

LAMPIRAN

Lampiran 1 Klasifikasi Empirical Trade Analysis (ETA)

Product group A: primary products (83 sectors)

Product group B: natural-resource intensive products (21 sectors)

Product group C: unskilled-labor intensive products (26 sectors)

Product group D: technology intensive products (62 sectors)

Product group E: human-capital intensive products (43 sectors)

Sectors not classified according to intensity (5 sectors)

PRODUCT GROUP A: PRIMARY PRODUCTS

ETA Code Description

001 Live animals chiefly for food

011 Meat, edible meat offal, fresh, chilled or frozen

012 Meat & edible offal, salted, in brine, dried/smoked

014 Meat & edible offal, prepared, preserved, nes; fish extracts

022 Milk and cream

023 Butter

024 Cheese and curd

025 Eggs and yolks, fresh, dried or otherwise preserved

034 Fish, fresh (live or dead), chilled or frozen

035 Fish, dried, salted or in brine; smoked fish

036 Crustaceans and molluscs, fresh, chilled, frozen etc.

037 Fish, crustaceans and molluscs, prepared or preserved

041 Wheat (including spelt) and meslin, unmilled

- 042 Rice*
- 043 Barley, unmilled*
- 044 Maize (corn), unmilled*
- 045 Cereals, unmilled (no wheat, rice, barley or maize)*
- 046 Meal and flour of wheat and flour of meslin*
- 047 Other cereal meals and flours*
- 048 Cereal prepared & preserved of flour of fruits or veg.*
- 054 Vegetable, fresh, chilled, frozen/preserved.; roots, tubers*
- 056 Vegetable roots & tubers, prepared/preserved n.e.s.*
- 057 Fruit & nuts (not includ. oil nuts), fresh or dried*
- 058 Fruit, preserved, and fruit preparations*
- 061 Sugar and honey*
- 062 Sugar confectionery and other sugar preparations*
- 071 Coffee and coffee substitutes*
- 072 Cocoa*
- 073 Chocolate & other food preptns. containing cocoa*
- 074 Tea and mate*
- 075 Spices*
- 081 Feed. stuff for animals (not incl.unmilled cereals)*
- 091 Margarine and shortening*
- 098 Edible products and preparations n.e.s.*
- 111 Non-alcoholic beverages, n.e.s.*
- 112 Alcoholic beverages*
- 121 Tobacco, unmanufactured; tobacco refuse*
- 122 Tobacco manufactured 211 hides and skins (except fur skins), raw*
- 212 Furskins, raw (includ. astrakhan, caracul, etc.)*
- 222 Oil seeds and oleaginous fruit, whole or broken*

- 223 Oils seeds and oleaginous fruit, whole or broken*
- 232 Natural rubber latex; nat rubber & sim. nat. gums*
- 233 Synth. rub. lat.; synth. rubb. & reclaimed; waste scrap*
- 244 Cork, natural, raw & waste (includ.in blocks/sheets)*
- 245 Fuel wood (excluding wood waste) and wood charco.*
- 246 Pulpwood (including chips and wood waste)*
- 247 Other wood in the rough or roughly squared*
- 248 Wood, simply worked, and railway sleepers of wood*
- 251 Pulp and waste paper*
- 261 Silk*
- 263 Cotton*
- 264 Jute & other textile bast fibres, nes, raw/processed*
- 265 Vegetable textile fibres and waste of such fibres*
- 266 Synthetic fibres suitable for spinning*
- 267 Other man-made fibres suitable for spinning & waste*
- 268 Wool and other animal hair (excluding wool tops)*
- 269 Old clothing and other old textile articles; rags*
- 271 Fertilizers, crude*
- 273 Stone, sand and gravel*
- 274 Sulphur and unroasted iron pyrites*
- 277 Natural abrasives, n.e.s (incl.industrial diamonds)*
- 278 Other crude minerals*
- 281 Iron ore and concentrates*
- 282 Waste and scrap metal of iron or steel*
- 286 Ores and concentrates of uranium and thorium*
- 287 Ores and concentrates of base metals, n.e.s.*
- 288 Non-ferrous base metal waste and scrap, n.e.s.*

289 *Ores & concentrates of precious metals; waste, scra*

291 *Crude animal materials, n.e.s.*

292 *Crude vegetable materials, n.e.s.*

322 *Coal, lignite and peat*

323 *Briquettes; coke and semi-coke of coal, lignite/peat*

333 *Petrol. oils & crude oils obt.from bitumin.minerals*

334 *Petroleum products, refined*

335 *Residual petroleum products, nes. & relat. materials*

341 *Gas, natural and manufactured*

351 *Electric current*

411 *Animal oils and fats*

423 *Fixed vegetable oils, soft, crude, refined/purified*

424 *Other fixed vegetable oils, fluid or solid, crude*

431 *Animal & vegetable oils and fats, processed & waxes*

941 *Animals, live, n.e.s., incl. zoo-animals*

PRODUCT GROUP B: NATURAL-RESOURCE INTENSIVE PRODUCTS

ETA CODE DESCRIPTION

524 *Radio-active and associated materials*

611 *Leather*

612 *Manufactures of leather/of composition leather nes.*

613 *Furskins,tanned/dressed,pieces/cuttings of furskin*

633 *Cork manufactures*

634 *Veneers, plywood, improved or reconstituted wood*

635 *Wood manufactures, n.e.s.*

661 *Lime, cement, and fabricated construction materials*

662 *Clay construct. materials & refractory constr. mate*

- 663 Mineral manufactures, n.e.s
- 667 Pearls, precious & semi-prec.stones, unwork./worked
- 671 Pig iron, spiegeleisen, sponge iron, iron or steel
- 681 Silver, platinum & oth.metals of the platinum group
- 682 Copper
- 683 Nickel
- 684 Aluminium
- 685 Lead
- 686 Zinc
- 687 Tin
- 688 Uranium depleted in u235 & thorium, & their alloys
- 689 Miscell. non-ferrous base metals employ.in metallgy

PRODUCT GROUP C: UNSKILLED-LABOUR INTENSIVE PRODUCTS
ETA CODE DESCRIPTION

- 651 Textile yarn
- 652 Cotton fabrics, woven
- 653 fabrics, woven, of man-made fibres
- 654 Textil.fabrics, woven, oth.than cotton/man-made fibr
- 655 Knitted or crocheted fabrics
- 656 Tulle, lace, embroidery, ribbons,& other small wares
- 657 Special textile fabrics and related products
- 658 Made-up articles, wholly/chiefly of text.materials
- 659 Floor coverings, etc.
- 664 Glass
- 665 Glassware
- 666 Pottery

- 793 Ships, boats and floating structures
- 812 Sanitary, plumbing, heating, lighting fixtures
- 821 Furniture and parts thereof
- 831 Travel goods, handbags, brief-cases, purses, sheaths
- 842 Outer garments, mens, of textile fabrics
- 843 Outer garments, womens, of textile fabrics
- 844 Under garments of textile fabrics
- 845 Outer garments and other articles, knitted
- 846 Under garments, knitted or crocheted
- 847 Clothing accessories of textile fabrics
- 848 Art.of apparel & clothing accessories, no textile
- 851 Footwear
- 894 Baby carriages, toys, games and sporting goods
- 895 Office and stationery supplies, n.e.s.

