

BAB V

PENUTUP

5.1. Kesimpulan

Berdasarkan hasil penelitian dan analisis ekspor Indonesia dengan pendekatan *gravity model*, maka diperoleh kesimpulan sebagai berikut :

1. GDP *per capita* top 20 negara ekspor Indonesia berpengaruh positif dan signifikan terhadap ekspor Indonesia menuju top 20 negara tersebut. Hasil koefisien yang elastis menunjukkan bahwa GDP *per capita* di top 20 negara tujuan ekspor sangat sensitif dalam mempengaruhi ekspor Indonesia. GDP *per capita* menunjukkan daya beli masyarakat suatu negara, tingginya GDP *per capita* mitra dagang memacu Indonesia untuk meningkatkan ekspornya menuju mitra dagangnya tersebut.
2. Populasi masyarakat top 20 negara ekspor Indonesia berpengaruh positif dan signifikan terhadap ekspor Indonesia menuju top 20 negara tersebut. Hasil koefisien variabel populasi tidak elastis, sehingga populasi masyarakat di 20 negara tujuan ekspor tidak sensitif dalam mempengaruhi ekspor Indonesia. Hal ini disebabkan karena populasi masyarakat yang bertambah terjadi di negara – negara miskin. Populasi masyarakat menunjukkan ukuran pangsa pasar dalam perdagangan, semakin besar pangsa pasar tujuan ekspor Indonesia mendorong Indonesia untuk meningkatkan ekspor menuju negara tersebut.

3. Jarak antara Indonesia dengan masing – masing 20 negara ekspor Indonesia berpengaruh negatif dan signifikan terhadap ekspor Indonesia menuju 20 negara tersebut. Hasil koefisien yang elastis menunjukkan variabel jarak sangat sensitif dalam mempengaruhi ekspor Indonesia. Faktor jarak merupakan representasi dari adanya biaya transportasi dalam sebuah perdagangan. Semakin jauh jarak yang ditempuh, semakin besar pula biaya perdagangan yang harus ditanggung oleh eksportir. Untuk meminimalkan besarnya biaya yang ditanggung, maka dibentuklah pola perdagangan yang terintegrasi dalam suatu kawasan.

5.2. Saran

Berdasarkan hasil penelitian dan analisis ekspor Indonesia dengan pendekatan *gravity model*, maka saran yang diberikan adalah sebagai berikut :

1. Pentingnya memperhatikan perekonomian negara – negara mitra dagang khususnya *GDP per capita*. Hal ini dilakukan untuk mengetahui besarnya daya beli masyarakat akan suatu barang. Semakin besar *GDP per capita* menggambarkan konsumsi masyarakat yang tinggi dan selanjutnya juga mengindikasikan kemampuan impor yang tinggi dari negara mitra dagang Indonesia tersebut. Kondisi inilah yang perlu dimanfaatkan oleh pemerintah Indonesia dalam meningkatkan ekspornya menuju negara - negara mitra dagangnya, agar diperoleh peningkatan nilai ekspor yang tinggi.
2. Pemerintah Indonesia perlu meningkatkan ekspor menuju negara – negara dengan populasi masyarakat yang besar, seperti Amerika, China dan lain – lain. Hal ini berguna untuk meningkatkan perdagangan yang terjadi di

negara – negara dengan pangsa pasar yang besar tersebut, yang selanjutnya akan meningkatkan nilai ekspor Indonesia menuju negara – negara mitra dagang utama Indonesia.

3. Pentingnya perdagangan antar negara yang telah terintegrasi dapat meminimalkan biaya perdagangan. Dengan adanya perdagangan antar negara dalam suatu kawasan dapat meningkatkan kerjasama internasional. Hasil dari kerjasama internasional ini, akan membuahkan hasil berupa berkurangnya hambatan – hambatan dalam perdagangan, seperti adanya kebijakan tarif, peraturan *antidumping*, kuota dan lain – lain.
4. Bagi peneliti selanjutnya diharapkan dapat menggunakan variabel yang berbeda untuk meningkatkan kemampuan memproyeksikan kinerja ekspor, serta permodelan yang lebih kompleks dan struktural yang dapat memprediksikan dengan baik faktor – faktor yang mempengaruhi kinerja ekspor Indonesia dalam perdagangan internasional.

