## Appendix A. Additional Analyses, Full Sample

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

	All Respond	lents		Female Resp	ondents		Male Respondents			
	Not Parent	Parent	Total	Not Parent	Parent	Total	Not Parent	Parent	Total	
Statement 1: I am unable to	write/researc	h at home	in a way s	imilar to my p	productivity	prior to M	larch 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	
Ν	521	334	855	353	206	559	162	128	290	
	χ=0.6693, p	=0.716		χ=0.2281, p=	=0.892		χ=1.8148, p	=0.404		
Statement 2: I worry that m (Strongly) disagree	18.4%	16.1%	150	17.3%	16.2%	95	19.1%	15.9%	51	
									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	
N	528 χ=1.4975, p	330	858	359 χ=0.4357, p=	204	563	$162$ $\chi=1.0250, p=$	126	288	
Statement 2. Deat man 1										
Statement 3: Post-pandemic	c, academia w	ill be more	e considera	ate concerning	the effects	of caregiv	ing on scholar	productivit	у.	
(Strongly) disagree	c, academia w	ill be more 52.0%	e considera $429$	ate concerning 48.7%	the effects 52.7%	of caregiv	ing on scholar 48.2%	productivit	y. 141	
-	•							-	141	
(Strongly) disagree	48.4% 26.7% 24.9%	52.0%	429	48.7%	52.7%	285	48.2%	50.8%		
(Strongly) disagree Neither agree nor disagree	48.4% 26.7%	52.0% 23.9%	429 221	48.7% 26.9%	52.7% 25.1%	285 149	48.2% 25.3%	50.8% 21.8%	-	
(Strongly) disagree Neither agree nor disagree (Strongly) agree	48.4% 26.7% 24.9%	52.0% 23.9% 24.2% <i>331</i>	429 221 212	48.7% 26.9% 24.4%	52.7% 25.1% 22.2% 207	285 149 134	48.2% 25.3% 26.5%	50.8% 21.8% 27.4% 124		
(Strongly) disagree Neither agree nor disagree (Strongly) agree N Statement 4: Women will b	$     \begin{array}{r}                                     $	52.0% 23.9% 24.2% 331 =0.544	429 221 212 862	48.7% 26.9% 24.4% <i>361</i> χ=0.8118, p=	52.7% 25.1% 22.2% 207 =0.666	285 149 134	48.2% 25.3% 26.5% 162	50.8% 21.8% 27.4% 124		
(Strongly) disagree Neither agree nor disagree (Strongly) agree N Statement 4: Women will b (Strongly) disagree	$ \begin{array}{r}     48.4\% \\     26.7\% \\     24.9\% \\     \overline{531} \\     \chi=1.2173, p \\     e worse off th \\     \overline{7.9\%} \end{array} $	52.0% 23.9% 24.2% 331 =0.544 an men in 6.9%	429 221 212 862	48.7% 26.9% 24.4% <i>361</i> χ=0.8118, p=	52.7% 25.1% 22.2% 207 =0.666 ic. 6.8%	285 149 134 568 48	48.2% 25.3% 26.5% 162	50.8% 21.8% 27.4% 124 =0.783 7.0%	<u>141</u> 68 77 286 	
(Strongly) disagree Neither agree nor disagree (Strongly) agree N Statement 4: Women will b	$     \begin{array}{r}                                     $	52.0% 23.9% 24.2% 331 =0.544 an men in	429 221 212 862 academia	48.7% 26.9% 24.4% <i>361</i> χ=0.8118, p=	52.7% 25.1% 22.2% 207 =0.666 ic.	285 149 134 568	48.2% 25.3% 26.5% 162 χ=0.4897, p <sup>2</sup>	50.8%           21.8%           27.4%           124	<u>141</u> 68 77 286	
(Strongly) disagree Neither agree nor disagree (Strongly) agree N Statement 4: Women will b (Strongly) disagree Neither agree nor disagree (Strongly) agree	$ \begin{array}{r}     48.4\% \\     26.7\% \\     24.9\% \\     \overline{531} \\     \chi=1.2173, p \\     e worse off th \\     \hline     7.9\% \\     15.8\% \\     76.3\% \\ \end{array} $	52.0% 23.9% 24.2% 331 =0.544 an men in 6.9% 18.0% 75.1%	429 221 212 862 academia 65 144 658	48.7% 26.9% 24.4% 361 χ=0.8118, p= , post-pandem 9.4% 14.9% 75.7%	52.7% 25.1% 22.2% 207 =0.666 ic. <u>6.8%</u> 18.5% 74.7%	285 149 134 568 48 92 429	48.2% 25.3% 26.5% 162 χ=0.4897, p <sup>2</sup> 4.9% 17.3% 77.8%	50.8%           21.8%           27.4%           124           =0.783           7.0%           17.2%           75.8%	<u>141</u> 68 77 286 <u>17</u> 50	
(Strongly) disagree Neither agree nor disagree (Strongly) agree N Statement 4: Women will b (Strongly) disagree Neither agree nor disagree	$ \begin{array}{r}     48.4\% \\     26.7\% \\     24.9\% \\     \overline{531} \\     \chi=1.2173, pt $ e worse off th 7.9% 15.8%	52.0% 23.9% 24.2% 331 =0.544 an men in 6.9% 18.0%	429 221 212 862 academia 65 144	48.7% 26.9% 24.4% 361 χ=0.8118, p= , post-pandem 9.4% 14.9%	52.7% 25.1% 22.2% 207 =0.666 ic. <u>6.8%</u> 18.5%	285 149 134 568 48 92	48.2% 25.3% 26.5% 162 χ=0.4897, p <sup>2</sup> 4.9% 17.3%	50.8%           21.8%           27.4%           124           =0.783           7.0%           17.2%           75.8%           128	<u>141</u> 68 77 286 	