PRODUCT GROUP D: TECHNOLOGY INTENSIVE PRODUCTS
ETA CODE DESCRIPTION

- 511 Hydrocarbons nes, & their halogen & etc.derivatives
- 512 Alcohols, phenols, phenol-alcohols, & their derivat.
- 513 Carboxylic acids, & their anhydrides, halides,etc.
- 514 Nitrogen
- 515 Organo-inorganic and heterocyclic compounds
- 516 Other organic chemicals
- 522 Inorganic chemical elements, oxides & halogen salts
- 523 Other inorganic chemicals
- 541 Medicinal and pharmaceutical products

- 562 Fertilizers, manufactured
- 572 Explosives and pyrotechnic products
- 582 Condensation, polycondensation & polyaddition prod
- 583 Polymerization and copolymerization products
- 584 Regenerated cellulose; cellulose nitrate, etc.
- 585 Other artificial resins and plastic materials
- 591 Disinfectants, insecticides, fungicidesweed killers
- 592 Starches, inulin &wheat gluten; albuminoidal subst.
- 598 Miscellaneous chemical products, n.e.s.
- 711 Steam & other vapour generating boilers & parts
- 712 Steam & other vapour power units, steam engines
- 713 Internal combustion piston engines & parts
- 714 Engines & motors, non-electric
- 716 Rotating electric plant and parts
- 718 Other power generating machinery and parts
- 721 Agricultural machinery and parts
- 722 Tractors fitted or not with power take-offs, etc.
- 723 Civil engineering & contractors plant and parts
- 724 Textile & leather machinery and parts
- 725 Paper & pulp mill mach., mach for manuf.of paper
- 726 Printing & bookbinding mach. and parts
- 727 Food processing machines and parts
- 728 Mach.& equipment specialized for particular ind.
- 736 Mach.tools for working metal or met.carb., parts
- 737 Metal working machinery and parts
- 741 Heating & cooling equipment and parts
- 742 Pumps for liquids.liq.elevators and parts

- 743 Pumps & compressors,fans & blowers,centrifuges
- 744 Mechanical handling equip.and parts
- 745 Other non-electrical mach.tools,apparatus & parts
- 749 Non-electric parts and accessories of machines
- 751 Office machines
- 752 Automatic data processing machines & units thereof
- 759 Parts of and accessories suitable for 751--or 752-
- 764 Telecommunications equipment and parts
- 771 Electric power machinery and parts thereof
- 772 Elect.app. such as switches, relays, fuses, pwgs etc.
- 773 Equipment for distributing electricity
- 774 Electric apparatus for medical purposes,(radiolog)
- 775 Household type, elect. & non-electrical equipment
- 776 Thermionic, cold & photo-cathode valves, tubes, parts
- 778 Electrical machinery and apparatus, n.e.s.
- 792 Aircraft & associated equipment and parts
- 871 Optical instruments and apparatus
- 872 Medical instruments and appliances
- 873 Meters and counters,n.e.s.
- 874 Measuring, checking, analysing instruments
- 881 Photographic apparatus and equipment, n.e.s.
- 882 Photographic & cinematographic supplies
- 883 Cinematograph film, exposed-developed, neg.or pos.
- 884 Optical goods, n.e.s.
- 893 Articles of materials described in division 58
- 951 Armoured fighting vehicles,arms of war & ammunit.

PRODUCT GROUP E: HUMAN-CAPITAL INTENSIVE PRODUCTS
ETA CODE DESCRIPTION

- 531 Synth.org.dyestuffs, etc.nat.indigo & colour lakes
- 532 Dyeing & tanning extracts; synth.tanning materials
- 533 Pigments, paints, varnishes & related materials
- 551 Essential oils, perfume and flavor materials
- 553 Perfumery, cosmetics and toilet preparations
- 554 Soap, cleansing and polishing preparations
- 621 Materials of rubber (e.g.,pastes.plates,sheets,etc)
- 625 Rubber tyres, tyre cases, etc.for wheels
- 628 Articles of rubber, n.e.s.
- 641 Paper and paperboard
- 642 Paper and paperboard, cut to size or shape
- 672 Ingots and other primary forms, of iron or steel
- 673 Iron and steel bars, rods, angles.shapes & sections
- 674 Universals, plates and sheets, of iron or steel
- 675 Hoop & strip, of iron/steel, hot-rolled/cold-rolled
- 676 Rails and railway track construction material
- 677 Iron/steel wire/wheth/not coated, but not insulated
- 678 Tubes, pipes and fittings, of iron or steel
- 679 Iron & steel castings, forgings & stampings; rough
- 691 Structures& parts of struc.; iron, steel, alumunium
- 692 Metal containers for storage and transport
- 693 Wire products and fencing grills
- 694 Nails, screws, nuts,bolts etc.of iron. steel, copper
- 695 Tools for use in hand or in machines
- 696 Cutlery

- 697 Household equipment of base metal, n.e.s.
- 699 Manufactures of base metal, n.e.s.
- 761 Television receivers
- 762 Radio-broadcast receivers
- 763 Gramophones, dictating, sound recorders etc
- 781 Passenger motor cars, for transport of pass.& good
- 782 Motor vehicles for transport of goods/materials
- 783 Road motor vehicles, n.e.s. 784 parts & accessories of 722-,781--,782-,783-
- 785 Motorcycles, motor scooters, invalid carriages
- 786 Trailers & other vehicles, not motorized
- 791 Railway vehicles & associated equipment
- 885 Watches and clocks
- 892 Printed matter
- 896 Art, collectors pieces & antiques
- 897 Jewellery, goldsmiths and other art. of precious m.
- 898 Musical instruments, parts and accessories
- 899 Other miscellaneous manufactured articles

**3-DIGIT SECTORS NOT CLASSIFIED
ETA CODE DESCRIPTION**

- 911 Postal packages not classified according to kind
- 931 Special transactions & commod., not class.to kind
- 961 Coin (other than gold) not being legal tender
- 971 Gold, non-monetary
- 999 Non-identified products

Lampiran 2 Tabel Perubahan Keunggulan Komparatif Indonesia tahun 2008 dan 2017

Tahun		2008			2017				
No	Kode	Komoditi	RCA	RSCA	No	Kode	Komoditi	RCA	RSCA
1	267	<i>Other man-made fibres suitable for spinning & waste</i>	166.9	0.99	1	267	<i>Other man-made fibres suitable for spinning & waste</i>	164.9	0.99
2	322	<i>Coal, lignite and peat</i>	117.4	0.98	2	322	<i>Coal, lignite and peat</i>	66.27	0.97
3	72	<i>Cocoa</i>	16.01	0.88	3	245	<i>Fuel wood (excluding wood waste) and wood charco</i>	36.05	0.95
4	424	<i>Other fixed vegetable oils, fluid or solid, crude</i>	13.33	0.86	4	251	<i>Pulp and waste paper</i>	32.33	0.94
5	245	<i>Fuel wood (excluding wood waste) and wood charco</i>	10.01	0.82	5	232	<i>Natural rubber latex; nat rubber & sim. nat. gums</i>	11.46	0.84
6	232	<i>Natural rubber latex; nat rubber & sim. nat. gums</i>	6.49	0.73	6	424	<i>Other fixed vegetable oils, fluid or solid, crude</i>	8.13	0.78
7	71	<i>Coffee and coffee substitutes</i>	5.34	0.68	7	335**	<i>Residual petroleum products, nes. & relat. materials</i>	7.14	0.75
8	266*	<i>Synthetic fibres suitable for spinning</i>	5.17	0.68	8	37	<i>Fish, crustaceans and molluscs, prepared or preserved</i>	7.02	0.75