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LAMPIRAN 1 DATA

EKSPOR, GDP *PER CAPITA* (GDPP), POPULASI

(POP) DAN JARAK

TAHUN 2001 – 2018

NEGARA	TAHUN	LNEKSPOR	LNGDPP	LNPOP	LNJARAK
AUS	2001	7,520173795	10,51714689	2,964551156	8,5961256
	2002	7,562349295	10,54683112	2,975784636	8,5961256
	2003	7,490865869	10,56194183	2,987044645	8,5961256
	2004	7,542933888	10,59287166	2,998029633	8,5961256
	2005	7,708683762	10,60808394	3,011211844	8,5961256
	2006	7,927063501	10,62044916	3,026649376	8,5961256
	2007	8,129928629	10,64453879	3,045284052	8,5961256
	2008	8,321414192	10,64930783	3,066936033	8,5961256
	2009	8,09077756	10,64998046	3,084932919	8,5961256
	2010	8,353355022	10,65962714	3,098830232	8,5961256
	2011	8,627397363	10,67124765	3,114492609	8,5961256
	2012	8,49809458	10,69141022	3,132358871	8,5961256
	2013	8,382628613	10,69655812	3,14836752	8,5961256
	2014	8,52380779	10,70803433	3,162940193	8,5961256
	2015	8,22061043	10,71788619	3,177428635	8,5961256
	2016	8,073689098	10,72854594	3,194173212	8,5961256
	2017	7,827713375	10,73640907	3,20983508	8,5961256
	2018	7,937401965	10,74838174	3,225573346	8,5961256
BGD	2001	5,37346148	7,478214916	4,903272776	8,2341282
	2002	5,504146696	7,508770723	4,92002472	8,2341282
	2003	5,58269045	7,549140634	4,935811168	8,2341282
	2004	5,640731405	7,59381742	4,95042517	8,2341282
	2005	5,867319403	7,641569242	4,963788241	8,2341282
	2006	6,060051288	7,69579437	4,975829886	8,2341282
	2007	6,451422176	7,748037156	4,98673187	8,2341282
	2008	6,728659494	7,791444304	4,997009551	8,2341282

	2009	6,661554308	7,832922498	5,00731646	8,2341282
	2010	6,926195668	7,8806834	5,018107309	8,2341282
	2011	7,216648882	7,932171899	5,029535554	8,2341282
	2012	7,021395827	7,980964286	5,041455436	8,2341282
	2013	6,973973186	8,027388407	5,053662855	8,2341282
	2014	7,228111916	8,078306761	5,063967508	8,2341282
	2015	7,201017394	8,134180139	5,074279666	8,2341282
	2016	7,144160966	8,19341682	5,084585635	8,2341282
	2017	7,375641209	8,256210173	5,094896782	8,2341282
	2018	7,543297351	8,320331233	5,105199741	8,2341282
CHN	2001	7,696517321	8,283910917	7,15169704	8,5604211
	2002	7,973481949	8,364554701	7,158148172	8,5604211
	2003	8,243421937	8,453857147	7,164155641	8,5604211
	2004	8,43483999	8,544205064	7,170027231	8,5604211
	2005	8,804228125	8,645371783	7,175918084	8,5604211
	2006	9,029246621	8,759652977	7,181196429	8,5604211
	2007	9,177353511	8,887267363	7,186363811	8,5604211
	2008	9,361902309	8,973853189	7,19144439	8,5604211
	2009	9,350043814	9,056996866	7,196311969	8,5604211
	2010	9,66094525	9,153009943	7,201103767	8,5604211
	2011	10,0406812	9,238973503	7,205894979	8,5604211
	2012	9,983199559	9,310055382	7,210847995	8,5604211
	2013	10,02577099	9,38024094	7,21576925	8,5604211
	2014	9,776007504	9,445495495	7,220973511	8,5604211
	2015	9,61877809	9,507259897	7,225932608	8,5604211
2016	9,728586473	9,566565515	7,231800621	8,5604211	
2017	10,0453905	9,626633314	7,237116578	8,5604211	

