

Supplementary material Nr. 1.

Table S1. IC variable summary statistics.

	Full	Pre-pandemic	Pandemic
count	260	150	80
mean	501153.85	225566.67	1107262.50
std	756423.48	14653.68	1156119.26
min	188000.00	203000.00	207000.00
max	6149000.00	298000.00	6149000.00

Supplementary material Nr. 2.

Table S2. Summary statistics of keywords for the pre-pandemic timeframe.

	count	mean	std	min	max
Fortnite Battle Royale	150	33,18	25,90382	0	100
Withdrawal From Friends	150	16,28	19,10519	0	89
Hallucinations	150	77,23333	8,654763	50	98
Wedding Dress	150	16,18667	8,986483	10	100
Payday Loans	150	73,62	12,52202	41	100
Credit Score	150	61,47333	6,915304	47	77
Social Work	150	79,74667	11,55215	45	100
Child Protective Services	150	70,54	7,838667	49	100
Gardening Services	150	34,18667	15,47303	4	92
Theatre	150	69,64	8,663183	52	100
Shivering	150	49,03333	12,11545	33	100
Cinnamon buns	150	22,68	8,8396	10	75
West Elm Furniture	150	53,99333	9,358983	33	87
Job Opportunities	150	79,95333	10,00693	46	100
Cheap Apartments for rent	150	72,19333	8,278456	49	100
Gardener	150	62,05333	9,308859	46	84
Chronic Pain	150	86,29333	6,546218	69	100
Ziprecruiter	150	69,72667	12,95314	38	100
Job Offer	150	75,95333	10,94117	31	92
Pop Yachts	150	28	11,6227	7	65
Rolls Royce	150	58,64	8,293508	46	100
Sports Car For Sale	150	52,46667	9,803209	32	75
House Cleaning Services	150	45,37333	6,927764	28	68
OnlyFans	150	2,486667	2,39052	1	10
Bovada Sports	150	14,79333	9,153645	5	48
Suicide Hotline	150	27,67333	7,790458	20	100
Insomnia	150	69,17333	6,069781	52	82
How to reduce stress	150	59,64667	13,36033	30	92
Stress	150	79,38	11,89533	44	97
Employment Agency	150	69,68667	9,176229	43	100
How Much Is Plastic Surgery	150	42,91333	12,29554	13	78
Prostitution	150	23,05333	7,801898	17	100
Cinema	150	50,3	10,72646	33	100
Apex Legends	150	4,753333	12,41288	0	100
Cold	150	43,56667	10,31934	32	92
How to be happy	150	63,88667	6,92097	48	100
Binance	150	2,826667	10,66182	0	100
Chanel Bags	150	49,60667	6,7156	38	83
Rent The Runway	150	70,87333	11,88327	44	100
Prozac	150	74,36667	4,608741	61	100
Wedding Planner	150	51,31333	10,62423	37	100
Ps4	150	24,68	9,107354	17	100
Ferarri	150	53,13333	10,0038	32	100
Plastic Surgery Near Me	150	30,14667	10,275	12	55
Plastic Surgery Cost	150	55,49333	9,067788	27	79
Define Emotional Abuse	150	33,71333	21,80922	0	100
How To Earn Money	150	67,43333	6,929575	50	87

Yachts For Sale	150	52,03333	12,15527	32	86
Pancakes	150	46,32	6,050481	38	78
Prada Bags	150	40,55333	7,240394	25	63
Buspirone	150	59,80667	8,086526	42	78
Sleepless	150	17,52	11,774	8	74
Ballet	150	55,63333	10,16932	39	100
Panic Attack	150	68,05333	6,740429	55	94
Job Vacancies	150	43,23333	10,46593	21	70
Nail Spa	150	63,6	11,59669	42	86
Tiny House For Sale	150	52,89333	10,51311	29	85
Dior	150	18,61333	5,110572	13	40
Career Builder	150	38,13333	20,60646	8	100
Best Sugar Daddy Websites	150	37,69333	22,88693	0	94
Auto Insurance	150	74,99333	7,26257	57	100
Job Interview	150	79,75333	12,70308	28	100
Heartstone	150	44,88	13,56116	21	100
Private Jet For Sale	150	38,08667	12,19745	16	100
Drug addiction	150	63,82667	10,29155	43	100
Hydroxyzine	150	55,32	6,893553	43	70
Celexa	150	77,59333	7,53791	56	100
Self Esteem	150	72,15333	11,38275	38	93
Fatigue	150	78,58667	5,720781	62	88
PornHub	150	76,88	9,004786	59	100
CheapOair	150	66,44667	6,503006	54	84
Nervous	150	75,13333	16,2793	35	95
Alprazolam	150	63,47333	5,33407	51	100
Severance Pay	150	33,15333	5,480578	20	51
Online Loans	150	75,14667	12,28596	41	100
Cleaning Services Near Me	150	27,60667	7,030992	10	44
War	150	26,8	10,89917	15	100
Layoff Law	150	8,14	5,647391	0	23
New Jobs	150	84,97333	6,998511	54	100
How To Trade In A Car	150	63,69333	11,39171	36	93
Luxury Yachts For Sale	150	36,58667	20,21767	0	100
Lamborghini	150	60,98	6,642824	49	100
Lisinopril	150	70,92	7,123569	57	100
Apply For A Job	150	71,04	9,933254	36	100
Tesla Cars	150	29,76	6,198809	20	58
Severance Package	150	47,96	10,02807	14	75
Xhamster	150	78,55333	7,867644	66	100
Escort	150	59,62667	18,23138	34	97
Chocolate chip cookies	150	26,63333	8,261999	16	63
Sertraline	150	69,42667	8,469722	51	88
Hair Salon	150	76,13333	6,594351	60	91
Santander	150	75,46667	3,193254	69	85
Social media addiction	150	47,98667	19,45499	11	100
Counter Strike	150	60	14,56667	36	98
Psychosomatic	150	44,84	7,204659	29	62
Xanax	150	63,27333	7,952794	51	100
Walmart Nail Salon	150	62,64667	13,62101	36	100
Glassdoor	150	76,11333	10,61058	35	100
Abuse	150	66,06	11,49393	41	100
Benzodiazepines	150	55,68667	8,408319	39	100
Abuse Hotline	150	62,91333	8,966707	40	100
Virus	150	2,16	1,882737	1	23
Beauty Salon	150	78,24	7,833571	63	95
Work Interview	150	72,07333	11,62622	24	93
Duration Of Benefits	150	27,47333	16,46583	0	71
Rolex Watch	150	53,03333	10,21278	40	100
Anxiety	150	84,55333	6,400017	66	96
Used Cars For Sale	150	52,47333	6,783019	36	73
Used Cars For Sale Near Me	150	45,00667	11,08993	25	80
Epidemic	150	5,993333	1,929971	3	16
Slot Machine	150	18,03333	1,392293	15	22
Louis Vuitton Bags	150	53,35333	7,775488	41	88
To Apply For Benefit	150	18,78	6,552698	4	34
Shelter	150	16,36667	1,348211	14	24

Refinance	150	14,44667	4,025984	7	29
Excessive Anger	150	30,23333	23,01777	0	100
Gucci	150	37,04	8,676807	24	75
Mood Changes	150	57,72667	12,37767	30	100
Cornbread	150	11,97333	11,83893	6	91
Online casino	150	7,8	2,687281	5	17
Mercedes Cars	150	80,00667	7,316889	57	97
How To Become A Sugar Baby	150	23,65333	13,87092	0	100
Opioids	150	42,92667	10,01884	24	100
Domestic violence	150	53,35333	9,136648	37	100
Gold Rolex	150	67,68667	8,660747	51	100
Curriculum Vitae	150	55,66667	8,446171	29	80
Social Assistance	150	52,75333	8,8613	30	75
Make Cv	150	50,23333	13,84498	14	100
Ramipril	150	67,68	10,15803	41	100
Normal heart rate	150	62,26	8,820682	44	100
Sugar Daddy Websites	150	31,13333	24,71086	4	100
Kickasstorrents	150	27,14667	16,98732	6	100
Chanel	150	50,45333	9,390547	36	87
Depression	150	72,22667	10,63182	46	98
Longines Heritage	150	29,14	12,94855	4	100
BetUS	150	36,98667	13,5696	16	72
Santander Consumer	150	65,24667	12,00835	44	100
Heat Rush	150	38,38667	14,25171	6	80
Loans Online Same Day	150	37,86667	9,929731	10	62
Art For Sale	150	55,88	5,064576	44	68
Versace Bags	150	34,03333	11,44723	8	73
Dentist	150	79,1	7,102084	55	100
Used Yachts For Sale	150	36,02	15,02413	3	75
Beta blockers	150	75,19333	9,386336	52	100
Recipes	150	63,68	9,144126	52	97
Housekeeper jobs	150	49,65333	12,64645	23	100
Motivational Letter	150	39,8	17,08094	7	100
Temporary Job	150	58,66	11,08347	25	90
Claim Benefits	150	9,44	1,735844	6	17
Protest	150	1,233333	0,772138	1	7
Minecraft	150	41,54	15,92669	24	99
Yachts	150	59,36667	11,15324	40	100
Cheap Flights	150	60,36	7,136521	48	76
Same Day Payday Loans	150	47,66	13,05632	19	83
Indeed	150	81,90667	9,357441	53	100
Zillow Homes For Rent	150	65,88	11,75358	40	100
Pandemic	150	1,04	0,364167	1	5
Cheap House For Rent	150	69,92	11,75221	44	100
Blood Pressure	150	74,46	8,054037	57	93
Xvideos	150	87,38667	4,685816	79	100
Assistance	150	44,24	8,399968	29	82
BMW Cars	150	78,28	7,441152	58	100
How to stop panic attack	150	47,84	12,36258	16	79
Ice cream	150	47,93333	16,25413	27	100
Cover Letter	150	76,22	12,14447	35	100
Antidepressants	150	62,68	6,622435	45	94
Nail Salon	150	57,17333	14,48941	31	100
Linkedin	150	84,97333	9,716068	43	100
Suicidal	150	61,90667	8,904675	47	100
Heart Palpitations	150	50,88	13,34565	15	78
Luxury Bed	150	57,49333	10,37922	36	89
Xbox	150	34,82667	8,782798	23	79
Work Offer	150	63,46667	10,34938	38	92
Plastic Surgery	150	32,42667	1,897885	27	37
Cars For Sale	150	57,68	7,016108	42	80
Addiction	150	79,63333	5,787532	67	100
Wells Fargo Refinance Rates	150	6,346667	4,875616	1	29
Wedding Ring	150	24,49333	2,322191	20	39
Luxury Sofa	150	35,46667	11,85803	8	70
Can anxiety be cured	150	41,25333	19,56616	0	100
Pawnshop	150	73,00667	8,128578	55	100