Lanjutan Lampiran 2

Tahun		2008			2017				
No	Kode	Komoditi	RCA	RSCA	No	Kode	Komoditi	RCA	RSCA
9	121*	<i>Tobacco, unmanufactured; tobacco refuse</i>	4.04	0.6	9	431	<i>Animal & vegetable oils and fats, processed & waxes</i>	5.07	0.67
10	91	<i>Margarine and shortening</i>	3.08	0.51	10	71	<i>Coffee and coffee substitutes</i>	4.59	0.64
11	251	<i>Pulp and waste paper</i>	3.07	0.51	11	36	<i>Crustaceans and molluscs, fresh, chilled, frozen etc.</i>	3.54	0.56
12	74	<i>Tea and mate</i>	2.72	0.46	12	223**	<i>Oils seeds and oleaginous fruit, whole or broken</i>	2.74	0.47
13	233*	<i>Synth. rub. lat.; synth. rubb. & reclaimed; waste scrap</i>	2.50	0.43	13	74	<i>Tea and mate</i>	2.50	0.43
14	37	<i>Fish, crustaceans and molluscs, prepared or preserved</i>	2.34	0.4	14	75**	<i>Spices</i>	2.27	0.39
15	36	<i>Crustaceans and molluscs, fresh, chilled, frozen etc.</i>	1.93	0.32	15	287**	<i>Ores and concentrates of base metals, n.e.s.</i>	2.09	0.35
16	246*	<i>Pulpwood (including chips and wood waste)</i>	1.70	0.26	16	72	<i>Cocoa</i>	1.57	0.22

Lanjutan Lampiran 2

Tahun		2008			2017				
No	Kode	Komoditi	RCA	RSCA	No	Kode	Komoditi	RCA	RSCA
17	44*	<i>Maize (corn), unmilled</i>	1.58	0.23	17	91	<i>Margarine and shortening</i>	1.38	0.16
18	431	<i>Animal & vegetable oils and fats, processed & waxes</i>	1.5	0.2	18	98	<i>Edible products and preparations n.e.s.</i>	1.05	0.03
19	411*	<i>Animal oils and fats</i>	1.38	0.16					
20	34*	<i>Fish, fresh (live or dead), chilled or frozen</i>	1.35	0.15					
21	35*	<i>Fish, dried, salted or in brine; smoked fish</i>	1.28	0.12					
22	288*	<i>Non-ferrous base metal waste and scrap, n.e.s.</i>	1.13	0.06					
23	98	<i>Edible products and preparations n.e.s</i>	1.1	0.05					
24	292*	<i>Crude vegetable materials, n.e.s.</i>	1.04	0.02					
25	22*	<i>Milk and cream</i>	1.04	0.02					
26	277*	<i>Natural abrasives, n.e.s (incl.industrial diamonds)</i>	1.01	0					

Sumber : UN-COMTRADE, diolah peneliti

Catatan :

* tidak terdapat pada peringkat SITC produk primer keunggulan komparatif tahun 2017

** tidak terdapat pada peringkat SITC produk primer keunggulan komparatif tahun 2008

Lampiran 3 Tabel Perubahan Keunggulan Komparatif Malaysia tahun 2008 dan 2017

Tahun		2008			2017				
No	Kode	Komoditi	RCA	RSCA	No	Kode	Komoditi	RCA	RSCA
1	424	<i>Other fixed vegetable oils, fluid or solid, crude</i>	11.5	0.84	1	246**	<i>Pulpwood (including chips and wood waste)</i>	40.3	0.95
2	246	<i>Pulpwood (including chips and wood waste)</i>	8.96	0.8	2	264**	<i>Jute & other textile bast fibres, nes, raw/processed</i>	18	0.89
3	91*	<i>Margarine and shortening</i>	6.56	0.74	3	266	<i>Synthetic fibres suitable for spinning</i>	9.73	0.81
4	232	<i>Natural rubber latex; nat rubber & sim. nat. gums</i>	6.08	0.72	4	247	<i>Other wood in the rough or roughly squared</i>	8.93	0.8
5	431	<i>Animal & vegetable oils and fats, processed & waxes</i>	4.54	0.64	5	248	<i>Wood, simply worked, and railway sleepers of wood</i>	7.54	0.77
6	248	<i>Wood, simply worked, and railway sleepers of wood</i>	4.4	0.63	6	35	<i>Fish, dried, salted or in brine; smoked fish</i>	6.64	0.74
7	233	<i>Synth. rub. lat.; synth. rubb. & reclaimed; waste scrap</i>	3.87	0.59	7	23**	<i>Butter</i>	6.55	0.74
8	269	<i>Old clothing and other old textile articles; rags</i>	3.35	0.54	8	269	<i>Old clothing and other old textile articles; rags</i>	5.65	0.7

Lanjutan Lampiran 3

Tahun		2008			2017				
No	Kode	Komoditi	RCA	RSCA	No	Kode	Komoditi	RCA	RSCA
9	14	<i>Meat & edible offal, prepared, preserved, nes; fish extracts</i>	2.43	0.42	9	424	<i>Other fixed vegetable oils, fluid or solid, crude</i>	4.82	0.66
10	266	<i>Synthetic fibres suitable for spinning</i>	1.94	0.32	10	14	<i>Meat & edible offal, prepared, preserved, nes; fish extracts</i>	4	0.6
11	35	<i>Fish, dried, salted or in brine; smoked fish</i>	1.76	0.28	11	334**	<i>Petroleum products, refined</i>	3.8	0.58
12	48	<i>Cereal prepared & preserved of flour of fruits or veg</i>	1.62	0.24	12	121**	<i>Tobacco, unmanufactured; tobacco refuse</i>	2.68	0.46
13	289*	<i>Ores & concentrates of precious metals; waste, scra</i>	1.54	0.21	13	233	<i>Synth. rub. lat.; synth. rubb. & reclaimed; waste scrap</i>	2.68	0.46
14	223*	<i>Oils seeds and oleaginous fruit, whole or broken</i>	1.54	0.21	14	431	<i>Animal & vegetable oils and fats, processed & waxes</i>	2.63	0.45
15	112*	<i>Alcoholic beverages</i>	1.36	0.15	15	72**	<i>Cocoa</i>	2.35	0.4
16	98	<i>Edible products and preparations n.e.s</i>	1.09	0.04	16	98	<i>Edible products and preparations n.e.s</i>	2.25	0.39

Lanjutan Lampiran 3

Tahun		2008			2017				
No	Kode	Komoditi	RCA	RSCA	No	Kode	Komoditi	RCA	RSCA
17	247	<i>Other wood in the rough or roughly squared</i>	1.09	0.04	17	232	<i>Natural rubber latex; nat rubber & sim. nat. gums</i>	1.72	0.26
18	81*	<i>Feed. stuff for animals (not incl.unmilled cereals)</i>	1.09	0.04	18	268**	<i>Wool and other animal hair (excluding wool tops)</i>	1.7	0.26
19					19	351	<i>Electric current</i>	1.57	0.22
20					20	111**	<i>Non-alcoholic beverages, n.e.s.</i>	1.46	0.19
21					21	22**	<i>Milk and cream</i>	1.44	0.18
22					22	282**	<i>Waste and scrap metal of iron or steel</i>	1.42	0.17
23					23	278**	<i>Other crude minerals</i>	1.15	0.07