	2018	10,20828233	9,686435411	7,240922059	8,5604211
ESP	2001	6,806384793	10,35443259	3,707848401	9,4082326
	2002	6,904109342	10,36682652	3,723860423	9,4082326
	2003	6,929945379	10,37974068	3,74232543	9,4082326
	2004	6,730390532	10,39530251	3,757915658	9,4082326
	2005	7,094636554	10,41328535	3,776501062	9,4082326
	2006	7,403135527	10,43832546	3,792360705	9,4082326
	2007	7,55287903	10,45578491	3,81189323	9,4082326
	2008	7,417781589	10,45050604	3,828271763	9,4082326
	2009	7,512321332	10,40579681	3,836609566	9,4082326
	2010	7,753063633	10,40175029	3,840784758	9,4082326
	2011	7,794766134	10,38800041	3,844514746	9,4082326
	2012	7,63494186	10,35762599	3,845156443	9,4082326
	2013	7,501327663	10,34412352	3,841450315	9,4082326
	2014	7,569225389	10,36078549	3,838484102	9,4082326
	2015	7,300667359	10,39759978	3,837514953	9,4082326
	2016	7,36472147	10,4290332	3,837277907	9,4082326
	2017	7,606847538	10,45823838	3,837471858	9,4082326
	2018	7,718049946	10,48232597	3,838354937	9,4082326
GER	2001	7,167793225	10,55339732	4,400823855	9,2857994
	2002	7,146674773	10,55292046	4,401571876	9,2857994
	2003	7,25613356	10,5460312	4,401204067	9,2857994
	2004	7,41130676	10,55411779	4,400075274	9,2857994
	2005	7,485256158	10,56433383	4,398601018	9,2857994
	2006	7,613669691	10,60442283	4,396594999	9,2857994
	2007	7,747602594	10,63975045	4,394362731	9,2857994
	2008	7,810011748	10,65069667	4,391531322	9,2857994

	2009	7,752192947	10,59697553	4,388045982	9,2857994
	2010	8,001244673	10,63808009	4,385582804	9,2857994
	2011	8,103086284	10,67472759	4,385470697	9,2857994
	2012	8,03105235	10,67973361	4,387349941	9,2857994
	2013	7,966733259	10,68300321	4,390081606	9,2857994
	2014	7,945048192	10,70037589	4,394239256	9,2857994
	2015	7,88751544	10,70645199	4,40289487	9,2857994
	2016	7,878034035	10,71972409	4,410966313	9,2857994
	2017	7,889632417	10,74025299	4,414699515	9,2857994
	2018	7,904634405	10,75191231	4,41746617	9,2857994
HKG	2001	7,162651418	10,43045234	1,906575144	8,0901464
	2002	7,124690318	10,44755132	1,905980613	8,0901464
	2003	7,076043778	10,4719634	1,911614431	8,0901464
	2004	7,235247431	10,5504455	1,916628451	8,0901464
	2005	7,308097949	10,61584356	1,922495291	8,0901464
	2006	7,440281118	10,6741285	1,932100954	8,0901464
	2007	7,430976178	10,7318459	1,937013549	8,0901464
	2008	7,500406284	10,74923307	1,940754022	8,0901464
	2009	7,655314413	10,71967835	1,945338557	8,0901464
	2010	7,824610426	10,77723377	1,953311265	8,0901464
	2011	8,075708659	10,81615091	1,961502244	8,0901464
	2012	7,876206072	10,8243974	1,970045115	8,0901464
	2013	7,898505569	10,84939281	1,975607638	8,0901464
	2014	7,929329441	10,87083445	1,981415176	8,0901464
	2015	7,63016802	10,886631	1,989243274	8,0901464
	2016	7,670833845	10,8989831	1,998367052	8,0901464
	2017	7,782358461	10,93178073	2,003235216	8,0901464