Novogratz Sofa	150	30,76	15,82992	0	83
How to reduce heart rate	150	34,96	16,88607	0	87
Online Payday Loan Lenders	150	40,11333	19,48138	0	100
Home Refinance Rates	150	7,753333	2,811617	4	20
Cv Examples	150	50,26667	14,02044	16	88
piratebay	150	43,60667	22,64162	18	100
Cv	150	87,81333	5,740924	62	96
Cheap Apartments	150	73,09333	8,622078	52	100
Loans	150	9,833333	10,30502	6	100
Obsessive Compulsion	150	21,85333	22,29075	0	100
Zillow Rent	150	54,66	10,22422	33	100
Housekeeper	150	50,73333	8,033208	35	100
Employment Office	150	52,16	7,595548	24	70
How To Rent A Private Jet	150	28,40667	13,22449	4	70
Leauge of Legends	150	40,66667	12,32102	17	79
Torrentz	150	37,16	16,41046	14	100
Unemployment	150	4,133333	0,609397	3	6
Jobs	150	79,74	6,945067	56	100
Spa Services	150	68,78	9,986481	42	100
Brain Fog	150	28,9	3,878611	18	37
Pizza	150	81,73333	5,636252	70	99
Monster	150	38,10667	9,138859	30	100
Spa	150	77,15333	7,353707	61	98
Neglect Hotline	150	40,69333	17,72798	6	100
Online poker	150	5,24	0,974025	3	8
Psychological Abuse	150	49,60667	13,83988	18	100
Buy Paintings	150	55,92	13,43267	22	95
Perindopril	150	37,70667	17,82636	0	100
BetOnline Sports	150	34,57333	19,11124	0	90
Enalapril	150	78,14	9,079093	56	100
How To Make Money	150	76,78667	5,205298	63	91
How To Make Money From Home	150	55,19333	9,095833	34	75
Cannot sleep	150	54,66667	12,38838	24	83
Gig Economy	150	16,82667	8,725298	6	91
Violence Hotline	150	37,07333	10,42332	17	100
uTorrent	150	57,98	16,25447	35	100
Payday Loans Online	150	66,72	13,41797	32	100
Alcohol addiction	150	69,18	10,09024	46	100
Housekeeper Near Me	150	19,38	8,037387	2	39
Distress	150	69,93333	6,377042	52	90
Wedding Dress Rent	150	61,66	13,72835	28	100

Supplementary material Nr. 3.

Table S3. Summary statistics of keywords for the full timeframe.

	count	mean	std	min	max
Fortnite Battle Royale	260	22,81538	23,28862	0	100
Withdrawal From Friends	260	21,20385	23,17536	0	100
Hallucinations	260	79,73846	8,566843	50	100
Wedding Dress	260	15,39231	7,24635	9	100
Payday Loans	260	64,84231	16,46507	22	100
Credit Score	260	67,77692	11,93338	47	100
Social Work	260	78,00385	11,72645	39	100
Child Protective Services	260	62,56923	11,8331	36	100
Gardening Services	260	39,78462	17,18646	4	97
Theatre	260	49,90769	25,16093	11	100
Shivering	260	51,22692	11,04494	33	100
Cinnamon buns	260	26,09615	11,89994	10	100
West Elm Furniture	260	59,74615	12,67552	33	100
Job Opportunities	260	70,77308	14,15491	36	100
Cheap Apartments for rent	260	68,45769	8,637383	45	100
Gardener	260	63,80385	10,29394	46	100
Chronic Pain	260	82,23077	8,213407	59	100

Ziprecruiter	260	63,81538	13,70471	30	100
Job Offer	260	75,10769	12,76956	31	100
Pop Yachts	260	31,04231	15,13065	4	100
Rolls Royce	260	59,3	8,421016	40	100
Sports Car For Sale	260	58,33846	13,33649	32	100
House Cleaning Services	260	52,15769	16,66019	19	100
OnlyFans	260	25,31923	28,92451	1	100
Bovada Sports	260	12,49615	9,918392	2	100
Suicide Hotline	260	26,47308	6,363145	20	100
Insomnia	260	75,07308	9,598023	52	100
How to reduce stress	260	61,03462	13,2887	30	100
Stress	260	78,61923	11,00181	44	100
Employment Agency	260	61,28846	13,08295	32	100
How Much Is Plastic Surgery	260	51,41154	16,39038	13	100
Prostitution	260	20,25769	7,036511	12	100
Cinema	260	35,47308	20,07234	5	100
Apex Legends	260	5,534615	9,556313	0	100
Cold	260	46,38077	11,25062	32	100
How to be happy	260	63,90769	7,398159	40	100
Binance	260	2,115385	8,136513	0	100
Chanel Bags	260	51,99615	9,404878	21	100
Rent The Runway	260	53,66923	24,0599	11	100
Prozac	260	73,63462	5,582062	52	100
Wedding Planner	260	50,62692	9,603493	32	100
Ps4	260	23,17308	8,230092	13	100
Ferarri	260	51,34615	9,632002	26	100
Plastic Surgery Near Me	260	43,89615	20,46602	12	100
Plastic Surgery Cost	260	59,50385	11,98052	27	100
Define Emotional Abuse	260	33,7	21,91953	0	100
How To Earn Money	260	71,16923	9,237023	50	100
Yachts For Sale	260	57,28462	15,05472	32	100
Pancakes	260	47,55769	9,568718	38	100
Prada Bags	260	44,89231	12,19073	18	100
Buspirone	260	66,70385	11,16811	42	100
Sleepless	260	16,81923	11,06326	8	100
Ballet	260	49,06154	11,95374	31	100
Panic Attack	260	73,09615	8,610086	55	100
Job Vacancies	260	42,38462	11,69489	19	100
Nail Spa	260	63,47308	15,4296	9	100
Tiny House For Sale	260	58,29615	13,11049	29	100
Dior	260	29,72308	16,40252	13	100
Career Builder	260	26,22308	21,07324	4	100
Best Sugar Daddy Websites	260	34,85769	22,33906	0	100
Auto Insurance	260	70,76538	8,183864	52	100
Job Interview	260	72,44615	15,091	28	100
Heartstone	260	39,16538	13,30717	12	100
Private Jet For Sale	260	39,81538	11,57002	16	100
Drug addiction	260	59,03462	10,65802	37	100
Hydroxyzine	260	63,86154	12,1514	43	100
Celexa	260	69,09231	12,10663	42	100
Self Esteem	260	67,16538	12,74064	36	100
Fatigue	260	80,10385	6,086949	62	100
PornHub	260	79,00769	8,205842	59	100
CheapOair	260	54,93077	16,70904	21	100
Nervous	260	73,50385	15,48882	35	100
Alprazolam	260	61,09231	5,523479	49	100
Severance Pay	260	35,35	12,9542	17	100
Online Loans	260	68,65769	14,55074	31	100
Cleaning Services Near Me	260	41,57308	22,41066	10	100
War	260	25,24615	9,379236	15	100
Layoff Law	260	9,303846	11,29031	0	100
New Jobs	260	80,49231	8,58997	54	100
How To Trade In A Car	260	66,34615	13,18927	26	100
Luxury Yachts For Sale	260	35,49615	18,0029	0	100
Lamborghini	260	57,79615	7,58687	39	100
Lisinopril	260	70,28846	6,695058	57	100
Apply For A Job	260	72,21538	10,31622	36	100

Tesla Cars	260	33,86923	9,161687	19	100
Severance Package	260	48,37692	14,25703	14	100
Xhamster	260	77,56923	7,145416	64	100
Escort	260	71,88462	20,47793	34	100
Chocolate chip cookies	260	29,26923	11,8392	16	100
Sertraline	260	75,33462	10,73692	51	99
Hair Salon	260	75,50385	11,35816	21	100
Santander	260	73,08462	4,797095	60	100
Social media addiction	260	43,77692	18,70963	11	100
Counter Strike	260	55,01538	16,01012	26	100
Psychosomatic	260	45,05769	8,485767	29	100
Xanax	260	56,04615	10,66612	38	100
Walmart Nail Salon	260	56,88846	15,28844	13	100
Glassdoor	260	61,99231	18,98079	25	100
Abuse	260	62,03846	11,10386	39	100
Benzodiazepines	260	53,93077	8,573722	34	100
Abuse Hotline	260	60,98462	8,768128	39	100
Virus	260	4,561538	10,36999	1	100
Beauty Salon	260	76,27308	10,29518	33	100
Work Interview	260	70,10385	12,61858	24	100
Duration Of Benefits	260	33,05385	20,71868	0	100
Rolex Watch	260	50,96154	9,988722	29	100
Anxiety	260	87,39615	6,723495	66	100
Used Cars For Sale	260	57,55385	10,75961	36	100
Used Cars For Sale Near Me	260	54,73846	16,54807	25	100
Epidemic	260	7,45	9,287005	3	100
Slot Machine	260	19,57308	6,22165	14	100
Louis Vuitton Bags	260	56,01538	10,37333	27	100
To Apply For Benefit	260	27,38462	14,68926	4	100
Shelter	260	16,57308	7,901813	12	100
Refinance	260	20,51923	10,69567	7	100
Excessive Anger	260	29,15385	21,67787	0	100
Gucci	260	35,83077	10,31035	20	100
Mood Changes	260	57,49615	12,08768	30	100
Cornbread	260	12,54615	11,9362	6	100
Online casino	260	14,32308	10,18115	5	100
Mercedes Cars	260	79,65385	8,508648	48	100
How To Become A Sugar Baby	260	24,11154	14,1492	0	100
Opioids	260	36,68846	11,01206	15	100
Domestic violence	260	50,91154	9,159877	34	100
Gold Rolex	260	66,56538	9,769918	35	100
Curriculum Vitae	260	50,89231	10,37576	27	100
Social Assistance	260	56,16923	10,70066	30	100
Make Cv	260	52,62308	14,00952	14	100
Ramipril	260	65,12308	10,16924	41	100
Normal heart rate	260	68,52692	11,3077	44	100
Sugar Daddy Websites	260	23,08077	22,20102	3	100
Kickasstorrents	260	18,96538	16,28376	0	100
Chanel	260	54,41923	10,81242	36	100
Depresion	260	72,23846	10,27934	37	100
Longines Heritage	260	27,88077	12,24261	4	100
BetUS	260	41	20,04358	4	100
Santander Consumer	260	66,12308	11,13589	44	100
Heat Rush	260	38,89231	14,78925	5	100
Loans Online Same Day	260	43,16923	17,08084	7	100
Art For Sale	260	58,18846	8,031734	36	100
Versace Bags	260	35,41538	13,01308	8	100
Dentist	260	79,94231	9,262398	42	100
Used Yachts For Sale	260	39,01538	16,61092	3	100
Beta blockers	260	74,01923	9,436826	48	100
Recipes	260	64,35769	10,03887	50	100
Housekeeper jobs	260	45,85385	13,16695	18	100
Motivational Letter	260	36,11538	16,83609	0	100
Temporary Job	260	56,05	12,01999	25	100
Claim Benefits	260	19,23077	17,85767	6	100
Protest	260	2,007692	6,517569	1	100
Minecraft	260	51,60769	19,66692	24	100