Sumber : UN-COMTRADE, diolah peneliti

Catatan :

* tidak terdapat pada peringkat SITC produk primer keunggulan komparatif tahun 2017

** tidak terdapat pada peringkat SITC produk primer keunggulan komparatif tahun 2008

Lampiran 4 Hasil perhitungan RSCA Indonesia tahun 2008

code	XIJ	XIN	XIJ/XIN		code	XRJ	XRN	XRJ/XRN	RCA	RSCA
267	125370601	7021818136	0.017854436		267	7105031	66399446522	0.000107004	166.9	0.99
322	734631457	6412557280	0.114561387		322	64153429	65733137268	0.000975968	117.4	0.98
72	489571669	6657617068	0.07353557		72	302013784	65740336701	0.004594041	16.01	0.88
424	3629910865	3517277872	1.032022774		424	4521365317	58380645972	0.077446305	13.33	0.86
245	8435323	7138753414	0.001181624		245	7852336	66515634495	0.000118052	10.01	0.82
232	177503131	6969685606	0.025467882		232	259573721	66094845302	0.003927291	6.485	0.73
71	138243255	7008945482	0.019723831		71	244339577	66149339322	0.003693757	5.34	0.68
266	31407582	7115781155	0.004413793		266	56702284	66443812288	0.000853387	5.172	0.68
121	35664978	7111523759	0.005015097		121	82348562	66413908614	0.001239929	4.045	0.6
91	246347460	6900841277	0.035698178		91	759540617	65526034077	0.011591433	3.08	0.51
251	27117114	7120071623	0.003808545		251	82297870	66422507170	0.001239006	3.074	0.51
74	50695121	7096493616	0.007143686		74	174389714	66306837319	0.002630041	2.716	0.46
233	5300771	7141887966	0.000742209		233	19684658	66506936725	0.000295979	2.508	0.43
37	47977718	7099211019	0.006758176		37	191724445	66292219991	0.002892111	2.337	0.4
36	18190818	7128997919	0.002551665		36	87758268	66425973068	0.001321144	1.931	0.32
246	710480	7146478257	9.94168E-05		246	3889228	66527322446	5.84606E-05	1.701	0.26
44	9495110	7137693627	0.001330277		44	55923970	66466503074	0.000841386	1.581	0.23
431	176269879	6970918858	0.025286463		431	1100018169	65255634106	0.01685706	1.5	0.2
411	627176	7146561561	8.77591E-05		411	4232455	66527062523	6.362E-05	1.379	0.16
34	46305739	7100882998	0.006521124		34	320194953	66165421462	0.00483931	1.348	0.15
35	1302729	7145886008	0.000182305		35	9484164	66521135261	0.000142574	1.279	0.12

code	XIJ	XIN	XIJ/XIN	code	XRJ	XRN	XRJ/XRN	RCA	RSCA
288	17244584	7129944153	0.002418614	288	142241450	66372436120	0.00214308	1.13	0.06
98	112454984	7034733753	0.015985677	98	948282754	65471184416	0.014483971	1.1	0.05
292	17705364	7129483373	0.002483401	292	158029101	66356187689	0.002381528	1.04	0.02
22	161992643	6985196094	0.023190851	22	1452558825	64917370686	0.022375503	1.04	0.02
277	1362058	7145826679	0.000190609	277	12592308	66517967788	0.000189307	1.01	0
75	18342302	7128846435	0.002572969	75	170738617	66342841235	0.00257358	1	-0
122	81077876	7066110861	0.011474187	122	786143807	65664700471	0.011972092	0.96	-0.02
335	47872954	7099315783	0.006743319	335	556501089	65927548111	0.008441101	0.8	-0.11
112	8518588	7138670149	0.001193302	112	115652296	66407751270	0.001741548	0.69	-0.19
62	22335393	7124853344	0.003134857	62	352970978	66156615783	0.005335384	0.59	-0.26
57	77202538	7069986199	0.010919758	57	1490657979	64964061637	0.022945886	0.48	-0.36
269	3071842	7144116895	0.000429982	269	60326116	66468524196	0.000907589	0.47	-0.36
278	13208465	7133980272	0.001851486	278	261681394	66257032295	0.003949489	0.47	-0.36
248	16886330	7130302407	0.002368249	248	387566500	66127469324	0.0058609	0.4	-0.42
223	1686330	7145502407	0.000235999	223	42027894	66488207930	0.00063211	0.37	-0.46
81	12385262	7134803475	0.001735894	81	335014276	66184522616	0.005061822	0.34	-0.49
291	420777	7146767960	5.88765E-05	291	13696342	66517805035	0.000205905	0.29	-0.56
222	4329438	7142859299	0.000606121	222	171127675	66356465041	0.002578915	0.24	-0.62
244	2468	7147186269	3.45311E-07	244	111078	66531808608	1.66955E-06	0.21	-0.66
268	133163	7147055574	1.86319E-05	268	6451666	66525337325	9.69806E-05	0.19	-0.68
73	10513740	7136674997	0.001473199	73	516678278	66004730136	0.007827898	0.19	-0.68
333	323146925	6824041812	0.047354183	333	13655582552	52553192677	0.259843063	0.18	-0.69

code	XIJ	XIN	XIJ/XIN		code	XRJ	XRN	XRJ/XRN	RCA	RSCA
48	21845910	7125342827	0.003065945		48	1332923933	65177152311	0.020450785	0.15	-0.74
265	38099	7147150638	5.33066E-06		265	2788371	66529095684	4.19121E-05	0.127	-0.77
271	5771523	7141417214	0.000808176		271	454261641	66071888990	0.006875263	0.118	-0.79
58	8783821	7138404916	0.001230502		58	726161546	65796976787	0.011036397	0.111	-0.8
41	14819388	7132369349	0.002077765		41	1333394093	65183708673	0.020455941	0.102	-0.82
47	330695	7146858042	4.62714E-05		47	32286588	66499304871	0.000485518	0.095	-0.83
334	106686526	7040502211	0.015153255		334	9946018755	56479216873	0.176100508	0.086	-0.84
45	56471	7147132266	7.90121E-06		45	6543057	66525322626	9.83544E-05	0.08	-0.85
56	3436818	7143751919	0.000481094		56	416831101	66111654235	0.006304956	0.076	-0.86
54	12554393	7134634344	0.001759641		54	1523783066	64995584695	0.023444409	0.075	-0.86
263	3512999	7143675738	0.000491764		263	471204286	66057204869	0.007133276	0.069	-0.87
287	1008993	7146179744	0.000141193		287	166376279	66364536882	0.002507006	0.056	-0.89
264	335493	7146853244	4.69428E-05		264	63114980	66468471681	0.000949548	0.049	-0.91
111	8519181	7138669556	0.001193385		111	1668195598	64855207375	0.025721845	0.046	-0.91
282	2284657	7144904080	0.00031976		282	580975331	65948662166	0.008809509	0.036	-0.93
1	1663401	7145525336	0.000232789		1	660741480	65869517273	0.010031066	0.023	-0.95
941	108265	7147080472	1.51481E-05		941	55305925	66476507964	0.000831962	0.018	-0.96
61	1081791	7146106946	0.000151382		61	700675772	65830164591	0.010643689	0.014	-0.97
273	920820	7146267917	0.000128853		273	834481140	65696520194	0.01270206	0.01	-0.98
274	133713	7147055024	1.87088E-05		274	312368250	66219420191	0.00471717	0.004	-0.99
323	1157	7147187580	1.61882E-07		323	4338394	66527582603	6.5212E-05	0.002	-1
11	100067	7147088670	1.40011E-05		11	374420050	66157402037	0.005659534	0.002	-1