	2018	7,847455819	10,95222904	2,012633781	8,0901464
IND	2001	6,960290326	7,8737234	6,953808367	8,5168389
	2002	7,171626255	7,89551794	6,970345027	8,5168389
	2003	7,463069061	7,955828375	6,986483277	8,5168389
	2004	7,68271595	8,015608076	7,002265139	8,5168389
	2005	7,964971694	8,088920967	7,017739091	8,5168389
	2006	8,128818279	8,162342297	7,032915481	8,5168389
	2007	8,505910981	8,240965269	7,047795444	8,5168389
	2008	8,876731106	8,264556461	7,062371565	8,5168389
	2009	8,913670365	8,331670517	7,076653815	8,5168389
	2010	9,201807969	8,41536421	7,090626685	8,5168389
	2011	9,498200413	8,465960948	7,104308418	8,5168389
	2012	9,433189021	8,505711529	7,117683896	8,5168389
	2013	9,475109645	8,554546778	7,13075482	8,5168389
	2014	9,413196281	8,612961448	7,143822953	8,5168389
	2015	9,368456421	8,676817435	7,156894009	8,5168389
	2016	9,220678956	8,742277259	7,169965685	8,5168389
	2017	9,552764362	8,798433561	7,183035769	8,5168389
	2018	9,527023512	8,853512559	7,19610213	8,5168389
ITA	2001	6,433355762	10,51053421	4,042366823	9,2895008
	2002	6,580500429	10,51234646	4,043033724	9,2895008
	2003	6,73886836	10,51033365	4,046553898	9,2895008
	2004	6,828560336	10,51863022	4,053956501	9,2895008
	2005	6,916248361	10,52047967	4,061563073	9,2895008
	2006	7,100860099	10,53601997	4,065876498	9,2895008
	2007	7,235078111	10,54682166	4,069710281	9,2895008
	2008	7,550073245	10,52785443	4,078113549	9,2895008

	2009	7,409452619	10,46447269	4,085118802	9,2895008
	2010	7,770846149	10,47686676	4,089449266	9,2895008
	2011	8,060952714	10,47852693	4,093544242	9,2895008
	2012	7,730618647	10,4463338	4,09714065	9,2895008
	2013	7,66323636	10,42323	4,102808641	9,2895008
	2014	7,734958177	10,41987369	4,107310145	9,2895008
	2015	7,535357284	10,42885818	4,107523997	9,2895008
	2016	7,360178824	10,44212686	4,105383409	9,2895008
	2017	7,569236451	10,45922899	4,104113358	9,2895008
	2018	7,560667191	10,46974467	4,102378867	9,2895008
JPN	2001	9,473487053	10,43211675	4,845225917	8,6641685
	2002	9,396414504	10,43119006	4,847331743	8,6641685
	2003	9,518082026	10,44452089	4,849166793	8,6641685
	2004	9,677973041	10,46554521	4,849949977	8,6641685
	2005	9,800853303	10,48189706	4,850090885	8,6641685
	2006	9,986546767	10,49604228	4,850043917	8,6641685
	2007	10,07039072	10,51236142	4,850130022	8,6641685
	2008	10,23076969	10,5018756	4,849621114	8,6641685
	2009	9,829557356	10,44729998	4,848516285	8,6641685
	2010	10,15742462	10,48801976	4,848853348	8,6641685
	2011	10,42568911	10,48501299	4,850709079	8,6641685
	2012	10,31344614	10,50203885	4,848524125	8,6641685
	2013	10,20678182	10,52356392	4,846805702	8,6641685
	2014	10,0504264	10,52897909	4,845131522	8,6641685
	2015	9,798923768	10,54225193	4,844013843	8,6641685
	2016	9,686487011	10,54846157	4,843872076	8,6641685
2017	9,786437432	10,56925249	4,842185084	8,6641685	