Yachts	260	60,80385	11,9026	40	100
Cheap Flights	260	49,75385	16,07538	15	100
Same Day Payday Loans	260	47,41154	15,1875	14	100
Indeed	260	77,33077	10,94097	45	100
Zillow Homes For Rent	260	67,58462	11,81929	40	100
Pandemic	260	7,161538	12,1727	1	100
Cheap House For Rent	260	68,75	11,29505	41	100
Blood Pressure	260	78,42308	9,17388	57	100
Xvideos	260	85,51538	5,58367	68	100
Assistance	260	55,18462	15,74276	29	100
BMW Cars	260	76,84615	8,606329	47	100
How to stop panic attack	260	52,44231	13,67947	16	100
Ice cream	260	49,16923	15,94641	27	100
Cover Letter	260	65,69231	16,27056	29	100
Antidepressants	260	63,16923	6,977225	44	100
Nail Salon	260	58,29615	16,8271	11	100
Linkedin	260	79,49615	11,92042	42	100
Suicidal	260	60,6	8,439748	45	100
Heart Palpitations	260	52,44231	14,13915	15	100
Luxury Bed	260	64,10769	13,74239	35	100
Xbox	260	36,32308	10,48567	23	100
Work Offer	260	68,90769	12,76968	38	100
Plastic Surgery	260	34,17692	6,676722	25	100
Cars For Sale	260	63,34615	10,97432	42	100
Addiction	260	76,13462	7,13745	57	100
Wells Fargo Refinance Rates	260	12,46154	13,66429	1	100
Wedding Ring	260	24,03077	5,481367	15	100
Luxury Sofa	260	44,55	18,39216	8	100
Can anxiety be cured	260	42,16538	19,36082	0	100
Pawnshop	260	68,87692	9,427648	45	100
Novogratz Sofa	260	33,55	16,29937	0	100
How to reduce heart rate	260	40,29615	18,53747	0	100
Online Payday Loan Lenders	260	31,29231	19,90613	0	100
Home Refinance Rates	260	11,21538	8,77077	4	100
Cv Examples	260	48,28077	14,60583	16	100
piratebay	260	31,76154	22,27844	9	100
Cv	260	87,84231	5,754479	62	100
Cheap Apartments	260	68,53462	9,213614	46	100
Loans	260	9,2	7,88469	6	100
Obsessive Compulsion	260	20,27692	21,01407	0	100
Zillow Rent	260	54,35	9,953395	33	100
Housekeeper	260	50,71923	8,083661	34	100
Employment Office	260	48,40769	11,38325	19	100
How To Rent A Private Jet	260	39,41923	20,35831	4	100
Leauge of Legends	260	41,43462	13,50417	14	100
Torrentz	260	29,18077	16,73995	3	100
Unemployment	260	15,12692	18,93403	3	100
Jobs	260	75,29615	8,54563	48	100
Spa Services	260	63,46538	12,98212	25	100
Brain Fog	260	38,43077	16,15821	17	100
Pizza	260	81,78462	5,600585	65	100
Monster	260	36,44615	7,610257	28	100
Spa	260	75,58462	11,23033	30	100
Neglect Hotline	260	39,14231	16,65407	6	100
Online poker	260	6,753846	6,607661	3	100
Psychological Abuse	260	48,48077	13,60628	14	100
Buy Paintings	260	58,76154	15,20633	22	100
Perindopril	260	40,28077	17,88212	0	100
BetOnline Sports	260	37,16923	20,58512	0	100
Enalapril	260	76,44231	9,117029	51	100
How To Make Money	260	79,34231	6,413227	63	100
How To Make Money From Home	260	62,67308	14,02964	34	100
Cannot sleep	260	56,73846	13,39916	24	100
Gig Economy	260	17,05385	10,7641	6	100
Violence Hotline	260	36,91154	10,27404	17	100
uTorrent	260	48,72308	17,36637	23	100
Payday Loans Online	260	56,06538	17,89112	14	100

Alcohol addiction	260	68,87308	9,978125	46	100
Housekeeper Near Me	260	24,73846	12,45257	0	100
Distress	260	71,79231	7,728198	52	100
Wedding Dress Rent	260	55,55769	15,84555	17	100

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Table S4. Summary statistics of keywords for the pandemic timeframe.

	count	mean	std	min	max
Fortnite Battle Royale	80	10,1375	4,687024	4	22
Withdrawal From Friends	80	28,4125	25,34356	0	100
Hallucinations	80	82,85	7,520605	67	100
Wedding Dress	80	13,975	3,939334	9	34
Payday Loans	80	50,0125	12,99999	22	75
Credit Score	80	79,4125	11,67351	50	100
Social Work	80	74,8125	11,20363	39	99
Child Protective Services	80	52,2375	6,812579	36	80
Gardening Services	80	49,625	16,84507	20	97
Theatre	80	19,1875	11,17195	11	62
Shivering	80	52,8	6,969009	40	71
Cinnamon buns	80	31,4	14,65347	14	100
West Elm Furniture	80	67,4625	13,18317	35	91
Job Opportunities	80	58,8625	8,319177	36	87
Cheap Apartments for rent	80	63,025	6,162309	45	76
Gardener	80	69,125	11,21298	52	100
Chronic Pain	80	75,8	6,836981	59	90
Ziprecruiter	80	53,775	10,15696	30	85
Job Offer	80	69,3625	13,06773	35	94
Pop Yachts	80	40,2	18,40363	4	100
Rolls Royce	80	61,925	9,299211	40	97
Sports Car For Sale	80	68,5375	13,67706	38	100
House Cleaning Services	80	57,5875	21,95778	19	100
OnlyFans	80	53,4625	18,30815	11	79
Bovada Sports	80	9,2375	11,74329	2	100
Suicide Hotline	80	24,9	3,079536	20	40
Insomnia	80	82,4875	7,890057	57	100
How to reduce stress	80	64,275	13,1052	31	100
Stress	80	78,5	9,285895	49	100
Employment Agency	80	50,425	8,148581	34	77
How Much Is Plastic Surgery	80	66,3	13,02617	33	100
Prostitution	80	16,1875	3,13047	12	39
Cinema	80	12,325	8,473003	5	42
Apex Legends	80	6,8875	2,204677	4	17
Cold	80	49,3375	12,54354	33	100
How to be happy	80	65,375	7,911496	40	83
Binance	80	1,1875	0,597331	1	5
Chanel Bags	80	52,475	10,58776	21	79
Rent The Runway	80	25,5375	14,30849	11	73
Prozac	80	71,1625	6,590065	52	84
Wedding Planner	80	49,25	8,387	32	81
Ps4	80	23,225	5,94697	16	39
Ferarri	80	50,2375	8,528795	30	71
Plastic Surgery Near Me	80	61,5	17,12796	25	100
Plastic Surgery Cost	80	68,875	12,96966	34	100
Define Emotional Abuse	80	35,05	23,39745	0	93
How To Earn Money	80	77,1	10,06259	57	100
Yachts For Sale	80	68	15,7118	34	100
Pancakes	80	51,8	14,01753	38	100
Prada Bags	80	45,975	12,72889	18	73
Buspirone	80	74,425	6,525073	58	88
Sleepless	80	16,975	11,44162	8	100
Ballet	80	37,4875	4,717309	31	52
Panic Attack	80	81,075	5,066082	69	100

Job Vacancies	80	39,5625	9,270675	21	73
Nail Spa	80	60,975	21,87477	9	100
Tiny House For Sale	80	67,6625	13,14471	44	100
Dior	80	39,8625	8,770987	23	62
Career Builder	80	11,0125	3,695683	5	22
Best Sugar Daddy Websites	80	28,5	19,7894	0	86
Auto Insurance	80	65,4375	5,423446	52	84
Job Interview	80	60,775	12,25052	34	81
Heartstone	80	31,875	7,983171	12	55
Private Jet For Sale	80	41,0125	10,76033	17	72
Drug addiction	80	52,2	7,206537	37	71
Hydroxyzine	80	73,3	5,549319	60	85
Celexa	80	58,7625	5,932625	45	73
Self Esteem	80	61,6875	12,21598	40	100
Fatigue	80	81,6125	5,742345	68	93
PornHub	80	83,8	5,799171	72	95
CheapOair	80	37,075	13,67783	21	100
Nervous	80	70,8875	14,60882	38	100
Alprazolam	80	58,65	3,646049	50	68
Severance Pay	80	43,0125	19,60786	17	100
Online Loans	80	55,4125	11,1295	31	82
Cleaning Services Near Me	80	56,175	23,47677	15	98
War	80	23,7	4,82976	16	44
Layoff Law	80	13,3375	18,05122	0	100
New Jobs	80	74,1	6,672445	55	90
How To Trade In A Car	80	70,4375	14,25433	26	100
Luxury Yachts For Sale	80	34,85	15,15414	0	83
Lamborghini	80	55,1375	6,170046	39	72
Lisinopril	80	70,075	5,901673	57	80
Apply For A Job	80	74,8625	10,42483	40	97
Tesla Cars	80	38,05	8,215299	19	61
Severance Package	80	53,3625	19,17557	18	100
Xhamster	80	74,6875	5,879795	64	86
Escort	80	86,1875	7,053312	73	98
Chocolate chip cookies	80	34,9125	15,92879	19	100
Sertraline	80	81,425	7,394447	64	97
Hair Salon	80	73,95	17,86936	21	100
Santander	80	70,0625	5,207939	60	100
Social media addiction	80	37,9125	17,20626	11	86
Counter Strike	80	52,35	15,97712	31	100
Psychosomatic	80	45,1	9,364084	30	92
Xanax	80	47,625	3,0205	41	55
Walmart Nail Salon	80	51,225	15,11557	13	80
Glassdoor	80	43,2875	7,89519	25	70
Abuse	80	57,6625	7,939556	39	77
Benzodiazepines	80	51,5125	7,604119	39	83
Abuse Hotline	80	59,1625	7,568161	42	74
Virus	80	9,875	17,44821	2	100
Beauty Salon	80	72,5875	14,17583	33	100
Work Interview	80	65,2875	11,9272	34	91
Duration Of Benefits	80	41,6375	23,82172	0	100
Rolex Watch	80	45,8625	7,486264	29	67
Anxiety	80	90,725	4,873008	78	100
Used Cars For Sale	80	64,1	12,54319	37	100
Used Cars For Sale Near Me	80	69,2875	13,83556	37	100
Epidemic	80	11,2	15,95516	3	100
Slot Machine	80	20,325	10,05274	14	100
Louis Vuitton Bags	80	56,25	10,66344	27	80
To Apply For Benefit	80	40,2375	15,81398	10	100
Shelter	80	17,975	14,00811	12	100
Refinance	80	31,525	12,25052	22	100
Excessive Anger	80	27,8625	19,43815	0	76
Gucci	80	31,3125	7,278534	20	83
Mood Changes	80	57,675	12,28025	34	89
Cornbread	80	12,3875	10,75091	7	100
Online casino	80	21,525	10,9336	10	100
Mercedes Cars	80	79,825	10,81112	48	100