	Assistant	t Professor		Assistant Prof Parents			Graduate	e Students		Graduate Student Parents		
	М	F	Total	М	F	Total	М	F	Total	М	F	Total
Statement 1: I am unable to	write/rese	arch at hoi	me in a wa	ay similar	to my pro	luctivity	prior to M	larch 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
	χ=0.2024	4, p=0.904		χ=0.6405	5,p=0.726		χ=2.2679	9, p=0.322		χ=0.9099	9, p=0.634	ļ
Statement 2: I worry that m	-	<u> </u>	•									
(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
	χ=1.5505	5, p=0.461		χ=2.425	l, p=0.297		χ=3.834.	3, p=0.147		χ=2.6376	6, p=0.267	
Statement 3: Post-pandemic	c, academia	a will be m	ore consi	derate con	cerning th	e effects	of caregiv	ing on sch	olar produ	ictivity.		
Statement 3: Post-pandemic (Strongly) disagree	c, academia 57.9%	a will be m 47.0%	ore consi	derate con 61.5%	cerning th 50.8%	e effects 54	of caregiv 31.6%	ing on sch 54.1%	olar produ 91	activity.	53.8%	8
-	57.9% 21.1%	47.0% 35.6%	106 63	61.5% 15.4%	50.8% 35.6%	54 27	31.6% 34.2%	54.1% 20.6%	91 43	25.0% 25.0%	23.1%	4
(Strongly) disagree	57.9%	47.0% 35.6% 17.4%	106 63 39	61.5% 15.4% 23.1%	50.8% 35.6% 13.6%	54 27 17	31.6%	54.1% 20.6% 25.3%	91 43 50	25.0%		4 5
(Strongly) disagree Neither agree nor disagree	57.9% 21.1% 21.1% 76	47.0% 35.6% 17.4% <i>132</i>	106 63 39 208	61.5% 15.4% 23.1% <i>39</i>	50.8% 35.6% 13.6% 59	54 27 17 98	31.6% 34.2% 34.2% 38	54.1% 20.6% 25.3% 146	91 43	25.0% 25.0% 50.0% 4	23.1% 23.1% <i>13</i>	4 5 17
(Strongly) disagree Neither agree nor disagree (Strongly) agree	57.9% 21.1% 21.1% 76	47.0% 35.6% 17.4%	106 63 39 208	61.5% 15.4% 23.1% <i>39</i>	50.8% 35.6% 13.6%	54 27 17 98	31.6% 34.2% 34.2% 38	54.1% 20.6% 25.3%	91 43 50	25.0% 25.0% 50.0% 4	23.1% 23.1%	4 5 17
(Strongly) disagree Neither agree nor disagree (Strongly) agree	$57.9\%$ 21.1% 21.1% 76 $\chi$ =4.8410	47.0% 35.6% 17.4% <i>132</i> 0, p=0.089	106 63 39 208	$ \begin{array}{r} 61.5\% \\ 15.4\% \\ 23.1\% \\ 39 \\ \chi=5.1935 \end{array} $	50.8% 35.6% 13.6% 59 5, p=0.075	54 27 17 98	31.6% 34.2% 34.2% 38	54.1% 20.6% 25.3% 146	91 43 50	25.0% 25.0% 50.0% 4	23.1% 23.1% <i>13</i>	4 5 17
(Strongly) disagree Neither agree nor disagree (Strongly) agree <i>Total</i>	$57.9\%$ 21.1% 21.1% 76 $\chi$ =4.8410	47.0% 35.6% 17.4% <i>132</i> 0, p=0.089	106 63 39 208	$ \begin{array}{r} 61.5\% \\ 15.4\% \\ 23.1\% \\ 39 \\ \chi=5.1935 \end{array} $	50.8% 35.6% 13.6% 59 5, p=0.075	54 27 17 98	31.6% 34.2% 34.2% 38	54.1% 20.6% 25.3% 146	91 43 50	25.0% 25.0% 50.0% 4	23.1% 23.1% <i>13</i>	4 5 17 2