	2018	9,877138034	10,57932096	4,840194876	8,6641685
KOR	2001	8,235483383	9,977214666	3,857989117	8,5738918
	2002	8,32050202	10,04312731	3,863777693	8,5738918
	2003	8,371880037	10,06685392	3,868948476	8,5738918
	2004	8,482639104	10,1107269	3,872928684	8,5738918
	2005	8,865824889	10,14709351	3,875047769	8,5738918
	2006	8,948136407	10,1923076	3,88028463	8,5738918
	2007	8,933629158	10,24044896	3,885350434	8,5738918
	2008	9,117876255	10,26075527	3,892942118	8,5738918
	2009	9,005185174	10,26265878	3,89808634	8,5738918
	2010	9,439437429	10,32062132	3,903062984	8,5738918
	2011	9,704353486	10,34908674	3,910762211	8,5738918
	2012	9,619123969	10,36649489	3,916015027	8,5738918
	2013	9,343338292	10,39049332	3,920566406	8,5738918
	2014	9,270606651	10,41708004	3,926852503	8,5738918
	2015	8,942404703	10,4393272	3,932119707	8,5738918
	2016	8,854941783	10,46368631	3,936637566	8,5738918
	2017	9,010300019	10,48979479	3,940688205	8,5738918
	2018	9,162462326	10,51206846	3,944741858	8,5738918
MLY	2001	7,483596549	9,667486699	3,183165742	7,0683389
	2002	7,61576516	9,695277563	3,207895764	7,0683389
	2003	7,768046977	9,727855968	3,231594597	7,0683389
	2004	8,011702634	9,7706365	3,254436	7,0683389
	2005	8,140694393	9,797363968	3,276276432	7,0683389
	2006	8,3213626	9,838401682	3,289595205	7,0683389
	2007	8,536223658	9,889529592	3,299533728	7,0683389
	2008	8,769126617	9,918438232	3,317815773	7,0683389

	2009	8,826415139	9,88587282	3,335128802	7,0683389
	2010	9,144449732	9,940572814	3,353022028	7,0683389
	2011	9,305272899	9,975733328	3,369431479	7,0683389
	2012	9,330811787	10,01372486	3,384729189	7,0683389
	2013	9,274873531	10,03602739	3,408305393	7,0683389
	2014	9,185942569	10,078115	3,424555771	7,0683389
	2015	8,944031036	10,11234433	3,439969276	7,0683389
	2016	7,406565316	10,13946559	3,454232492	7,0683389
	2017	9,043993811	10,1845373	3,466454395	7,0683389
	2018	9,152363886	10,21943852	3,477695353	7,0683389
NED	2001	7,31202287	10,6665947	2,775459597	9,337998
	2002	7,389174997	10,66235974	2,781858128	9,337998
	2003	7,245280101	10,65923834	2,786553263	9,337998
	2004	7,494163884	10,6753692	2,790060203	9,337998
	2005	7,711343373	10,69329831	2,79239135	9,337998
	2006	7,831362403	10,72573878	2,793983219	9,337998
	2007	7,919159712	10,76056444	2,796183171	9,337998
	2008	8,275479353	10,77815347	2,800082287	9,337998
	2009	7,975590293	10,73569513	2,805176912	9,337998
	2010	8,222138709	10,74388768	2,810305902	9,337998
	2011	8,543343579	10,75458269	2,81498947	9,337998
	2012	8,447693229	10,74050864	2,818696721	9,337998
	2013	8,320196576	10,73631841	2,821616953	9,337998
	2014	8,290187577	10,74683483	2,825240469	9,337998
	2015	8,143837602	10,76196865	2,829500578	9,337998
	2016	8,08792172	10,77817307	2,834976495	9,337998
	2017	8,303525679	10,80002058	2,841414913	9,337998

	2018	8,268261421	10,82215386	2,844327819	9,337998
PAK	2001	5,18533902	8,125974125	4,944210551	8,643223
	2002	5,579321063	8,136796235	4,964032735	8,643223
	2003	5,581175426	8,158272871	4,988730459	8,643223
	2004	6,030435087	8,210863664	5,008299234	8,643223
	2005	6,45239588	8,277597544	5,027361298	8,643223
	2006	6,598644683	8,315703494	5,045809369	8,643223
	2007	6,840559798	8,351731112	5,063670404	8,643223
	2008	6,834803454	8,360195463	5,103882742	8,643223
	2009	6,500215929	8,342642166	5,125034834	8,643223
	2010	6,534060737	8,347232523	5,145923476	8,643223
	2011	6,841630143	8,362196487	5,166555835	8,643223
	2012	7,231109329	8,379518369	5,186882886	8,643223
	2013	7,255194139	8,395655867	5,206914543	8,643223
	2014	7,623297	8,415536918	5,226767658	8,643223
	2015	7,595670519	8,435740156	5,246339627	8,643223
	2016	7,609981572	8,46111584	5,265587542	8,643223
	2017	7,782429274	8,494520088	5,284522656	8,643223
	2018	7,811109326	8,526890025	5,303105883	8,643223
PHI	2001	6,702924399	8,369449278	4,364244465	7,934545
	2002	6,656979964	8,383984033	4,385520524	7,934545
	2003	6,850892791	8,412756693	4,405254761	7,934545
	2004	7,120924299	8,457275445	4,425564937	7,934545
	2005	7,257792531	8,48380599	4,445705411	7,934545
	2006	7,248268491	8,515048894	4,465563232	7,934545
	2007	7,524929785	8,559309708	4,485372623	7,934545
	2008	7,627355134	8,591803323	4,493568009	7,934545