How To Become A Sugar Baby	80	28,5625	14,62341	0	77
Opioids	80	27,8125	5,059378	15	46
Domestic violence	80	45,925	5,84997	34	61
Gold Rolex	80	61,5625	9,938856	35	84
Curriculum Vitae	80	44,225	7,382797	30	68
Social Assistance	80	59,5125	10,90232	35	100
Make Cv	80	55,4875	13,63539	32	100
Ramipril	80	62	8,915922	45	80
Normal heart rate	80	76,25	7,564909	57	95
Sugar Daddy Websites	80	7,9	2,462889	4	15
Kicksasstorrents	80	8,75	4,320982	1	22
Chanel	80	57,8875	7,567408	42	88
Depresion	80	72,125	9,135236	54	92
Longines Heritage	80	26,1625	10,7826	7	63
BetUS	80	34,6875	17,16015	4	59
Santander Consumer	80	63,4875	8,117794	46	82
Heat Rush	80	40,9625	15,72263	9	100
Loans Online Same Day	80	42,6	18,96472	7	82
Art For Sale	80	61,7875	11,39364	36	100
Versace Bags	80	34,3125	12,56436	12	69
Dentist	80	79,9125	12,51651	42	94
Used Yachts For Sale	80	46,925	17,03071	12	100
Beta blockers	80	72,1125	9,194101	48	91
Recipes	80	67,4625	11,74189	50	100
Housekeeper jobs	80	38,2875	10,93733	18	62
Motivational Letter	80	30,275	15,44855	0	61
Temporary Job	80	54,625	12,87267	31	100
Claim Benefits	80	39,6375	20,46624	9	100
Protest	80	3,775	11,55501	1	100
Minecraft	80	71,2375	13,7263	44	100
Yachts	80	64,9625	12,65856	41	93
Cheap Flights	80	35,6125	15,19785	15	100
Same Day Payday Loans	80	40,925	14,89862	14	74
Indeed	80	68,5375	9,25578	45	90
Zillow Homes For Rent	80	73,35	10,50027	42	95
Pandemic	80	19,225	16,30328	3	100
Cheap House For Rent	80	67,7625	11,0181	41	92
Blood Pressure	80	82,0375	7,78906	66	100
Xvideos	80	81,65	5,957869	68	93
Assistance	80	68,0875	9,620908	42	93
BMW Cars	80	75,15	10,66296	47	95
How to stop panic attack	80	59,2875	12,47802	27	94
Ice cream	80	53,9	16,37658	27	88
Cover Letter	80	51,6875	8,432297	29	76
Antidepressants	80	62,275	6,451327	44	77
Nail Salon	80	60,275	21,97811	11	95
LinkedIn	80	72,25	10,85987	42	98
Suicidal	80	58,425	7,947255	45	84
Heart Palpitations	80	52,0375	13,41966	32	86
Luxury Bed	80	71,9375	13,4516	35	99
Xbox	80	40,25	12,90913	25	100
Work Offer	80	74,2625	10,70283	45	100
Plastic Surgery	80	36,775	11,14118	25	100
Cars For Sale	80	72,1125	11,55723	44	100
Addiction	80	70,15	5,874424	57	91
Wells Fargo Refinance Rates	80	26,275	16,92947	9	100
Wedding Ring	80	23,425	9,320965	15	100
Luxury Sofa	80	52,9625	17,73036	12	100
Can anxiety be cured	80	42,875	18,80168	8	98
Pawnshop	80	62,45	7,971309	45	88
Novogratz Sofa	80	38,1875	17,31911	6	100
How to reduce heart rate	80	47,4625	17,96547	11	100
Online Payday Loan Lenders	80	16,65	11,73235	0	55
Home Refinance Rates	80	18,7	12,42639	8	100
Cv Examples	80	43,3375	14,12596	23	89
piratebay	80	17,15	4,581471	11	33
Cv	80	86,8	5,159237	69	96

Cheap Apartments	80	62,6125	6,061904	46	75
Loans	80	8,4375	1,271337	7	15
Obsessive Compulsion	80	18,8875	19,14898	0	75
Zillow Rent	80	56,2	9,699798	35	96
Housekeeper	80	47,775	6,521581	34	68
Employment Office	80	47,0375	13,74768	23	100
How To Rent A Private Jet	80	54,5	19,69772	15	100
Leauge of Legends	80	41,3375	11,66184	14	77
Torrentz	80	21,0875	9,432228	5	51
Unemployment	80	37,8625	20,06555	4	100
Jobs	80	68,3625	6,583915	48	83
Spa Services	80	53,0625	13,48824	25	84
Brain Fog	80	45,025	14,32354	17	71
Pizza	80	82,3625	5,585342	65	97
Monster	80	34,375	4,168523	28	49
Spa	80	70,85	16,37156	30	100
Neglect Hotline	80	36,325	15,34809	11	83
Online poker	80	9,225	11,38951	5	100
Psychological Abuse	80	46,425	12,272	14	82
Buy Paintings	80	62,1375	16,09996	22	100
Perindopril	80	42,025	17,08206	8	86
BetOnline Sports	80	36,6625	21,29952	0	100
Enalapril	80	75,1125	8,200021	58	96
How To Make Money	80	83,8125	6,002307	65	100
How To Make Money From Home	80	74,5125	13,82805	47	100
Cannot sleep	80	60,1375	14,8884	26	100
Gig Economy	80	19,6625	14,57581	6	100
Violence Hotline	80	37,65	10,4592	19	67
uTorrent	80	38,6375	8,907746	24	65
Payday Loans Online	80	37,4875	11,09338	14	60
Alcohol addiction	80	66,3125	8,660391	50	86
Housekeeper Near Me	80	28,1875	10,60462	0	66
Distress	80	75,3625	8,595324	55	100
Wedding Dress Rent	80	45,4625	14,10085	17	77

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Table S5. Largest correlations between IC and GTI keywords.

Time Frame	Keyword	Coeffs.	Keyword	Coeffs.
Full		P_Corr		MIC
	Cheap Flights	-0,54777	Plastic Surgery Cost	0,201437
	CheapOair	-0,50222	Online Payday Loan Lenders	0,206335
	Home Refinance Rates	-0,42341	Unemployment	0,218007
	Spa	-0,31809	Virus	0,244904
	Hair Salon	-0,30588	Epidemic	0,250465
	Zillow Rent	-0,26915	OnlyFans	0,257528
	Theatre	-0,2341	Pandemic	0,319387
	Nail Spa	-0,23228		
	Pandemic	-0,22834		
	Epidemic	-0,22533		
	Used Cars For Sale	-0,21418		
	Zillow Homes For Rent	-0,20384		
	Counter Strike	0,20019		
	Gig Economy	0,220662		
	Pancakes	0,256574		
	Chocolate chip cookies	0,259052		
	To Apply For Benefit	0,264167		
	Assistance	0,269261		
	Employment Office	0,312934		
	Minecraft	0,319551		
	Claim Benefits	0,393878		
	Severance Pay	0,399649		
	Layoff Law	0,414922		
	Shelter	0,630637		
	Unemployment	0,796507		
Pre-pandemic		P_Corr		MIC
	Epidemic	-0,253196911	Cv Examples	0,21120685

Online Payday Loan Lenders	-0,249494489	Nail Spa	0,213923383
Plastic Surgery Cost	-0,217918782	Wedding Dress Rent	0,218723852
Dior	0,201614361	How to stop panic attack	0,219567219
Novogratz Sofa	0,217727746	Luxury Yachts For Sale	0,222051305
Assistance	0,222308429	Make Cv	0,22339036
Wedding Dress Rent	0,248948755	Dior	0,230194323
Heart Palpitations	0,259539911	Xbox	0,231590954
Kickasstorrents	0,266661569	Sports Car For Sale	0,233540147
		War	0,23496201
		Plastic Surgery Cost	0,236148072
		Online Payday Loan Lenders	0,242776719
		Define Emotional Abuse	0,243300703
		Distress	0,259835869

	P_Corr		MIC
Pandemic	Dentist	Longines Heritage	0,3
	Spa	Cannot sleep	0,3
	Hair Salon	Anxiety	0,303114759
	Zillow Homes For Rent	Cars For Sale	0,303114759
	Used Cars For Sale	How to stop panic attack	0,303114759
	CheapOair	Used Yachts For Sale	0,303114759
	Nail Spa	Blood Pressure	0,303114759
	Cinema	Obsessive Compulsion	0,303114759
	Chronic Pain	BetOnline Sports	0,303114759
	Theatre	Define Emotional Abuse	0,30370995
	Cheap Flights	Curriculum Vitae	0,304052578
	Job Offer	Layoff Law	0,304052578
	Housekeeper jobs	Chanel Bags	0,304052578
	Cleaning Services Near Me	Ballet	0,306587499
	Job Interview	Apex Legends	0,309840305
	Zillow Rent	Employment Office	0,310340305
	Child Protective Services	Duration Of Benefits	0,310340305
	BetUS	Used Cars For Sale	0,311000853
	Used Cars For Sale Near Me	Shivering	0,311278124
	Credit Score	Sugar Daddy Websites	0,311278124
	Home Refinance Rates	Leauge of Legends	0,31229243
	Cover Letter	How To Become A Sugar Baby	0,31229243
	House Cleaning Services	Online casino	0,314524703
	Louis Vuitton Bags	How Much Is Plastic Surgery	0,314524703
	Ziprecruiter	Pawnshop	0,320745966
	Suicidal	Xanax	0,321928095
	Cold	Housekeeper Near Me	0,325662754
	Abuse Hotline	Luxury Sofa	0,328703902
	Slot Machine	Zillow Homes For Rent	0,330313399
	Rent The Runway	How To Make Money	0,330658903
	Nail Salon	Ramipril	0,334574283
	Cheap Apartments	Child Protective Services	0,334574283
	Gucci	Hallucinations	0,334574283
	Rolex Watch	Opioids	0,334574283
	Brain Fog	Sleepless	0,341799829
	Indeed	Heartstone	0,345043532
	Sertraline	House Cleaning Services	0,34555161
	Rolls Royce	Violence Hotline	0,34555161
	Prozac	Psychosomatic	0,34555161
	Social media addiction	Auto Insurance	0,345852407
	Cheap Apartments for rent	Work Offer	0,350631997
	Wedding Planner	New Jobs	0,350631997
	Plastic Surgery Near Me	Chanel	0,350631997
	Wedding Ring	Cv Examples	0,351783501
	Fatigue	Psychological Abuse	0,352777156
	Wedding Dress	To Apply For Benefit	0,352777156
	Antidepressants	Distress	0,353075078
	Luxury Bed	PornHub	0,358579305
	Beauty Salon	Gardening Services	0,365293898
	Ice cream	Apply For A Job	0,366171005
	Bovada Sports	Santander Consumer	0,366308203
	Self Esteem	Combread	0,367102656
	Dior	Excessive Anger	0,367970661
	Payday Loans	Job Offer	0,367970661
	Wells Fargo Refinance Rates	Drug addiction	0,367970661
	Lamborghini	Mood Changes	0,367970661
	Work Interview	West Elm Furniture	0,368263204
	Art For Sale	Prada Bags	0,368263204
	Plastic Surgery	Yachts	0,368263204
	Pandemic	Fatigue	0,372113228