code	XIJ	XIN	XIJ/XIN	code	XRJ	XRN	XRJ/XRN	RCA	RSCA
46	127448	7147061289	1.78322E-05	46	1624238827	64907555879	0.025023879	0	-1
211	2105	7147186632	2.94521E-07	211	33803351	66498116698	0.000508335	0	-1
14	4759	7147183978	6.65857E-07	14	116685710	66415231685	0.001756912	0	-1
42	80581	7147108156	1.12746E-05	42	2557106628	63974734945	0.03997057	0	-1
423	2082	7147186655	2.91303E-07	423	606285524	65925634548	0.009196506	0	-1
23	60	7147188677	8.39491E-09	23	53644142	66478277952	0.000806942	0	-1
341	4471	7147184266	6.25561E-07	341	7942796279	58589121404	0.135567766	0	-1
281	50	7147188687	6.99576E-09	281	435622216	66096299888	0.00659072	0	-1
12	0	7147188737	0	12	1585042	66530337112	2.38243E-05	0	-1
24	0	7147188737	0	24	906701254	65625220900	0.013816354	0	-1
25	0	7147188737	0	25	251759285	66280162869	0.003798411	0	-1
43	0	7147188737	0	43	131109152	66400813002	0.001974511	0	-1
212	0	7147188737	0	212	416915	66531505239	6.26643E-06	0	-1
247	0	7147188737	0	247	34805188	66497116966	0.000523409	0	-1
261	0	7147188737	0	261	1351641	66530570513	2.03161E-05	0	-1
289	0	7147188737	0	289	433135	66531489019	6.51023E-06	0	-1
351	0	7147188737	0	351	175162702	66356759452	0.002639712	0	-1

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code	XIJ	XIN	XIJ/XIN		code	XRJ	XRN	XRJ/XRN	RCA	RSCA
267	198704701	11970652232	0.016599321		267	5107537	50724164500	0.000100692	164.9	0.988
322	1607247586	10562109347	0.15217108		322	112996878	49207732274	0.002296324	66.27	0.97
245	108997101	12060359832	0.009037633		245	12736705	50806242932	0.000250692	36.05	0.946
251	274924049	11894432884	0.023113674		251	36188111	50616864578	0.000714942	32.33	0.94
232	289741822	11879615111	0.024389832		232	107510828	50530724088	0.002127633	11.46	0.84
424	5416750975	6752605958	0.802171933		424	4087844215	41423381548	0.098684464	8.129	0.781
335	449600163	11719756770	0.038362585		335	269879543	50208497032	0.005375177	7.137	0.754
37	97251759	12072105174	0.008055907		37	58299317	50772425662	0.001148248	7.016	0.75
431	520275291	11649081642	0.044662344		431	440475975	49967225472	0.008815298	5.066	0.67
71	207336421	11962020512	0.017332893		71	190759378	50529880939	0.00377518	4.591	0.642
36	35521733	12133835200	0.002927494		36	42061100	50850393905	0.000827154	3.539	0.559
223	35473253	12133883680	0.002923487		223	54175197	50838328288	0.001065637	2.743	0.466
74	36036093	12133320840	0.002970011		74	60314717	50831625928	0.001186559	2.503	0.429
75	61627269	12107729664	0.005089911		75	113857837	50752491632	0.002243394	2.269	0.388
287	84577297	12084779636	0.006998663		287	169247160	50674152281	0.003339911	2.095	0.354
72	224587463	11944769470	0.01880216		72	599281828	50104107447	0.011960733	1.572	0.222
91	33559730	12135797203	0.00276535		91	101517376	50792899632	0.001998653	1.384	0.161
98	506094727	11663262206	0.04339221		98	1997077750	48424804261	0.041240802	1.052	0.025
122	241843986	11927512947	0.020276145		122	1107605690	49578527062	0.022340432	0.908	-0.05
233	667485	12168689448	5.48527E-05		233	3279837	50924029416	6.44065E-05	0.852	-0.08

code	XIJ	XIN	XIJ/XIN	code	XRJ	XRN	XRJ/XRN	RCA	RSCA
266	30705297	12138651636	0.002529548	266	157970820	50739300621	0.003113382	0.81	-0.1
265	210373	12169146560	1.72874E-05	265	1312212	50926454153	2.57668E-05	0.67	-0.2
34	78475788	12090881145	0.006490494	34	499924996	50349575954	0.009929081	0.65	-0.21
121	14884122	12154472811	0.00122458	121	98674595	50814418021	0.001941862	0.63	-0.23
291	1476310	12167880623	0.000121328	291	9943508	50916556920	0.00019529	0.62	-0.23
35	2317002	12167039931	0.000190433	35	15730485	50909929251	0.000308987	0.62	-0.24
269	13024615	12156332318	0.001071426	269	88464388	50826487735	0.001740517	0.62	-0.24
57	225424369	11943932564	0.018873547	57	1729561228	48972991141	0.035316634	0.53	-0.3
288	9454687	12159902246	0.00077753	288	84442056	50834079995	0.001661131	0.47	-0.36
292	13422575	12155934358	0.001104199	292	147942419	50766611744	0.002914168	0.38	-0.45
333	588402837	11580954096	0.050807803	333	5979716753	44359857148	0.134800181	0.38	-0.45
81	54728207	12114628726	0.004517531	81	619468879	50253779652	0.012326812	0.37	-0.46
48	98913338	12070443595	0.008194673	48	1125936458	49703126942	0.022653232	0.36	-0.47
62	26621685	12142735248	0.002192396	62	401354547	50500000506	0.007947615	0.28	-0.57
58	17446237	12151910696	0.001435679	58	284798963	50625731538	0.005625577	0.26	-0.59
73	69227626	12100129307	0.00572123	73	1185567429	49673181683	0.023867354	0.24	-0.61
246	1007962	12168348971	8.28347E-05	246	18434312	50908534464	0.000362107	0.23	-0.63
244	2149	12169354784	1.76591E-07	244	40571	50927934018	7.96635E-07	0.22	-0.64
111	16645165	12152711768	0.001369667	111	376092803	50535238770	0.007442189	0.18	-0.69
341	313119706	11856237227	0.026409703	341	6733222704	43881634328	0.153440564	0.17	-0.71
112	3348764	12166008169	0.000275256	112	87064968	50837563006	0.001712611	0.16	-0.72
278	7640343	12161716590	0.000628229	278	209372327	50710964068	0.004128739	0.15	-0.74