	2009	7,785664428	8,585709416	4,511079263	7,934545
	2010	8,064870229	8,642049817	4,528289142	7,934545
	2011	8,215824997	8,66107533	4,545207845	7,934545
	2012	8,218149044	8,701439561	4,569543008	7,934545
	2013	8,247210256	8,752334876	4,586904377	7,934545
	2014	8,26560688	8,794908258	4,603969465	7,934545
	2015	8,274165885	8,837125102	4,620649757	7,934545
	2016	8,569951227	8,88721487	4,637056375	7,934545
	2017	8,798940945	8,935778518	4,653198155	7,934545
	2018	8,82841505	8,980061424	4,669083512	7,934545
SGP	2001	8,5874337	10,8175921	1,420212579	6,7868757
	2002	8,584680573	10,84971973	1,429353851	6,7868757
	2003	8,594090834	10,90786279	1,414638834	6,7868757
	2004	8,699710587	10,98654702	1,427196352	6,7868757
	2005	8,966558532	11,03526169	1,45067662	6,7868757
	2006	9,097154788	11,08886208	1,481831788	6,7868757
	2007	9,259284552	11,13440244	1,523662135	6,7868757
	2008	9,462036019	11,09890557	1,576708088	6,7868757
	2009	9,236267842	11,06269387	1,607035028	6,7868757
	2010	9,526847889	11,18682559	1,624720536	6,7868757
	2011	9,822488489	11,2291034	1,645576959	6,7868757
	2012	9,748879919	11,24639048	1,669968412	6,7868757
	2013	9,722342023	11,27853402	1,686213751	6,7868757
	2014	9,729542023	11,30588309	1,699278616	6,7868757
	2015	9,445402772	11,31876081	1,711091566	6,7868757
	2016	9,381009339	11,33383325	1,724015817	6,7868757
	2017	9,454679016	11,37148609	1,724907162	6,7868757

	2018	9,472057715	11,39859293	1,729706745	6,7868757
TWN	2001	7,690737588	10,1939596	3,10932878	8,2494196
	2002	7,634085995	10,24307849	3,114448207	8,2494196
	2003	7,711163888	10,2797449	3,118171121	8,2494196
	2004	7,956566374	10,33904174	3,121880226	8,2494196
	2005	7,814001524	10,38820952	3,12544388	8,2494196
	2006	7,913815976	10,43826923	3,130132039	8,2494196
	2007	7,86200852	10,49783239	3,13366646	8,2494196
	2008	8,056651494	10,50142832	3,137101619	8,2494196
	2009	8,126252884	10,48205294	3,140698044	8,2494196
	2010	8,484167369	10,58125304	3,142513005	8,2494196
	2011	8,792529492	10,61588549	3,145229285	8,2494196
	2012	8,739140464	10,63240624	3,14913982	8,2494196
	2013	8,676322192	10,65172004	3,151624294	8,2494196
	2014	8,767967996	10,68856945	3,154187959	8,2494196
	2015	8,524636717	10,69411528	3,156659938	8,2494196
	2016	6,844289158	10,70709055	3,158701102	8,2494196
	2017	7,675547615	10,7360825	3,160017143	8,2494196
	2018	8,450243843	10,76070936	3,161373823	8,2494196
THA	2001	6,969434685	9,165334638	4,136765278	7,747798
	2002	7,112614039	9,219272363	4,142499604	7,747798
	2003	7,238951229	9,282997721	4,148201235	7,747798
	2004	7,588949437	9,338165263	4,154027564	7,747798
	2005	7,717110354	9,37355386	4,159664028	7,747798
	2006	7,901580466	9,416278353	4,165424144	7,747798
	2007	8,024297848	9,463476806	4,17115127	7,747798
	2008	8,205560427	9,47473872	4,17699924	7,747798