How To Rent A Private Jet	-0,307374276	How to be happy	0,372113228
Santander	-0,285529985	Jobs	0,372455856
Excessive Anger	-0,284883898	Louis Vuitton Bags	0,375196207
Epidemic	-0,281584876	Suicidal	0,375196207
Tesla Cars	-0,27909539	Chocolate chip cookies	0,375196207
Protest	-0,272616411	Novogratz Sofa	0,375196207
Kickasstorrents	-0,271962236	Pizza	0,375348677
Sports Car For Sale	-0,267712661	Cheap Flights	0,377098247
Refinance	-0,266511818	Beta blockers	0,377098247
Tiny House For Sale	-0,264843815	Plastic Surgery Near Me	0,384191974
Gold Rolex	-0,253337571	Nervous	0,384534602
Glassdoor	-0,243836076	Stress	0,38619706
Neglect Hotline	-0,239414329	Claim Benefits	0,392774454
Private Jet For Sale	-0,238353129	Luxury Yachts For Sale	0,392774454
Cheap House For Rent	-0,23261794	Insomnia	0,392774454
Work Offer	-0,21861625	Zillow Rent	0,394170267
Drug addiction	-0,215779892	Wedding Ring	0,394170267
Longines Heritage	-0,215199414	Nail Salon	0,395815602
Wedding Dress Rent	-0,211337621	Wedding Dress	0,395815602
Define Emotional Abuse	-0,208329149	Pop Yachts	0,397767727
Cv	-0,205086021	Rent The Runway	0,4
Social Work	-0,201432899	Dentist	0,402471333
Xhamster	0,203871524	Chronic Pain	0,4048532
Can anxiety be cured	0,214256071	Dior	0,4048532
Pop Yachts	0,217450797	Work Interview	0,413954888
piratebay	0,221846225	Enalapril	0,413954888
OnlyFans	0,231268155	Gucci	0,413954888
How to reduce heart rate	0,23523746	Refinance	0,414384629
Lisinopril	0,246987514	Benzodiazepines	0,415193505
Pawnshop	0,263117888	BMW Cars	0,416553314
War	0,275679572	Social Work	0,423710628
Normal heart rate	0,282704918	Pandemic	0,424724934
Depresion	0,284718274	Tiny House For Sale	0,427831439
Online Loans	0,295618718	Perindopril	0,43111402
Violence Hotline	0,297743697	Bovada Sports	0,43696913
Pizza	0,335933503	Gold Rolex	0,43696913
How To Earn Money	0,342944008	Plastic Surgery	0,439353872
Cannot sleep	0,352638075	Cover Letter	0,441796954
Employment Agency	0,352868047	Best Sugar Daddy Websites	0,441796954
Gig Economy	0,369059564	Celexa	0,446057838
How to stop panic attack	0,372267502	Gig Economy	0,446057838
Best Sugar Daddy Websites	0,386262185	Protest	0,44758468
How to reduce stress	0,407863035	Heat Rush	0,4490225
Stress	0,41525714	Online Loans	0,450837427
Xbox	0,41700595	Pancakes	0,45293788
Hydroxyzine	0,429995032	Plastic Surgery Cost	0,45293788
Claim Benefits	0,443740937	Used Cars For Sale Near Me	0,453283384
Xvideos	0,4695292	Antidepressants	0,453283384
Cinnamon buns	0,469580221	Cheap Apartments	0,453283384
Sugar Daddy Websites	0,484253278	Abuse	0,459817922
How To Make Money From Home	0,502666141	Yachts For Sale	0,469554782
Pancakes	0,53456753	Credit Score	0,472661286
Anxiety	0,568187785	Job Opportunities	0,472661286
Recipes	0,594411483	Luxury Bed	0,478808939
uTorrent	0,620281439	Home Refinance Rates	0,479886832
Assistance	0,622723748	Job Vacancies	0,485688981
Alprazolam	0,624948771	Brain Fog	0,492774454
Temporary Job	0,637448814	OnlyFans	0,493422606
Xanax	0,649353617	Buy Paintings	0,493852347
How To Make Money	0,649774169	Abuse Hotline	0,506007579
PornHub	0,652072974	How To Earn Money	0,506007579
To Apply For Benefit	0,655614097	Gardener	0,506007579
Online casino	0,673363923	Assistance	0,507299157
Panic Attack	0,675560173	Hair Salon	0,509185925
Shelter	0,679367402	Online poker	0,509185925
Distress	0,680836465	Nail Spa	0,513233125
Ps4	0,696119069	Beauty Salon	0,513233125
Social Assistance	0,706306535	Severance Pay	0,513233125
Layoff Law	0,737998285	Recipes	0,51989711
Loans	0,749619513	Fortnite Battle Royale	0,546790227
Apply For A Job	0,750068217	Ziprecruiter	0,548882426
Chocolate chip cookies	0,755317481	Cinema	0,556779649
Cornbread	0,768973697	Ps4	0,570950594
Counter Strike	0,780460131	Counter Strike	0,579541329
Employment Office	0,797542352	Buspirone	0,579541329

Minecraft	0,798606529	Virus	0,589176993
Unemployment	0,857784186	Indeed	0,590176027
Online poker	0,866903515	Cinnamon buns	0,6
Severance Package	0,88139277	Lisinopril	0,647944606
Severance Pay	0,896527129	Sertraline	0,648882426
		Loans	0,6490225
		Job Interview	0,674205427
		Epidemic	0,690682255
		Rolex Watch	0,692774454
		Spa	0,697907801
		Minecraft	0,717285704
		Unemployment	0,721928095
		Theatre	0,72451125
		Spa Services	0,758276657

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Table S6. ADF fuller test results.

	Keyword	Adf. test before diff.	Adf. test after diff.
0	Fortnite Battle Royale	0,503554	1,34697E-09
1	Withdrawal From Friends	1,76E-28	2,38227E-10
2	Hallucinations	0,006983	1,87765E-16
3	Wedding Dress	7,75E-10	3,72093E-11
4	Payday Loans	0,00582	0,001028012
5	Credit Score	0,106505	3,13381E-05
6	Social Work	1,23E-08	1,60051E-06
7	Child Protective Services	0,808569	5,02837E-13
8	Gardening Services	0,005621	5,14562E-19
9	Theatre	0,669981	8,41308E-11
10	Shivering	0,005851	1,88724E-19
11	Cinnamon buns	0,00044	1,4676E-16
12	West Elm Furniture	0,066782	1,6173E-18
13	Job Opportunities	0,098166	4,63336E-17
14	Cheap Apartments for rent	0,00363	4,40826E-24
15	Gardener	0,000851	3,31336E-29
16	Chronic Pain	0,001993	2,03666E-12
17	Ziprecruiter	0,01107	3,12174E-28
18	Job Offer	0,17552	1,57805E-18
19	Pop Yachts	0,009568	3,60144E-18
20	Rolls Royce	9,86E-13	3,52596E-09
21	Sports Car For Sale	0,11177	1,26595E-15
22	House Cleaning Services	0,330161	4,1589E-22
23	OnlyFans	0,959951	0,916859078
24	Bovada Sports	5,09E-05	6,47936E-24
25	Suicide Hotline	1,15E-07	1,33648E-10
26	Insomnia	0,094437	6,35852E-19
27	How to reduce stress	0,002533	7,19404E-11
28	Stress	1,01E-08	2,28625E-13
29	Employment Agency	0,447386	1,97336E-05
30	How Much Is Plastic Surgery	0,422043	6,16122E-09
31	Prostitution	7,45E-07	1,92711E-10
32	Cinema	0,518008	1,79667E-10
33	Apex Legends	2,42E-05	3,48088E-12
34	Cold	0,005847	4,6822E-20
35	How to be happy	2,23E-06	8,49526E-08
36	Binance	2,02E-06	3,03045E-06
37	Chanel Bags	0,003584	8,42686E-19
38	Rent The Runway	0,127525	4,14345E-19
39	Prozac	2,23E-08	1,06049E-20
40	Wedding Planner	3,37E-11	1,03339E-14
41	Ps4	4,97E-10	1,6873E-13
42	Ferarri	0,006184	0,019666724
43	Plastic Surgery Near Me	0,641607	8,72596E-10
44	Plastic Surgery Cost	0,001674	4,86757E-08
45	Define Emotional Abuse	9E-27	7,53338E-15
46	How To Earn Money	3,6E-05	1,25673E-12
47	Yachts For Sale	0,002532	7,66244E-21
48	Pancakes	0,002286	6,18861E-12