(Strongly) disagree Neither agree nor disagree (Strongly) agree <i>Total</i> Statement 4: Women will b	$57.9\%$ 21.1% 21.1% 76 $\chi$ =4.8410 e worse of 1.3% 16.9%	47.0% 35.6% 17.4% <i>132</i> ), p=0.089 f than men	106 63 39 208	$ \begin{array}{r} 61.5\% \\ 15.4\% \\ 23.1\% \\ 39 \\ \chi=5.1935 \\ \text{mia, post-p} \end{array} $	50.8% 35.6% 13.6% 59 5, p=0.075 bandemic. 8.5% 15.2%	54 27 17 98 6 17	$     31.6\% \\     34.2\% \\     34.2\% \\     34.2\% \\     38 \\     \chi=6.3759 \\     5.1\% \\     25.6\% \\     $	54.1% 20.6% 25.3% 146 9, p=0.041 12.3% 15.1%	91 43 50 184 20 32	25.0% 25.0% 50.0% 4 χ=1.2995	23.1% 23.1% <i>13</i> 5, p=0.522 7.7% 23.1%	4 5 17 2 1 1 5
(Strongly) disagree Neither agree nor disagree (Strongly) agree <i>Total</i> Statement 4: Women will b (Strongly) disagree	$57.9\%$ 21.1% 21.1% 76 $\chi$ =4.8410 e worse of 1.3% 16.9% 81.8%	47.0% 35.6% 17.4% 132 0, p=0.089 f than men 5.3% 14.4% 80.3%	106 63 39 208 1 in acader 8 32 169	61.5% 15.4% 23.1% 39 χ=5.1935 mia, post-p 2.5% 20.0% 77.5%	50.8% 35.6% 13.6% 59 5, p=0.075 bandemic. 8.5% 15.2% 76.3%	54 27 17 98 6 17 76	$ \begin{array}{r} 31.6\% \\ 34.2\% \\ 34.2\% \\ 38 \\ \chi=6.3759 \\ \hline 5.1\% \\ 25.6\% \\ 69.2\% \\ \end{array} $	54.1% 20.6% 25.3% 146 9, p=0.041 12.3% 15.1% 72.6%	91 43 50 184 20 32 133	$\begin{array}{c} 25.0\%\\ \hline 25.0\%\\ \hline 50.0\%\\ \hline 4\\ \chi=1.2995\\ \hline 0.0\%\\ \hline 40.0\%\\ \hline 60.0\%\\ \end{array}$	23.1% 23.1% <i>I3</i> 5, p=0.522 7.7% 23.1% 69.2%	4 5 17 2 1 1 5 12
(Strongly) disagree Neither agree nor disagree (Strongly) agree <i>Total</i> Statement 4: Women will b (Strongly) disagree Neither agree nor disagree	$57.9\%$ 21.1% 21.1% 76 $\chi$ =4.8410 e worse of 1.3% 16.9%	47.0% 35.6% 17.4% 132 0, p=0.089 f than men 5.3% 14.4%	106 63 39 208 1 in acaden 8 32	61.5% 15.4% 23.1% 39 χ=5.1935 nia, post-p 2.5% 20.0%	50.8% 35.6% 13.6% 59 5, p=0.075 bandemic. 8.5% 15.2%	54 27 17 98 6 17	$     31.6\% \\     34.2\% \\     34.2\% \\     34.2\% \\     38 \\     \chi=6.3759 \\     5.1\% \\     25.6\% \\     $	54.1% 20.6% 25.3% 146 9, p=0.041 12.3% 15.1%	91 43 50 184 20 32	25.0%           25.0%           50.0%           4           χ=1.2995           0.0%           40.0%	23.1% 23.1% <i>13</i> 5, p=0.522 7.7% 23.1%	<u>1</u> 5