	2009	8,081417234	9,462146013	4,182660643	7,747798
	2010	8,4265175	9,528811557	4,188441886	7,747798
	2011	8,682145935	9,532786124	4,192831509	7,747798
	2012	8,800135213	9,598491793	4,19705156	7,747798
	2013	8,709773606	9,620958182	4,201104099	7,747798
	2014	8,670742193	9,627165378	4,204692619	7,747798
	2015	8,617960648	9,654447821	4,208268309	7,747798
	2016	8,593051786	9,684195325	4,21153483	7,747798
	2017	8,773716184	9,720834941	4,214347355	7,747798
	2018	8,827460614	9,759189839	4,216458945	7,747798
UK	2001	7,23207931	10,44437622	4,079450866	9,368948
	2002	7,132814035	10,46479534	4,083721672	9,368948
	2003	7,035135261	10,49308979	4,088276187	9,368948
	2004	7,166467352	10,51106187	4,093510881	9,368948
	2005	7,163542185	10,53437016	4,101204314	9,368948
	2006	7,267098785	10,55270218	4,108033769	9,368948
	2007	7,282187038	10,56978267	4,116089746	9,368948
	2008	7,343981945	10,55811555	4,124291639	9,368948
	2009	7,285744686	10,50767837	4,131335227	9,368948
	2010	7,434354154	10,51666306	4,139317928	9,368948
	2011	7,449924662	10,5246464	4,147648334	9,368948
	2012	7,436473011	10,53239857	4,154263052	9,368948
	2013	7,399278581	10,54638011	4,160537963	9,368948
	2014	7,413733302	10,56779972	4,16816797	9,368948
	2015	7,331118108	10,58310917	4,176078147	9,368948
	2016	7,371728538	10,59261491	4,184307136	9,368948
	2017	7,249635458	10,60472641	4,190260619	9,368948

	2018	7,290366762	10,61218126	4,196690539	9,368948
US	2001	8,956908694	10,72817799	5,653246788	9,7032741
	2002	8,93201273	10,73566445	5,66302645	9,7032741
	2003	8,907393312	10,75449367	5,67240532	9,7032741
	2004	9,081038259	10,78268703	5,681499374	9,7032741
	2005	9,199198084	10,80796802	5,690747892	9,7032741
	2006	9,328935245	10,82665479	5,700209432	9,7032741
	2007	9,362563349	10,83534568	5,710105774	9,7032741
	2008	9,478834579	10,82469796	5,719386759	9,7032741
	2009	9,295515633	10,79032558	5,728065247	9,7032741
	2010	9,568145972	10,80798279	5,73572355	9,7032741
	2011	9,710971155	10,81628218	5,742814067	9,7032741
	2012	9,609799569	10,83142776	5,749911959	9,7032741
	2013	9,664032433	10,8428104	5,756782811	9,7032741
	2014	9,714749999	10,8598202	5,763996032	9,7032741
	2015	9,696889895	10,88099661	5,771223031	9,7032741
	2016	9,691037766	10,88942374	5,778348675	9,7032741
	2017	9,7875435	10,90487099	5,784827757	9,7032741
	2018	9,823998974	10,92683646	5,791036045	9,7032741
VIE	2001	5,774697184	7,91520212	4,365465249	8,0141089
	2002	5,973546473	7,970460558	4,378608299	8,0141089
	2003	6,148730727	8,026709265	4,393201463	8,0141089
	2004	6,39857748	8,087812369	4,407109415	8,0141089
	2005	6,519803214	8,156197498	4,411488345	8,0141089
	2006	6,958452436	8,212557549	4,422580593	8,0141089
	2007	7,211671898	8,27059164	4,433420549	8,0141089
	2008	7,422315938	8,315032943	4,444050277	8,0141089

	2009	7,28223449	8,35701505	4,454637952	8,0141089
	2010	7,573644586	8,408774671	4,465137707	8,0141089
	2011	7,763952605	8,458924043	4,475516978	8,0141089
	2012	7,729160751	8,499092355	4,486487996	8,0141089
	2013	7,783590513	8,541249504	4,497139442	8,0141089
	2014	7,804331643	8,588631603	4,50786602	8,0141089
	2015	7,915778499	8,642487502	4,518664136	8,0141089
	2016	8,021466901	8,692139283	4,52927138	8,0141089
	2017	8,185204015	8,74781908	4,53948968	8,0141089
	2018	8,430313426	8,806287766	4,549393171	8,0141089