49	Prada Bags	0,115839	1,3322E-15
50	Buspirone	0,736005	3,65454E-12
51	Sleepless	0,000172	1,40407E-21
52	Ballet	0,008374	5,86479E-18
53	Panic Attack	0,318728	3,23353E-09
54	Job Vacancies	0,004975	5,46324E-14
55	Nail Spa	0,010178	3,22849E-16
56	Tiny House For Sale	0,003426	9,13057E-12
57	Dior	0,982713	4,68949E-10
58	Career Builder	0,070243	8,34902E-24
59	Best Sugar Daddy Websites	1,91E-25	1,67995E-11
60	Auto Insurance	0,211359	9,14794E-09
61	Job Interview	0,016577	3,78066E-16
62	Heartstone	0,412877	2,03156E-08
63	Private Jet For Sale	4,81E-11	6,57221E-11
64	Drug addiction	6,61E-05	2,87125E-29
65	Hydroxyzine	0,950862	1,62278E-16
66	Celexa	0,488348	7,09792E-10
67	Self Esteem	0,000273	2,88106E-27
68	Fatigue	0,000455	4,5487E-13
69	PornHub	0,08333	9,2384E-19
70	CheapOair	0,13405	3,37056E-13
71	Nervous	6,71E-08	1,08416E-12
72	Alprazolam	0,562824	8,23536E-07
73	Severance Pay	0,026638	3,75408E-06
74	Online Loans	0,00335	0,001283163
75	Cleaning Services Near Me	0,728771	8,87302E-22
76	War	3,34E-05	1,12116E-10
77	Layoff Law	1,52E-06	0,001303448
78	New Jobs	0,001197	4,23804E-07
79	How To Trade In A Car	3,12E-05	9,11757E-13
80	Luxury Yachts For Sale	1,08E-05	2,17761E-16
81	Lamborghini	0,017189	4,1374E-26
82	Lisinopril	0,000424	1,53129E-17
83	Apply For A Job	4,91E-05	2,83878E-07
84	Tesla Cars	0,565924	1,56751E-11
85	Severance Package	0,041308	6,42966E-10
86	Xhamster	0,082961	1,46646E-12
87	Escort	0,768088	7,30209E-27
88	Chocolate chip cookies	2,13E-06	2,17905E-16
89	Sertraline	0,366246	1,11558E-09
90	Hair Salon	6,6E-06	2,6568E-26
91	Santander	0,190083	0,003249409
92	Social media addiction	0,000296	2,8438E-16
93	Counter Strike	0,050378	1,88816E-24
94	Psychosomatic	9,11E-19	7,56448E-16
95	Xanax	0,511566	1,10711E-14
96	Walmart Nail Salon	0,004444	1,73632E-13
97	Glassdoor	0,78651	9,94975E-07
98	Abuse	2,78E-08	3,31565E-13
99	Benzodiazepines	1,65E-13	7,57958E-08
100	Abuse Hotline	4,56E-07	7,56885E-15
101	Virus	0,013556	1,32536E-15
102	Beauty Salon	5,9E-05	1,74928E-24
103	Work Interview	1,82E-07	7,71973E-17
104	Duration Of Benefits	1,98E-10	2,25712E-08
105	Rolex Watch	0,001539	4,03872E-15
106	Anxiety	0,043081	3,74799E-15
107	Used Cars For Sale	0,1167	5,32583E-26
108	Used Cars For Sale Near Me	0,195121	2,9083E-22
109	Epidemic	0,000902	8,6393E-25
110	Slot Machine	8,64E-09	1,3607E-14
111	Louis Vuitton Bags	0,005215	1,71676E-06
112	To Apply For Benefit	0,000291	7,2864E-16
113	Shelter	6,31E-08	6,87835E-21
114	Refinance	0,553437	2,00165E-13
115	Excessive Anger	1,84E-27	1,01848E-09

116	Gucci	0,000295	6,95058E-18
117	Mood Changes	2,47E-14	3,05578E-15
118	Cornbread	5,19E-05	3,32573E-14
119	Online casino	0,578326	1,42125E-14
120	Mercedes Cars	0,000339	2,3342E-09
121	How To Become A Sugar Baby	4,97E-06	0,000183508
122	Opioids	0,42522	5,10904E-08
123	Domestic violence	1,42E-06	1,13371E-12
124	Gold Rolex	1,24E-05	2,26495E-14
125	Curriculum Vitae	0,000137	4,47711E-12
126	Social Assistance	3,81E-06	3,00125E-14
127	Make Cv	3,54E-26	3,08891E-14
128	Ramipril	0,008808	4,06691E-10
129	Normal heart rate	0,006199	3,95043E-21
130	Sugar Daddy Websites	0,197681	5,66669E-26
131	Kickasstorrents	0,019349	2,39084E-10
132	Chanel	0,006142	1,16895E-19
133	Depresion	9,92E-05	1,80004E-19
134	Longines Heritage	4,3E-06	4,5098E-08
135	BetUS	0,034356	4,51036E-25
136	Santander Consumer	0,383371	0,000130553
137	Heat Rush	6,98E-05	1,11511E-09
138	Loans Online Same Day	0,345651	2,29218E-12
139	Art For Sale	0,002887	6,75269E-08
140	Versace Bags	0,000146	1,1211E-17
141	Dentist	2,2E-05	8,33517E-17
142	Used Yachts For Sale	0,001162	1,39767E-08
143	Beta blockers	5,86E-07	2,2319E-14
144	Recipes	0,001029	0,000558169
145	Housekeeper jobs	2,01E-05	1,69851E-06
146	Motivational Letter	3,82E-09	6,31525E-12
147	Temporary Job	3,89E-07	1,00102E-06
148	Claim Benefits	0,067735	8,62785E-18
149	Protest	2,14E-18	5,45224E-21
150	Minecraft	0,147762	3,73029E-08
151	Yachts	4,6E-05	1,90691E-19
152	Cheap Flights	0,069387	7,69562E-22
153	Same Day Payday Loans	0,025748	7,11747E-16
154	Indeed	0,006753	8,13002E-20
155	Zillow Homes For Rent	0,002457	2,68679E-29
156	Pandemic	0,015511	0
157	Cheap House For Rent	2,68E-05	5,87432E-27
158	Blood Pressure	0,156652	2,39778E-08
159	Xvideos	0,08495	5,59144E-15
160	Assistance	0,162042	5,3096E-28
161	BMW Cars	0,011755	3,84892E-15
162	How to stop panic attack	2,93E-06	6,12507E-09
163	Ice cream	1,63E-05	7,03844E-05
164	Cover Letter	0,526403	1,34935E-13
165	Antidepressants	9,06E-08	4,22992E-12
166	Nail Salon	0,000882	6,55285E-15
167	Linkedin	0,117256	1,99151E-06
168	Suicidal	0,003693	3,33466E-07
169	Heart Palpitations	1,43E-27	2,39204E-13
170	Luxury Bed	0,135803	6,79277E-18
171	Xbox	0,000207	9,31264E-07
172	Work Offer	0,004566	6,82145E-16
173	Plastic Surgery	0,073101	1,61974E-10
174	Cars For Sale	0,079986	1,05451E-23
175	Addiction	5,84E-06	5,26021E-28
176	Wells Fargo Refinance Rates	0,134323	0,183968343
177	Wedding Ring	5,8E-20	4,84693E-12
178	Luxury Sofa	0,688213	4,30689E-11
179	Can anxiety be cured	6,91E-27	7,21527E-19
180	Pawnshop	0,052524	4,55791E-11
181	Novogratz Sofa	7,02E-05	3,9375E-18
182	How to reduce heart rate	0,00731	5,58055E-10

183	Online Payday Loan Lenders	0,02196	3,89651E-16
184	Home Refinance Rates	0,006744	2,80115E-16
185	Cv Examples	9,26E-11	7,1283E-07
186	piratebay	0,009519	1,08485E-17
187	Cv	2,73E-06	3,53097E-20
188	Cheap Apartments	0,110388	1,74431E-15
189	Loans	7,59E-06	2,29368E-05
190	Obsessive Compulsion	3,78E-25	4,96895E-12
191	Zillow Rent	3,89E-06	3,3546E-10
192	Housekeeper	1,43E-07	3,47842E-08
193	Employment Office	0,194865	3,34677E-17
194	How To Rent A Private Jet	0,436516	1,21014E-13
195	Leauge of Legends	0,000697	5,6389E-13
196	Torrentz	0,308663	2,33132E-22
197	Unemployment	0,218861	7,49177E-07
198	Jobs	0,04	2,39594E-07
199	Spa Services	0,019151	6,65945E-17
200	Brain Fog	0,991272	5,55289E-23
201	Pizza	2,66E-06	0,000868932
202	Monster	1,35E-06	1,26765E-13
203	Spa	0,002433	2,31299E-11
204	Neglect Hotline	7,61E-27	5,67245E-11
205	Online poker	1,84E-10	4,13125E-21
206	Psychological Abuse	4,84E-10	1,98303E-08
207	Buy Paintings	0,000109	1,98409E-19
208	Perindopril	1,35E-17	1,25807E-06
209	BetOnline Sports	5,37E-07	8,07129E-06
210	Enalapril	2,02E-07	2,6863E-17
211	How To Make Money	2,57E-05	2,7864E-15
212	How To Make Money From Home	0,201413	1,98649E-23
213	Cannot sleep	3,9E-23	2,68487E-06
214	Gig Economy	3,58E-05	9,4364E-12
215	Violence Hotline	9,85E-08	1,452E-08
216	uTorrent	0,171265	1,23215E-16
217	Payday Loans Online	0,139505	4,05077E-30
218	Alcohol addiction	1,98E-07	4,4408E-16
219	Housekeeper Near Me	0,424281	1,41937E-08
220	Distress	4,97E-06	1,13039E-17
221	Wedding Dress Rent	0,000289	3,8857E-16
222	IC	0,005246	4,32576E-15

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Table S7. Correlation and MIC results aligned with keywords.

Names	Corr_full	MIC_full	Corr_pre_pand.	MIC_pre_pand.	Corr_pand.	MIC_pand.
Fortnite Battle Royale	0,0181	0,1573	0,0033	0,1644	0,1607	0,5468
Withdrawal From						
Friends	0,0141	0,1243	0,0519	0,1500	-0,0298	0,2650
Hallucinations	0,0445	0,1504	-0,1166	0,1785	0,1744	0,3346
Wedding Dress	-0,0180	0,1553	0,0470	0,1489	-0,4124	0,3958
Payday Loans	-0,0651	0,1587	0,0072	0,1337	-0,3602	0,2813
Credit Score	-0,1476	0,1552	-0,1511	0,1698	-0,5269	0,4727
Social Work	-0,0174	0,1415	-0,0175	0,1469	-0,2014	0,4237
Child Protective						
Services	-0,1131	0,1424	-0,0199	0,1389	-0,5721	0,3346
Gardening Services	0,0207	0,1881	-0,0253	0,1486	0,0846	0,3653
Theatre	-0,2341	0,1645	-0,0605	0,1507	-0,6693	0,7245
Shivering	0,0126	0,1656	0,1243	0,1696	0,1410	0,3113
Cinnamon buns	0,1301	0,1391	0,0762	0,1145	0,4696	0,6000
West Elm Furniture	-0,0533	0,1511	0,0653	0,1632	-0,1870	0,3683
Job Opportunities	-0,0508	0,1826	-0,0181	0,1480	-0,1330	0,4727
Cheap Apartments for rent	-0,0817	0,1365	0,0910	0,1877	-0,4320	0,2922