code	XIJ	XIN	XIJ/XIN		code	XRJ	XRN	XRJ/XRN	RCA	RSCA
14	6526069	12162830864	0.000536558		14	191516625	50729934044	0.003775219	0.14	-0.75
277	206044	12169150889	1.69317E-05		277	13672492	50914098202	0.00026854	0.06	-0.88
334	112334860	12057022073	0.009316966		334	7268903361	43546738517	0.166921878	0.06	-0.89
282	962606	12168394327	7.91071E-05		282	75635647	50851378485	0.001487386	0.05	-0.9
56	2958746	12166398187	0.00024319		56	281452084	50643565908	0.005557509	0.04	-0.92
263	6010245	12163346688	0.000494128		263	610629732	50311336761	0.012137021	0.04	-0.92
222	3474127	12165882806	0.000285563		222	466895915	50457606696	0.009253231	0.03	-0.94
248	2104784	12167252149	0.000172988		248	292837454	50633034500	0.005783526	0.03	-0.94
44	988617	12168368316	8.12448E-05		44	158747303	50768240818	0.003126902	0.03	-0.95
273	1144688	12168212245	9.4072E-05		273	250688159	50676143891	0.004946867	0.02	-0.96
61	3899092	12165457841	0.000320505		61	899451926	50024625720	0.017980183	0.02	-0.96
22	2259119	12167097814	0.000185674		22	652033666	50273683953	0.012969681	0.01	-0.97
54	4498940	12164857993	0.000369831		54	1558746062	49364731736	0.031576107	0.01	-0.98
42	2771067	12166585866	0.00022776		42	984985219	49940220452	0.019723285	0.01	-0.98
323	11952	12169344981	9.8214E-07		323	8595287	50919369499	0.000168802	0.01	-0.99
268	1400	12169355533	1.15043E-07		268	1064444	50926910894	2.09014E-05	0.01	-0.99
24	581694	12168775239	4.78022E-05		24	463875243	50463519801	0.009192289	0.01	-0.99
941	290108	12169066825	2.38398E-05		941	399712366	50527974264	0.007910714	0	-0.99
46	920580	12168436353	7.56531E-05		46	1601776545	49325279613	0.032473745	0	-1
211	4408	12169352525	3.62221E-07		211	8050191	50919922139	0.000158095	0	-1
47	33611	12169323322	2.76194E-06		47	79384575	50848558552	0.001561196	0	-1
289	20397	12169336536	1.6761E-06		289	111620590	50816335751	0.002196549	0	-1

code	XIJ	XIN	XIJ/XIN	code	XRJ	XRN	XRJ/XRN	RCA	RSCA
45	5636	12169351297	4.63131E-07	45	34960974	50893010128	0.00068695	0	-1
23	2778	12169354155	2.28278E-07	23	26612642	50901361318	0.000522828	0	-1
274	5812	12169351121	4.77593E-07	274	77323757	50850647169	0.001520605	0	-1
1	12440	12169344493	1.02224E-06	1	954157507	49973806791	0.019093152	0	-1
11	7607	12169349326	6.25095E-07	11	776483223	50151485908	0.015482756	0	-1
423	1145	12169355788	9.40888E-08	423	765357690	50162617903	0.015257531	0	-1
25	300	12169356633	2.46521E-08	25	438487185	50489489253	0.008684722	0	-1
12	0	12169356933	0	12	2034140	50925942598	3.99431E-05	0	-1
41	0	12169356933	0	41	509122683	50418854055	0.010097863	0	-1
43	0	12169356933	0	43	134476417	50793500321	0.002647512	0	-1
212	0	12169356933	0	212	46636	50927930102	9.15725E-07	0	-1
247	0	12169356933	0	247	79480698	50848496040	0.001563088	0	-1
261	0	12169356933	0	261	98883	50927877855	1.94163E-06	0	-1
264	0	12169356933	0	264	360806	50927615932	7.08468E-06	0	-1
271	0	12169356933	0	271	182501131	50745475607	0.003596402	0	-1
281	0	12169356933	0	281	914767072	50013209666	0.018290509	0	-1
351	0	12169356933	0	351	215862382	50712114356	0.004256624	0	-1
411	0	12169356933	0	411	10313626	50917663112	0.000202555	0	-1

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code	XIJ	XIN	XIJ/XIN		code	XRJ	XRN	XRJ/XRN	RCA	RSCA
424	3898868023	4543032437	0.858208273		424	4252408159	57085934249	0.074491347	11.5	0.84
246	2468900	8439431560	0.000292543		246	2130808	65232610723	3.26648E-05	8.96	0.799
91	452077471	7989822989	0.056581663		91	553810606	64231322354	0.008622127	6.56	0.736
232	190683877	8251216583	0.023109789		232	246392975	64800133579	0.003802353	6.08	0.717
431	461333509	7980566951	0.05780711		431	814954539	63960922383	0.012741444	4.54	0.639
248	145720964	8296179496	0.017564828		248	258731866	64832757601	0.003990758	4.4	0.63
233	8333967	8433566493	0.00098819		233	16651462	65212225002	0.000255343	3.87	0.589
269	19165650	8422734810	0.002275466		269	44232308	65173812473	0.000678682	3.35	0.541
14	27846520	8414053940	0.003309525		14	88843949	65120519962	0.0013643	2.43	0.416
266	17646658	8424253802	0.002094744		266	70463208	65149100565	0.001081568	1.94	0.319
35	2000973	8439899487	0.000237085		35	8785920	65226423538	0.000134699	1.76	0.275
48	233002034	8208898426	0.028384081		48	1121767809	63882440588	0.017559877	1.62	0.236
289	72051	8441828409	8.535E-06		289	361084	65236777296	5.53498E-06	1.54	0.213
223	7254593	8434645867	0.000860095		223	36459631	65193496207	0.000559253	1.54	0.212
112	18597022	8423303438	0.002207806		112	105573862	65113039547	0.001621394	1.36	0.153
98	131628495	8310271965	0.015839252		98	929109243	64176472693	0.014477412	1.09	0.045
247	4306362	8437594098	0.000510378		247	30498826	65202405243	0.000467756	1.09	0.044
81	42849114	8399051346	0.005101661		81	304550424	64889810893	0.004693347	1.09	0.042
22	177387092	8264513368	0.021463707		22	1437164376	63622658963	0.022588876	0.95	-0.03
122	87199600	8354700860	0.01043719		122	780022083	64369988748	0.012117791	0.86	-0.07
334	1020178997	7421721463	0.13745854		334	9032526284	55184505150	0.163678668	0.84	-0.09
222	13279346	8428621114	0.001575506		222	162177767	65061753318	0.002492674	0.63	-0.23
71	27200862	8414699598	0.003232541		71	355381970	64854627599	0.00547967	0.59	-0.26