LAMPIRAN 2 HASIL ESTIMASI *COMMON EFFECT MODEL*

Dependent Variable: EKSPOR

Method: Panel Least Squares

Date: 11/06/19 Time: 10:47

Sample: 2001 2018

Periods included: 18

Cross-sections included: 20

Total panel (balanced) observations: 360

Variable	Coefficient	Std. Error	t-Statistic	Prob.
GDPP	1.233289	0.041925	29.41678	0.0000
POP	0.836481	0.032016	26.12668	0.0000
JARAK	-1.057583	0.048804	-21.67015	0.0000
C	1.388751	0.436456	3.181883	0.0016
R-squared	0.724668	Mean dependent var	8.105958	
Adjusted R-squared	0.722347	S.D. dependent var	1.050982	
S.E. of regression	0.553792	Akaike info criterion	1.666992	
Sum squared resid	109.1799	Schwarz criterion	1.710171	
Log likelihood	-296.0586	Hannan-Quinn criter.	1.684161	
F-statistic	312.3274	Durbin-Watson stat	0.169472	
Prob(F-statistic)	0.000000			

LAMPIRAN 3 HASIL ESTIMASI KOEFISIEN KORELASI

	LNGDPP	LNJARAK	LNPOP
LNGDPP	1.000.000	0.216830	-0.591741
LNJARAK	0.216830	1.000.000	0.333313
LNPOP	-0.591741	0.333313	1.000.000

LAMPIRAN 4 HASIL ESTIMASI UJI GLEJSER

Dependent Variable: RESABS

Method: Panel Least Squares

Date: 11/06/19 Time: 10:59

Sample: 2001 2018

Periods included: 18

Cross-sections included: 20

Total panel (balanced) observations: 360

Variable	Coefficient	Std. Error	t-Statistic	Prob.
GDPP	-0.032433	0.024335	-1.332768	0.1835
JARAK	0.118707	0.028328	4.190447	0.0000
POP	-0.029871	0.018584	-1.607371	0.1089
C	-0.120769	0.253340	-0.476708	0.6339
R-squared	0.050833	Mean dependent var	0.442295	
Adjusted R-squared	0.042835	S.D. dependent var	0.328561	
S.E. of regression	0.321447	Akaike info criterion	0.579081	
Sum squared resid	36.78482	Schwarz criterion	0.622260	
Log likelihood	-100.2345	Hannan-Quinn criter.	0.596249	
F-statistic	6.355299	Durbin-Watson stat	0.466007	
Prob(F-statistic)	0.000331			

LAMPIRAN 5 HASIL ESTIMASI *WEIGHTED LEAST SQUARE*

Dependent Variable: EKSPOR

Method: Panel EGLS (Cross-section weights)

Date: 11/06/19 Time: 10:51

Sample: 2001 2018

Periods included: 18

Cross-sections included: 20

Total panel (balanced) observations: 360

Linear estimation after one-step weighting matrix

Variable	Coefficient	Std. Error	t-Statistic	Prob.
GDPP	1.284367	0.028286	45.40656	0.0000
POP	0.884443	0.020895	42.32823	0.0000
JARAK	-1.092026	0.031570	-34.59024	0.0000
C	0.945271	0.306563	3.083454	0.0022

Weighted Statistics

R-squared	0.868342	Mean dependent var	10.64378
Adjusted R-squared	0.867233	S.D. dependent var	5.585718
S.E. of regression	0.547177	Sum squared resid	106.5875
F-statistic	782.6614	Durbin-Watson stat	0.240632
Prob(F-statistic)	0.000000		

Unweighted Statistics

R-squared	0.722058	Mean dependent var	8.105958
Sum squared resid	110.2148	Durbin-Watson stat	0.167083

LAMPIRAN 6 *RESIDUAL PLOT*

LNEKSPOR, LNGDPP, LNPOP, LNJARAK

TAHUN 2001 - 2018













