	5
Neither agree nor disagree	9.3%	15.3%	27	10.5%	15.5%	13	17.5%	14.1%	27	20.0%	0.0%	1
(Strongly) agree	72.0%	68.7%	144	65.8%	72.4%	67	55.0%	70.4%	122	60.0%	66.7%	11
Total	75	131	206	38	58	96	40	142	182	5	12	17
	$\chi=1.5505, p=0.461$			$\chi=2.4251, p=0.297$			$\chi=3.8343, p=0.147$			$\chi=2.6376, p=0.267$		
Statement 3: Post-pandemic, academia will be more considerate concerning the effects of caregiving on scholar productivity.												
(Strongly) disagree	57.9%	47.0%	106	61.5%	50.8%	54	31.6%	54.1%	91	25.0%	53.8%	8
Neither agree nor disagree	21.1%	35.6%	63	15.4%	35.6%	27	34.2%	20.6%	43	25.0%	23.1%	4
(Strongly) agree	21.1%	17.4%	39	23.1%	13.6%	17	34.2%	25.3%	50	50.0%	23.1%	5
Total	76	132	208	39	59	98	38	146	184	4	13	17
	$\chi=4.8410, p=0.089$			$\chi=5.1935, p=0.075$			$\chi=6.3759, p=0.041$			$\chi=1.2995, p=0.522$		
Statement 4: Women will be worse off than men in academia, post-pandemic.												
(Strongly) disagree	1.3%	5.3%	8	2.5%	8.5%	6	5.1%	12.3%	20	0.0%	7.7%	1
Neither agree nor disagree	16.9%	14.4%	32	20.0%	15.2%	17	25.6%	15.1%	32	40.0%	23.1%	5
(Strongly) agree	81.8%	80.3%	169	77.5%	76.3%	76	69.2%	72.6%	133	60.0%	69.2%	12
Total	77	132	209	40	59	99	39	146	185	5	13	18
	$\chi=2.2478, p=0.325$			$\chi=1.7214, p=0.423$			$\chi=3.5138, p=0.173$			$\chi=0.8031, p=0.669$		

## Appendix B. Respondents Residing in the US Only

Table 1. Perceptions of Productivity and Parenting During and After the Pandemic – US Respondents

	All Respondents			Parents			Solo Parents		
	M	F	Total	M	F	Total	M	F	Total
Statement 1: I am unable to write/research at home in a way similar to my productivity prior to March 2020.									
(Strongly) disagree	20.4%	21.0%	102	20.6%	24.6%	44	0.0%	20.0%	2
Neither agree nor disagree	10.2%	12.6%	58	6.9%	13.6%	21	33.3%	0.0%	1
(Strongly) agree	69.5%	66.5%	332	72.6%	61.9%	126	66.7%	80.0%	10
<i>N</i>	167	325	492	73	118	191	3	10	13
	$\chi=0.7192, p=0.698$			$\chi=2.9529, p=0.228$			$\chi=3.9867, p=0.136$		
Statement 2: I worry that my research productivity will decrease significantly because of the COVID-19 pandemic									
(Strongly) disagree	17.3%	16.6%	83	15.1%	14.0%	27	0.0%	11.1%	1
Neither agree nor disagree	11.3%	15.0%	68	11.0%	17.5%	28	33.3%	11.1%	2
(Strongly) agree	71.4%	68.4%	343	74.0%	68.4%	132	66.7%	77.8%	9
<i>N</i>	168	326	494	73	114	187	3	9	12
	$\chi=1.2933, p=0.524$			$\chi=1.5160, p=0.469$			$\chi=1.0370, p=0.595$		
Statement 3: Post-pandemic, academia will be more considerate concerning the effects of caregiving on scholar productivity.									
(Strongly) disagree	44.9%	48.6%	232	48.6%	56.9%	100	33.3%	50.0%	6
Neither agree nor disagree	23.0%	28.0%	129	20.0%	24.1%	42	66.7%	20.0%	4
(Strongly) agree	32.1%	23.4%	129	31.4%	19.0%	44	0.0%	30.0%	3
<i>N</i>	165	325	490	70	116	186	3	10	13
	$\chi=4.5276, p=0.104$			$\chi=3.7603, p=0.153$			$\chi=2.6722, p=0.263$		
Statement 4: Women will be worse off than men in academia, post-pandemic.									
(Strongly) disagree	3.6%	9.8%	38	4.1%	7.0%	11	0.0%	0.0%	0
Neither agree nor disagree	18.3%	15.9%	83	18.9%	18.3%	35	33.3%	22.2%	3
(Strongly) agree	78.1%	74.3%	375	77.0%	74.8%	143	66.7%	77.8%	9
<i>N</i>	169	327	496	74	115	189	3	9	12
	$\chi=6.2637, p=0.044$			$\chi=0.6922, p=0.707$			$\chi=0.1481, p=0.700$		

Table 2. Perceptions of Productivity of Respondents with and without Parenting Roles – US Respondents