Gardener	0,0119	0,1198	-0,0359	0,1632	0,1965	0,5060
Chronic Pain	-0,1206	0,1519	-0,1617	0,1679	-0,6697	0,4049
Ziprecruiter	-0,1192	0,1442	-0,0596	0,1501	-0,5074	0,5489
Job Offer	-0,0799	0,1504	-0,0005	0,1517	-0,6425	0,3680
Pop Yachts	-0,0123	0,1683	-0,0587	0,1815	0,2175	0,3978
Rolls Royce	-0,0723	0,1278	0,1192	0,1179	-0,4553	0,2610
Sports Car For Sale	-0,0553	0,1590	-0,0105	0,2335	-0,2677	0,1875
House Cleaning						
Services	-0,0847	0,1339	-0,0387	0,1440	-0,5190	0,3456
OnlyFans	0,0405	0,2575	-0,0274	0,1023	0,2313	0,4934
Bovada Sports	-0,0160	0,1298	0,0566	0,1550	-0,3798	0,4370
Suicide Hotline	-0,0051	0,1272	-0,0207	0,1532	-0,1662	0,2237
Insomnia	0,0464	0,1550	-0,0229	0,1776	0,1929	0,3928
How to reduce stress	0,0679	0,1581	0,1467	0,1912	0,4079	0,2073
Stress	0,0556	0,1624	-0,0681	0,1378	0,4153	0,3862
Employment Agency	0,0205	0,1401	0,0723	0,1871	0,3529	0,2524
How Much Is Plastic						
Surgery	0,0287	0,1453	-0,0564	0,2048	0,1592	0,3145
Prostitution	-0,0083	0,1345	0,0159	0,1424	-0,1036	0,1669
Cinema	-0,1078	0,1710	0,0341	0,1377	-0,6782	0,5568
Apex Legends	-0,0035	0,1611	-0,0624	0,1222	0,0673	0,3098
Cold	-0,0508	0,1422	0,0658	0,1476	-0,4897	0,2524
How to be happy	0,0382	0,1406	0,0203	0,1754	0,0888	0,3721
Binance	-0,0011	0,1053	-0,0500	0,1051		0,0000
Chanel Bags	-0,0601	0,1675	0,0668	0,1568	-0,1923	0,3041
Rent The Runway	-0,1605	0,1192	0,0325	0,1284	-0,4837	0,4000
Prozac	-0,1162	0,1444	0,0106	0,1352	-0,4529	0,2650
Wedding Planner	-0,0881	0,1149	0,0526	0,1222	-0,4295	0,2774
Ps4	0,0858	0,1177	0,0296	0,1358	0,6961	0,5710
Ferarri	-0,0325	0,1342	-0,1521	0,1440	-0,1573	0,1978
Plastic Surgery Near						
Me	-0,0833	0,1663	-0,0715	0,1709	-0,4294	0,3842
Plastic Surgery Cost	-0,0404	0,2014	-0,2179	0,2361	-0,1622	0,4529
Define Emotional						
Abuse	-0,0177	0,1590	-0,0242	0,2433	-0,2083	0,3037
How To Earn Money	0,0807	0,1603	-0,0320	0,1339	0,3429	0,5060
Yachts For Sale	-0,0400	0,1265	-0,0733	0,1235	-0,1092	0,4696
Pancakes	0,2566	0,1959	0,0723	0,1797	0,5346	0,4529
Prada Bags	-0,0473	0,1284	0,0426	0,1153	-0,1706	0,3683
Buspirone	-0,0246	0,1896	0,0627	0,1777	-0,1195	0,5795
Sleepless	0,0226	0,1369	0,1149	0,1212	0,0261	0,3418
Ballet	-0,0409	0,1357	0,0164	0,1297	-0,1894	0,3066
Panic Attack	0,1784	0,1505	0,0152	0,1592	0,6756	0,2727
Job Vacancies	-0,0384	0,1353	-0,0394	0,1783	-0,1460	0,4857
Nail Spa	-0,2323	0,1499	-0,0065	0,2139	-0,6857	0,5132
Tiny House For Sale	-0,0433	0,1766	-0,1156	0,1753	-0,2648	0,4278
Dior	-0,0877	0,1831	0,2016	0,2302	-0,3632	0,4049
Career Builder	-0,0089	0,1253	-0,0323	0,1537	0,0290	0,2734
Best Sugar Daddy						
Websites	0,0530	0,1434	-0,1334	0,1908	0,3863	0,4418
Auto Insurance	0,0428	0,1501	0,0056	0,1303	0,1376	0,3459
Job Interview	-0,1123	0,1552	-0,0243	0,1416	-0,5929	0,6742
Heartstone	0,0267	0,1740	-0,1227	0,1825	0,1024	0,3450
Private Jet For Sale	-0,0420	0,1353	0,0917	0,1870	-0,2384	0,2728
Drug addiction	-0,0581	0,1495	-0,0805	0,1143	-0,2158	0,3680
Hydroxyzine	0,1095	0,1578	0,0015	0,1632	0,4300	0,2759
Celexa	-0,0090	0,1447	-0,0262	0,1952	-0,0225	0,4461
Self Esteem	-0,0640	0,1230	-0,0480	0,1526	-0,3690	0,2341
Fatigue	-0,0533	0,1272	-0,0526	0,1552	-0,4170	0,3721
PornHub	0,1212	0,1304	0,0514	0,1827	0,6521	0,3586
CheapOair	-0,5022	0,1572	-0,0214	0,1345	-0,6866	0,2650
Nervous	0,0151	0,1556	-0,1182	0,1581	0,0360	0,3845
Alprazolam	0,0638	0,1420	-0,0507	0,1198	0,6249	0,2074
Severance Pay	0,3996	0,1422	0,0781	0,1508	0,8965	0,5132
Online Loans	0,0253	0,1494	0,0675	0,1290	0,2956	0,4508
Cleaning Services Near						
Me	-0,1119	0,1261	0,0109	0,1276	-0,6174	0,2759

War	0,0133	0,1510	-0,1529	0,2350	0,2757	0,2795
Layoff Law	0,4149	0,1507	0,1988	0,1920	0,7380	0,3041
New Jobs	-0,0151	0,1364	0,0034	0,1481	0,0485	0,3506
How To Trade In A Car	-0,0216	0,1533	0,0209	0,1711	0,0210	0,2452
Luxury Yachts For Sale	-0,0382	0,1811	0,0216	0,2221	-0,1407	0,3928
Lamborghini	-0,0794	0,1307	-0,0941	0,1434	-0,3470	0,2018
Lisinopril	0,0094	0,1525	0,0193	0,2020	0,2470	0,6479
Apply For A Job	0,1297	0,1572	-0,0861	0,1485	0,7501	0,3662
Tesla Cars	-0,0712	0,1375	-0,0965	0,1293	-0,2791	0,2090
Severance Package	0,1906	0,1415	0,0288	0,2039	0,8814	0,2650
Xhamster	0,0099	0,1356	0,1087	0,1058	0,2039	0,2000
Escort	-0,0213	0,1336	0,0513	0,1423	0,1427	0,2907
Chocolate chip cookies	0,2591	0,1488	0,0275	0,1243	0,7553	0,3752
Sertraline	-0,0737	0,1545	0,0718	0,2042	-0,4575	0,6489
Hair Salon	-0,3059	0,1698	-0,0604	0,2042	-0,7624	0,5092
Santander	0,0076	0,1206	0,0572	0,1352	-0,2855	0,1449
Social media addiction	-0,0909	0,1589	-0,0982	0,1797	-0,4358	0,2813
Counter Strike	0,2002	0,1484	-0,1296	0,1273	0,7805	0,5795
Psychosomatic	0,0113	0,1813	0,0100	0,1448	-0,0792	0,3456
Xanax	0,0772	0,1272	-0,0675	0,1385	0,6494	0,3219
Walmart Nail Salon	-0,0450	0,1312	0,1014	0,1722	0,0831	0,2490
Glassdoor	-0,0576	0,1503	-0,0348	0,1649	-0,2438	0,2922
Abuse	-0,0379	0,1564	-0,0325	0,1214	-0,1310	0,4598
Benzodiazepines	-0,0449	0,1537	-0,0761	0,1416	-0,1300	0,4152
Abuse Hotline	-0,0461	0,1514	0,0825	0,1721	-0,4863	0,5060
Virus	0,0004	0,2449	-0,1044	0,1273	-0,0475	0,5892
Beauty Salon	-0,1775	0,1311	-0,0126	0,1225	-0,3935	0,5132
Work Interview	-0,0721	0,1627	-0,0178	0,1753	-0,3367	0,4140
Duration Of Benefits	-0,0216	0,1439	-0,0298	0,1872	-0,1813	0,3103
Rolex Watch	-0,0845	0,1889	0,0921	0,1696	-0,4732	0,6928
Anxiety	0,1132	0,1402	-0,0306	0,1460	0,5682	0,3031
Used Cars For Sale	-0,2142	0,1570	-0,0040	0,1260	-0,7103	0,3110
Used Cars For Sale						
Near Me	-0,1861	0,1642	0,0509	0,1114	-0,5388	0,4533
Epidemic	-0,2253	0,2505	-0,2532	0,1774	-0,2816	0,6907
Slot Machine	-0,0048	0,1658	-0,0114	0,1927	-0,4855	0,2865
Louis Vuitton Bags	-0,0940	0,1520	-0,0430	0,1351	-0,5075	0,3752
To Apply For Benefit	0,2642	0,1705	0,0580	0,1712	0,6556	0,3528
Shelter	0,6306	0,1356	0,1739	0,1414	0,6794	0,2941
Refinance	-0,1872	0,1525	-0,0578	0,1079	-0,2665	0,4144
Excessive Anger	-0,0381	0,1406	0,0365	0,1253	-0,2849	0,3680
Gucci	-0,0403	0,1531	0,0419	0,1434	-0,4753	0,4140
Mood Changes	-0,0070	0,1175	-0,0185	0,1463	0,0070	0,3680
Cornbread	0,0101	0,1721	0,0200	0,1699	0,7690	0,3671
Online casino	0,0580	0,1665	0,0076	0,1746	0,6734	0,3145
Mercedes Cars	-0,0110	0,1381	-0,0497	0,1354	-0,0621	0,1452
How To Become A						
Sugar Baby	0,0216	0,1719	-0,0136	0,1867	0,1878	0,3123
Opioids	-0,0293	0,1466	-0,0434	0,1822	-0,1356	0,3346
Domestic violence	-0,0114	0,1574	-0,0414	0,1928	-0,1341	0,2766
Gold Rolex	-0,0809	0,1210	0,0911	0,1365	-0,2533	0,4370
Curriculum Vitae	0,0059	0,1434	-0,1195	0,1534	0,1985	0,3041
Social Assistance	0,1917	0,1219	-0,0714	0,1691	0,7063	0,2610
Make Cv	0,0215	0,1588	0,0449	0,2234	0,1153	0,2755
Ramipril	-0,0092	0,1342	0,1077	0,1770	-0,0338	0,3346
Normal heart rate	0,0621	0,1361	0,0339	0,1103	0,2827	0,2444
Sugar Daddy Websites	0,0331	0,1531	0,1527	0,1505	0,4843	0,3113
Kickasstorrents	-0,0151	0,1490	0,2667	0,1791	-0,2720	0,2090
Chanel	-0,0553	0,1424	-0,0085	0,1565	-0,1978	0,3506
Depresion	0,0412	0,1165	-0,1650	0,1409	0,2847	0,2524
Longines Heritage	-0,0399	0,1274	-0,1091	0,1378	-0,2152	0,3000
BetUS	-0,1158	0,1404	0,1088	0,1342	-0,5485	0,2344
Santander Consumer	0,0592	0,1250	0,0037	0,1640	0,0501	0,3663
Heat Rush	-0,0405	0,1594	-0,0243	0,1486	0,0501	0,4490
Loans Online Same						
Day	-0,0208	0,1539	0,0723	0,1796	0,1077	0,2759
Art For Sale	-0,0725	0,1409	0,0614	0,1600	-0,3353	0,2865