code	XIJ	XIN	XIJ/XIN		code	XRJ	XRN	XRJ/XRN	RCA	RSCA
278	19359869	8422540591	0.002299		278	255529990	64962320572	0.003933511	0.58	-0.26
34	24869165	8417031295	0.002955		34	341631527	64870709739	0.005266345	0.56	-0.28
333	1.041E+09	7400975351	0.140647		333	12937804368	51258480954	0.252403195	0.56	-0.28
36	6982453	8434918007	0.000828		36	98966633	65131261345	0.001519495	0.54	-0.29
72	44779537	8397120923	0.005333		72	746805916	64445624978	0.011588155	0.46	-0.37
323	226770	8441673690	2.69E-05		323	4112781	65232870880	6.30477E-05	0.43	-0.4
61	35383961	8406516499	0.004209		61	666373602	64535452868	0.010325698	0.41	-0.42
411	230638	8441669822	2.73E-05		411	4628993	65232350800	7.09616E-05	0.39	-0.44
211	1580430	8440320030	0.000187		211	32225026	65203404975	0.000494223	0.38	-0.45
73	23896064	8418004396	0.002839		73	503295954	64710018413	0.007777713	0.36	-0.47
47	1447896	8440452564	0.000172		47	31169387	65204593148	0.000478024	0.36	-0.47
287	7382107	8434518353	0.000875		287	160003165	65069825159	0.002458946	0.36	-0.47
23	2310543	8439589917	0.000274		23	51333659	65183566229	0.000787525	0.35	-0.48
423	26158673	8415741787	0.003108		423	580128933	64630922825	0.008976027	0.35	-0.49
12	64430	8441836030	7.63E-06		12	1520612	65235625389	2.33095E-05	0.33	-0.51
37	8560452	8433340008	0.001015		37	231141711	64997508268	0.003556163	0.29	-0.56
75	6497048	8435403412	0.00077		75	182583871	65048129512	0.002806904	0.27	-0.57
245	496882	8441403578	5.89E-05		245	15790777	65220922772	0.000242112	0.24	-0.61
111	51150234	8390750226	0.006096		111	1625564545	63560495652	0.025575077	0.24	-0.62
56	12622657	8429277803	0.001497		56	407645262	64816942512	0.006289178	0.24	-0.62
335	16947870	8424952590	0.002012		335	587426173	64632836388	0.009088665	0.22	-0.64
62	8367637	8433532823	0.000992		62	366938734	64861904060	0.00565723	0.18	-0.7
11	7446795	8434453665	0.000883		11	367073322	64862690314	0.005659237	0.16	-0.73

code	XIJ	XIN	XIJ/XIN	code	XRJ	XRN	XRJ/XRN	RCA	RSCA
292	3409371	8438491089	0.000404026	292	172325094	65061475966	0.00264865	0.15	-0.74
58	12396848	8429503612	0.00147065	58	722548519	64502265064	0.011201909	0.13	-0.77
25	3692823	8438207637	0.000437631	25	248066462	64985451146	0.003817262	0.11	-0.79
274	3948064	8437952396	0.000467894	274	308553899	64924708468	0.004752488	0.1	-0.82
54	15149581	8426750879	0.001797796	54	1521187878	63700872972	0.023880173	0.08	-0.86
273	8050191	8433850269	0.00095451	273	827351769	64401808471	0.012846716	0.07	-0.86
288	1457827	8440442633	0.000172719	288	158028207	65077724397	0.0024283	0.07	-0.87
251	987867	8440912593	0.000117033	251	108427117	65127795447	0.001664836	0.07	-0.87
57	13460741	8428439719	0.001597062	57	1554399776	63669349914	0.024413627	0.07	-0.88
263	3181310	8438719150	0.00037699	263	471535975	64762493146	0.007281004	0.05	-0.9
121	558857	8441341603	6.62048E-05	121	117454683	65119196891	0.001803688	0.04	-0.93
74	1042089	8440858371	0.000123458	74	224042746	65012125596	0.003446169	0.04	-0.93
46	6545503	8435354957	0.000775961	46	1617820772	63612844156	0.025432297	0.03	-0.94
291	54364	8441846096	6.43982E-06	291	14062755	65223093312	0.00021561	0.03	-0.94
271	1682082	8440218378	0.000199294	271	458351082	64777177267	0.007075811	0.03	-0.95
277	43556	8441856904	5.15953E-06	277	13910810	65223256065	0.00021328	0.02	-0.95
341	27485848	8414414612	0.003266519	341	7915314902	57294409681	0.138151609	0.02	-0.95
267	265224	8441635236	3.14186E-05	267	132210408	65104734799	0.002030734	0.02	-0.97
268	8350	8441892110	9.89115E-07	268	6576479	65230625602	0.000100819	0.01	-0.98
44	81201	8441819259	9.6189E-06	44	65337879	65171791351	0.001002548	0.01	-0.98
322	732713	8441167747	8.68023E-05	322	798052173	64438425545	0.012384725	0.01	-0.99
941	43442	8441857018	5.14602E-06	941	55370748	65181796241	0.000849482	0.01	-0.99

code	XIJ	XIN	XIJ/XIN		code	XRJ	XRN	XRJ/XRN	RCA	RSCA
264	37307	8441863153	4.41929E-06		264	63413166	65173759958	0.000972986	0	-0.99
45	3525	8441896935	4.1756E-07		45	6596003	65230610903	0.000101118	0	-0.99
1	352715	8441547745	4.17832E-05		1	662052166	64574805550	0.010252484	0	-0.99
24	273130	8441627330	3.23551E-05		24	906428124	64330509177	0.014090175	0	-1
282	157313	8441743147	1.86351E-05		282	583102675	64653950443	0.009018825	0	-1
43	8057	8441892403	9.54407E-07		43	131101095	65106101279	0.002013653	0	-1
42	1261	8441899199	1.49374E-07		42	2557185948	62680023222	0.040797463	0	-1
41	0	8441900460	0		41	1348213481	63888996950	0.021102436	0	-1
212	0	8441900460	0		212	416915	65236793516	6.3908E-06	0	-1
244	0	8441900460	0		244	113546	65237096885	1.74051E-06	0	-1
261	0	8441900460	0		261	1351641	65235858790	2.07193E-05	0	-1
265	0	8441900460	0		265	2826470	65234383961	4.33279E-05	0	-1
281	0	8441900460	0		281	435622266	64801588165	0.006722401	0	-1
351	0	8441900460	0		351	175162702	65062047729	0.002692241	0	-1

Lampiran 7 Hasil perhitungan RSCA Malaysia tahun 2017

code	XIJ	XIN	XIJ/XIN		code	XRJ	XRN	XRJ/XRN	RCA	RSCA
246	17151299	9887742314	0.001734602		246	2290975	53172997784	4.30853E-05	40.3	0.95
264	278001	9904615612	2.80678E-05		264	82805	53192079252	1.55672E-06	18	0.89
266	121200663	9783692950	0.012388028		266	67475454	53003763941	0.001273031	9.73	0.81
247	49574748	9855318865	0.005030253		247	29905950	53112959360	0.000563063	8.93	0.8
248	171448596	9733445017	0.01761438		248	123493642	52897497820	0.002334584	7.54	0.77
35	9973522	9894920091	0.001007944		35	8073965	53174392571	0.000151839	6.64	0.74
23	14617169	9890276444	0.001477933		23	11998251	53165824638	0.000225676	6.55	0.74
269	51967707	9852925906	0.005274343		269	49521296	53090951055	0.000932763	5.65	0.7
424	3819470452	6085423161	0.62764254		424	5685124738	43687844868	0.130130583	4.82	0.66
14	84285088	9820608525	0.008582471		14	113757606	52994397364	0.002146597	4	0.6
334	2749421753	7155471860	0.384240454		334	4631816468	45811201837	0.101106635	3.8	0.58
121	37794520	9867099093	0.003830358		121	75764197	53078881341	0.001427389	2.68	0.46
233	1314694	9903578919	0.000132749		233	2632628	53188492736	4.94962E-05	2.68	0.46
431	312601807	9592291806	0.032588855		431	648149459	52231688792	0.012409123	2.63	0.45
72	249365424	9655528189	0.025826182		72	574503867	52368570767	0.010970394	2.35	0.4
98	725415314	9179478299	0.079025767		98	1777757163	50689267581	0.035071668	2.25	0.39
232	96240833	9808652780	0.00981183		232	301011817	52795187408	0.005701501	1.72	0.26
268	256457	9904637156	2.58926E-05		268	809387	53191374214	1.52165E-05	1.7	0.26