	All Respondents			Female Respondents			Male Respondents		
	Not Parent	Parent	Total	Not Parent	Parent	Total	Not Parent	Parent	Total
Statement 1: I am unable to write/research at home in a way similar to my productivity prior to March 2020.									
(Strongly) disagree	19.3%	23.0%	102	18.9%	24.6%	68	19.6%	20.6%	33
Neither agree nor disagree	12.3%	11.0%	58	12.1%	13.6%	41	13.0%	6.9%	17
(Strongly) agree	68.3%	66.0%	331	69.0%	61.9%	215	67.4%	72.6%	115
<i>N</i>	300	191	491	206	118	324	92	73	165
	$\chi=1.0443, p=0.593$			$\chi=1.8237, p=0.402$			$\chi=1.6940, p=0.429$		
Statement 2: I worry that my research productivity will decrease significantly because of the COVID-19 pandemic									
(Strongly) disagree	18.3%	14.4%	83	17.5%	14.0%	56	19.6%	20.6%	33
Neither agree nor disagree	13.1%	15.0%	68	13.7%	17.5%	49	13.0%	6.9%	17
(Strongly) agree	68.6%	70.6%	342	68.7%	68.4%	223	67.4%	72.6%	115
<i>N</i>	306	187	493	211	114	325	92	73	165
	$\chi=1.3969, p=0.497$			$\chi=1.2659, p=0.531$			$\chi=1.6940, p=0.429$		
Statement 3: Post-pandemic, academia will be more considerate concerning the effects of caregiving on scholar productivity.									
(Strongly) disagree	43.4%	53.8%	232	43.7%	56.9%	157	43.0%	48.6%	74
Neither agree nor disagree	28.3%	22.6%	128	30.3%	24.1%	91	23.7%	20.0%	36
(Strongly) agree	28.3%	23.7%	130	26.0%	19.0%	76	33.3%	31.4%	53
<i>N</i>	304	186	490	208	116	324	93	70	163
	$\chi=4.9805, p=0.083$			$\chi=5.2130, p=0.074$			$\chi=0.5583, p=0.756$		
Statement 4: Women will be worse off than men in academia, post-pandemic.									
(Strongly) disagree	8.8%	5.8%	38	11.4%	7.0%	32	3.2%	4.1%	6
Neither agree nor disagree	16.3%	18.5%	85	14.7%	18.3%	52	18.3%	18.9%	31
(Strongly) agree	74.9%	75.7%	373	73.9%	74.8%	242	78.5%	77.0%	130
<i>N</i>	307	189	496	211	115	326	93	74	167
	$\chi=1.6997, p=0.427$			$\chi=2.0816, p=0.353$			$\chi=0.0992, p=0.952$		

Table 2. Assistant Professors and Graduate Students' Perceptions of Productivity During and After the Pandemic – US Respondents

	Assistant Professors			Assistant Prof Parents			Graduate Students			Graduate Student Parents		
	M	F	Total	M	F	Total	M	F	Total	M	F	Total
Statement 1: I am unable to write/research at home in a way similar to my productivity prior to March 2020.												
(Strongly) disagree	17.5%	18.4%	21	20.0%	17.0%	12	20.8%	20.7%	23	50.0%	57.1%	5
Neither agree nor disagree	2.5%	11.8%	10	4.0%	9.8%	5	20.8%	11.5%	15	0.0%	14.3%	1
(Strongly) agree	80.0%	69.7%	85	76.0%	73.2%	49	58.3%	67.8%	73	50.0%	28.6%	3
Total	40	76	116	25	41	66	24	87	111	2	7	9
	$\chi=3.0422, p=0.218$			$\chi=0.7691, p=0.681$			$\chi=1.4715, p=0.479$			$\chi=0.5143, p=0.773$		
Statement 2: I worry that my research productivity will decrease significantly because of the COVID-19 pandemic												
(Strongly) disagree	17.1%	18.4%	21	23.1%	12.5%	11	20.0%	12.6%	16	0.0%	33.3%	2
Neither agree nor disagree	2.4%	14.5%	12	3.8%	15.0%	7	20.0%	16.1%	19	50.0%	0.0%	1
(Strongly) agree	80.5%	67.1%	84	73.1%	72.5%	48	60.0%	71.3%	77	50.0%	66.7%	5
Total	41	76	117	26	40	66	25	87	112	2	6	8
	$\chi=4.4521, p=0.108$			$\chi=2.9068, p=0.234$			$\chi=1.2689, p=0.530$			$\chi=3.7333, p=0.155$		
Statement 3: Post-pandemic, academia will be more considerate concerning the effects of caregiving on scholar productivity.												
(Strongly) disagree	53.8%	44.7%	55	52.0%	48.8%	33	29.2%	49.4%	51	100.0%	57.1%	5
Neither agree nor disagree	23.1%	38.2%	38	20.0%	36.6%	20	33.3%	23.6%	29	0.0%	14.3%	1
(Strongly) agree	23.1%	17.1%	22	28.0%	14.6%	13	37.5%	27.0%	33	0.0%	28.6%	2
Total	39	76	115	25	41	66	24	89	113	1	7	8
	$\chi=2.7016, p=0.259$			$\chi=2.8505, p=0.240$			$\chi=3.1377, p=0.208$			$\chi=0.6857, p=0.710$		
Statement 4: Women will be worse off than men in academia, post-pandemic.												
(Strongly) disagree	0.0%	3.9%	3	0.0%	7.3%	3	4.0%	15.7%	15	0.0%	14.3%	1
Neither agree nor disagree	15.0%	16.9%	19	23.1%	19.5%	14	24.0%	12.4%	17	0.0%	0.0%	0
(Strongly) agree	85.0%	79.2%	95	76.9%	73.2%	50	72.0%	71.9%	82	100.0%	85.7%	8
Total	40	77	117	26	41	67	25	89	114	2	7	9
	$\chi=1.7242, p=0.422$			$\chi=2.0292, p=0.363$			$\chi=3.8146, p=0.148$			$\chi=0.3214, p=0.571$		