Versace Bags	-0,0089	0,1396	0,0704	0,1305	0,0473	0,2646
Dentist	-0,1600	0,1714	-0,0223	0,1627	-0,8338	0,4025
Used Yachts For Sale	-0,0301	0,1421	0,1016	0,1762	-0,1281	0,3031
Beta blockers	-0,0376	0,1232	0,0405	0,1300	-0,1298	0,3771
Recipes	0,1635	0,1665	0,0794	0,1478	0,5944	0,5199
Housekeeper jobs	-0,0679	0,1674	-0,0203	0,1825	-0,6187	0,2813
Motivational Letter	0,0011	0,1539	0,0757	0,1731	0,0327	0,2452
Temporary Job	0,1732	0,1296	0,1260	0,1312	0,6374	0,2511
Claim Benefits	0,3939	0,1752	0,0410	0,1724	0,4437	0,3928
Protest	-0,0104	0,1384	-0,0626	0,1270	-0,2726	0,4476
Minecraft	0,3196	0,1813	0,0057	0,1337	0,7986	0,7173
Yachts	-0,0331	0,1580	-0,1154	0,1491	0,0081	0,3683
Cheap Flights	-0,5478	0,1835	0,0109	0,1054	-0,6611	0,3771
Same Day Payday						
Loans	-0,0029	0,1392	-0,0165	0,1814	0,1861	0,2365
Indeed	-0,0979	0,1380	-0,0380	0,1455	-0,4586	0,5902
Zillow Homes For Rent	-0,2038	0,1846	0,0539	0,1534	-0,7377	0,3303
Pandemic	-0,2283	0,3194	-0,0809	0,0460	-0,3099	0,4247
Cheap House For Rent	-0,0283	0,1494	0,0657	0,1672	-0,2326	0,2714
Blood Pressure	-0,0433	0,1361	-0,0570	0,1338	-0,1931	0,3031
Xvideos	0,0629	0,1511	0,0995	0,1692	0,4695	0,2452
Assistance	0,2693	0,1244	0,2223	0,1537	0,6227	0,5073
BMW Cars	-0,0442	0,1288	0,0165	0,1513	-0,1897	0,4166
How to stop panic						
attack	0,0766	0,1620	0,0019	0,2196	0,3723	0,3031
Ice cream	-0,0678	0,1295	-0,0753	0,1226	-0,3921	0,2281
Cover Letter	-0,1023	0,1481	-0,0606	0,1666	-0,5196	0,4418
Antidepressants	-0,1097	0,1678	0,1045	0,1828	-0,3995	0,4533
Nail Salon	-0,1779	0,1653	0,0232	0,1310	-0,4826	0,3958
Linkedin	-0,0195	0,1403	-0,0250	0,1446	-0,1859	0,2646
Suicidal	-0,0662	0,1449	-0,0778	0,1342	-0,4900	0,3752
Heart Palpitations	-0,0073	0,1428	0,2595	0,1874	0,0043	0,2500
Luxury Bed	-0,0563	0,1531	0,1865	0,1618	-0,3962	0,4788
Xbox	0,0761	0,1775	0,1333	0,2316	0,4170	0,2989
Work Offer	-0,0068	0,1731	-0,0041	0,1581	-0,2186	0,3506
Plastic Surgery	0,0050	0,1388	-0,0189	0,1332	-0,3269	0,4394
Cars For Sale	-0,0386	0,1483	-0,1082	0,1529	-0,0612	0,3031
Addiction	-0,0861	0,1775	-0,0020	0,1420	-0,1674	0,1966
Wells Fargo Refinance						
Rates	-0,1909	0,1483	0,0279	0,1716	-0,3524	0,2092
Wedding Ring	-0,0409	0,1654	-0,0188	0,1248	-0,4182	0,3942
Luxury Sofa	-0,0091	0,1280	0,0455	0,1686	0,0797	0,3287
Can anxiety be cured	0,0450	0,1332	-0,0497	0,1824	0,2143	0,2524
Pawnshop	0,0568	0,1758	0,0713	0,1656	0,2631	0,3207
Novogratz Sofa	0,0035	0,1424	0,2177	0,1637	0,0943	0,3752
How to reduce heart						
rate	0,0253	0,1395	0,0155	0,1574	0,2352	0,2390
Online Payday Loan						
Lenders	0,0027	0,2063	-0,2495	0,2428	0,0992	0,2018
Home Refinance Rates	-0,4234	0,1415	0,1549	0,1851	-0,5247	0,4799
Cv Examples	-0,0348	0,1540	0,0570	0,2112	-0,0714	0,3518
piratebay	0,0611	0,1354	0,3159	0,2039	0,2218	0,2092
Cv	-0,0346	0,1897	-0,0414	0,1359	-0,2051	0,2713
Cheap Apartments	-0,0960	0,1570	0,0498	0,1701	-0,4784	0,4533
Loans	0,0492	0,1718	-0,0663	0,1329	0,7496	0,6490
Obsessive Compulsion	0,0105	0,1589	0,0512	0,1611	0,0376	0,3031
Zillow Rent	-0,2692	0,1910	-0,0496	0,1421	-0,5838	0,3942
Housekeeper	0,0099	0,1534	0,0377	0,1402	0,0978	0,1778
Employment Office	0,3129	0,1350	-0,1165	0,1388	0,7975	0,3103
How To Rent A Private						
Jet	-0,0656	0,1729	-0,1078	0,1849	-0,3074	0,2583
Leauge of Legends	0,0423	0,1253	0,0993	0,1865	0,0794	0,3123
Torrentz	0,0093	0,1531	0,1952	0,1748	-0,1386	0,2718
Unemployment	0,7965	0,2180	-0,0074	0,1049	0,8578	0,7219
Jobs	-0,0085	0,1553	-0,0017	0,1396	0,1611	0,3725
Spa Services	-0,0523	0,1763	0,1279	0,2011	-0,1701	0,7583
Brain Fog	-0,0822	0,1381	-0,0604	0,1515	-0,4650	0,4928

Pizza	0,0528	0,1059	0,0168	0,1186	0,3359	0,3753
Monster	-0,0145	0,1220	-0,1157	0,1410	-0,0814	0,2646
Spa	-0,3181	0,1551	0,0094	0,1307	-0,8264	0,6979
Neglect Hotline	-0,0644	0,1451	0,0580	0,1397	-0,2394	0,2524
Online poker	0,1000	0,1916	0,0837	0,1012	0,8669	0,5092
Psychological Abuse	0,0175	0,1727	0,0163	0,2023	0,1045	0,3528
Buy Paintings	-0,0022	0,1420	-0,1641	0,1623	0,0264	0,4939
Perindopril	0,0302	0,1561	0,1574	0,2033	0,0086	0,4311
BetOnline Sports	-0,0093	0,1383	-0,0584	0,1534	0,0473	0,3031
Enalapril	-0,0074	0,1641	0,0384	0,1674	-0,1667	0,4140
How To Make Money	0,1404	0,1329	0,0771	0,1455	0,6498	0,3307
How To Make Money						
From Home	0,1351	0,1463	0,0151	0,1625	0,5027	0,2524
Cannot sleep	0,0468	0,1162	-0,0650	0,1704	0,3526	0,3000
Gig Economy	0,2207	0,1180	-0,0008	0,1258	0,3691	0,4461
Violence Hotline	0,0510	0,1458	-0,0159	0,1211	0,2977	0,3456
uTorrent	0,1341	0,1410	0,1869	0,1483	0,6203	0,2656
Payday Loans Online	-0,0263	0,1660	0,0458	0,1593	0,0572	0,2728
Alcohol addiction	-0,0148	0,1626	-0,0953	0,1753	-0,0476	0,2090
Housekeeper Near Me	-0,0470	0,1592	-0,1042	0,1563	-0,1598	0,3257
Distress	0,1272	0,1761	-0,0642	0,2598	0,6808	0,3531
Wedding Dress Rent	-0,0462	0,1591	0,2489	0,2187	-0,2113	0,2650

Supplementary material Nr. 8

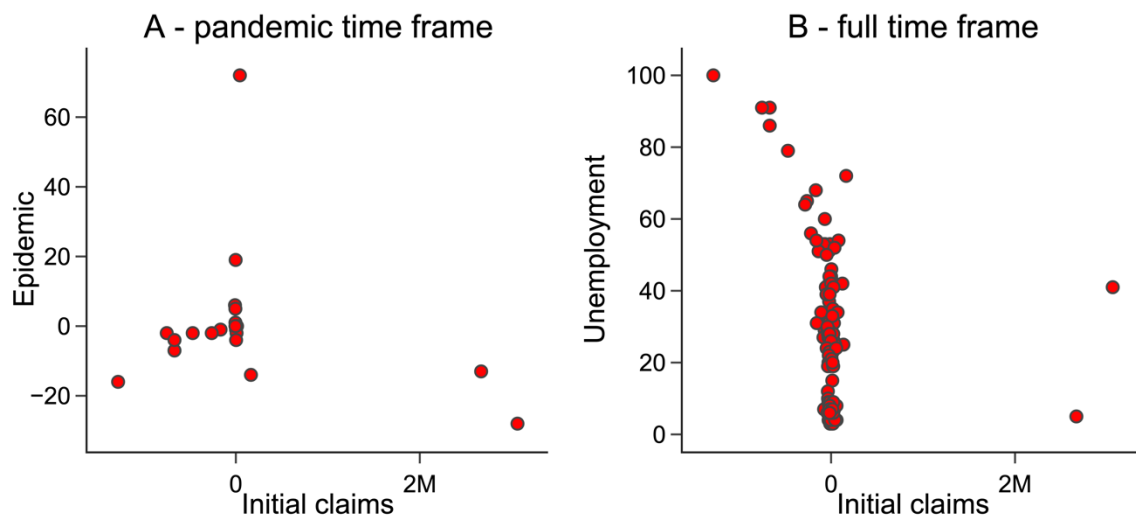


Figure S1. Scatter plots of Epidemic and unemployment variables for pandemic and full-time frames.