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

## Appendix B. Respondents Residing in the US Only

	All Resp	ondents		Parents			Solo Parents			
	М	F	Total	М	F	Total	М	F	Total	
Statement 1: I am unable to writ	te/research at h	ome in a w	vay simila	r to my pro	oductivity	prior to l	March 202	0.		
(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	695%	66.5%	332	72.6%	61.9%	126	66.7%	80.0%	10	
N	167	325	492	73	118	191	3	10	13	
	χ=0.719	2, p=0.698	3	χ=2.9529	, p=0.228		χ=3.986	7, p=0.136		
(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%	27	33.3%	11.1%	2	
(Strongly) agree	71.4%	68.4%	343	74.0%	68.4%	132	66.7%	77.8%	<u> </u>	
N	168	326	494	73	114	132	3	9	12	
1		3, p=0.524			), p=0.469		_	), p=0.595	12	
Statement 3: Post-pandemic, aca	ademia will be	more cons	iderate co	ncerning t	he effects	of caregi	ving on sc	holar prod	uctivity.	
(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	
Ν	165	325	490	70	116	186	3	10	13	
	χ=4.5276	6, p=0.104		χ=3.7603	3, p=0.153		χ=2.6722	2, p=0.263		
Statement 4: Women will be wo	orse off than me	en in acade	emia, post	-pandemic						
(Strongly) disagree	3.6%	9.8%	38	4.1%	7.0%	11	0.0%	0.0%	0	
(Buoligiy) disugree				10.0.1	10.20/	35	33.3%	22.2%	2	
Neither agree nor disagree	18.3%	15.9%	83	18.9%	18.3%	55	55.570	22.270	3	
	18.3% 78.1%	15.9% 74.3%	83 375	18.9% 77.0%	18.3% 74.8%	143	66.7%	77.8%	<u> </u>	
Neither agree nor disagree										

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

	All Respond	lents		Female Resp	ondents		Male Respondents			
	Not Parent	Parent	Total	Not Parent	Parent	Total	Not Parent	Parent	Total	
Statement 1: I am unable to	write/researcl	h at home	in a way s	imilar to my p	oroductivity	prior to M	larch 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	
N	300	191	491	206	118	324	92	73	165	
	χ=1.0443, p	=0.593		χ=1.8237, p=	=0.402		χ=1.6940, p	=0.429		
Statement 2: I worry that m					•		-			
(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	
N	306	187	493	211	114	325	92	73	165	
	χ=1.3969, p	=0.497		χ=1.2659, p=	=0.531		χ=1.6940, p=0.429			
Statement 3: Post-pandemic	c, academia wi	ill be more	considera	ate concerning	the effects	of caregiv	ing on schola	r productivit	ty.	
(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	
Ν	304	186	490	208	116	324	93	70	163	
	χ=4.9805, p	=0.083		χ=5.2130, p=	=0.074		χ=0.5583, p=0.756			
Statement 4: Women will b	e worse off th	an men in	academia	, post-pandem	ic.					
(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	
Ν	307	189	496	211	115	326	93	74	167	
	χ=1.6997, p	=0.427		χ=2.0816, p=	=0.353		χ=0.0992, p	=0.952		

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

	Assistan	t Professor	rs	Assistant Prof Parents			Graduate	e Students		Graduate Student Parents		
	М	F	Total	М	F	Total	М	F	Total	М	F	Total
Statement 1: I am unable to	write/rese	arch at ho	me in a wa	ay similar	to my pro	ductivity	prior to M	arch 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
	χ=3.0422	2, p=0.218		χ=0.769	1,p=0.681		χ=1.471	5, p=0.479		χ=0.5143	p=0.773	
Statement 2: I worry that m	-	-	-						1	0.00/	22.204	
(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 1, p=0.108	117	26	40 8, p=0.234	66	25	$\frac{87}{100}$ , p=0.530	112	$\frac{2}{\chi=3.7333}$	6	8
Statement 3: Post-pandemic	e, academi	a will be n	nore consi	derate con	cerning th	e effects	of caregiv	ing on sch	olar prod	luctivity.		
(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
	χ=2.7010	6, p=0.259	)	χ=2.850	5, p=0.240		χ=3.137	7, p=0.208		χ=0.6857,	p=0.710	
Statement 4: Women will b	e worse of	f than mer	n in acade	mia, post-p	pandemic.							
				0.00/	7.3%	3	4.0%	15.7%	15	0.0%	14.3%	1
(Strongly) disagree	0.0%	3.9%	3	0.0%	1.5%	5						-
Neither agree nor disagree	15.0%	16.9%	19	23.1%	19.5%	14	24.0%	12.4%	17	0.0%	0.0%	
Neither agree nor disagree (Strongly) agree	15.0% 85.0%	16.9% 79.2%	19 95	23.1% 76.9%	19.5% 73.2%	14 50	24.0% 72.0%	12.4% 71.9%	17 82	100.0%	0.0% 85.7%	0
Neither agree nor disagree	15.0% 85.0% 40	16.9%	19 95 117	23.1% 76.9% 26	19.5%	14 50 67	24.0% 72.0% 25	12.4%	17 82 114		0.0% 85.7% 7	

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