code	XIJ	XIN	XIJ/XIN		code	XRJ	XRN	XRJ/XRN	RCA	RSCA
351	48905531	9855988082	0.004962012		351	166956851	52976577676	0.003151522	1.57	0.22
111	83900633	9820992980	0.008542989		111	308837335	52799702090	0.005849225	1.46	0.19
22	138268735	9766624878	0.014157269		22	516024050	52538147273	0.009821893	1.44	0.18
282	16020232	9888873381	0.001620026		282	60578021	53115841805	0.001140489	1.42	0.17
278	38400595	9866493018	0.003892021		278	178612075	52975427388	0.003371602	1.15	0.07
323	1335295	9903558318	0.00013483		323	7271944	53183832819	0.000136732	0.99	-0
335	105525898	9799367715	0.010768644		335	613953808	52472960352	0.011700384	0.92	-0
81	90769716	9814123897	0.009248886		81	583427370	52518242972	0.011109042	0.83	-0.1
73	134012099	9770881514	0.013715456		73	1120782956	51937645003	0.021579395	0.64	-0.2
48	130578426	9774315187	0.013359343		48	1094271370	51967590262	0.021056804	0.63	-0.2
112	8799080	9896094533	0.000889147		112	81614652	53102026326	0.00153694	0.58	-0.3
37	12802150	9892091463	0.00129418		37	142748926	53036888982	0.002691503	0.48	-0.4
288	7443309	9897450304	0.000752043		288	86453434	53098543315	0.00162817	0.46	-0.4
277	920818	9903972795	9.29746E-05		277	12957718	53178561522	0.000243664	0.38	-0.4
287	15385923	9889507690	0.001555783		287	238438534	52938615601	0.004504057	0.35	-0.5
58	14882706	9890010907	0.001504822		58	287362494	52890194858	0.00543319	0.28	-0.6
91	5411547	9899482066	0.00054665		91	129665559	53057362952	0.002443875	0.22	-0.6
36	2923052	9901970561	0.000295199		36	74659781	53114857225	0.001405629	0.21	-0.7
56	10621395	9894272218	0.001073489		56	273789435	52908029228	0.005174818	0.21	-0.7
62	15768874	9889124739	0.001594567		62	412207358	52764463826	0.007812215	0.2	-0.7
423	28100381	9876793232	0.002845092		423	737258454	52427081223	0.01406255	0.2	-0.7
273	9064698	9895828915	0.000916012		273	242768149	52940607211	0.00458567	0.2	-0.7

code	XIJ	XIN	XIJ/XIN	code	XRJ	XRN	XRJ/XRN	RCA	RSCA
261	3284	9904890329	3.31553E-07	261	95599	53192341175	1.79723E-06	0.18	-0.69
223	2875241	9902018372	0.000290369	223	86773209	53102791608	0.001634061	0.18	-0.7
222	14997369	9889896244	0.001516433	222	455372673	52722070016	0.008637231	0.18	-0.7
333	222578685	9682314928	0.022988168	333	6345540905	46624320468	0.136099376	0.17	-0.71
12	60750	9904832863	6.13337E-06	12	1973390	53190405918	3.71005E-05	0.17	-0.72
292	4440465	9900453148	0.000448511	292	156924529	53031075064	0.002959105	0.15	-0.74
61	24387927	9880505686	0.002468287	61	878963091	52289089040	0.016809685	0.15	-0.74
75	4394218	9900499395	0.000443838	75	171090888	53016954952	0.003227098	0.14	-0.76
122	31357911	9873535702	0.003175956	122	1318091765	51842990382	0.025424686	0.12	-0.78
47	1749342	9903144271	0.000176645	47	77668844	53113021872	0.001462331	0.12	-0.78
44	3383050	9901510563	0.00034167	44	156352870	53032704138	0.002948235	0.12	-0.79
34	12255946	9892637667	0.001238896	34	566144838	52614039274	0.010760338	0.12	-0.79
245	2327721	9902565892	0.000235062	245	119406085	53070706252	0.002249943	0.1	-0.81
289	1983490	9902910123	0.000200294	289	109657497	53080799071	0.00206586	0.1	-0.82
263	9913637	9894979976	0.001001886	263	606726340	52575800081	0.011540031	0.09	-0.84
11	10391027	9894502586	0.001050182	11	766099803	52415949228	0.014615777	0.07	-0.87
54	17396695	9887496918	0.001759464	54	1545848307	51629195056	0.02994136	0.06	-0.89
211	87187	9904806426	8.80249E-06	211	7967412	53184385459	0.000149807	0.06	-0.89
57	19622140	9885271473	0.001984987	57	1935363457	51237454461	0.037772436	0.05	-0.9
74	888060	9904005553	8.96668E-05	74	95462750	53096089248	0.001797924	0.05	-0.9
25	3490636	9901402977	0.00035254	25	434996849	52753952573	0.008245768	0.04	-0.92
341	63257884	9841635729	0.006427578	341	6983084526	46146097648	0.15132557	0.04	-0.92

code	XIJ	XIN	XIJ/XIN		code	XRJ	XRN	XRJ/XRN	RCA	RSCA
265	11322	9904882291	1.14307E-06		265	1511263	53190917473	2.8412E-05	0.04	-0.92
24	2916802	9901976811	0.000294568		24	461540135	52727983121	0.008753229	0.03	-0.93
71	2201259	9902692354	0.000222289		71	395894540	52794344259	0.007498806	0.03	-0.94
291	43970	9904849643	4.43924E-06		291	11375848	53181020240	0.000213908	0.02	-0.96
411	36562	9904857051	3.69132E-06		411	10277064	53182126432	0.000193243	0.02	-0.96
46	5719582	9899174031	0.000577784		46	1596977543	51589742933	0.030955331	0.02	-0.96
267	696398	9904197215	7.03134E-05		267	203115840	52988627820	0.003833197	0.02	-0.96
281	2529233	9902364380	0.000255417		281	912237839	52277672986	0.017449855	0.01	-0.97
1	2553422	9902340191	0.00025786		1	951616525	52238270111	0.018216846	0.01	-0.97
322	3197324	9901696289	0.000322907		322	1717047140	51472195594	0.033358731	0.01	-0.98
251	513851	9904379762	5.18812E-05		251	310598309	52881327898	0.005873497	0.01	-0.98
45	19539	9904874074	1.97267E-06		45	34947071	53157473448	0.000657425	0	-0.99
941	174259	9904719354	1.75935E-05		941	399828215	52792437584	0.007573589	0	-1
42	152858	9904740755	1.54328E-05		42	987603428	52204683772	0.018917908	0	-1
271	17786	9904875827	1.79568E-06		271	182483345	53009938927	0.003442436	0	-1
41	47641	9904845972	4.80987E-06		41	509075042	52683317375	0.009662927	0	-1
43	0	9904893613	0		43	134476417	53057963641	0.002534519	0	-1
212	0	9904893613	0		212	46636	53192393422	8.76742E-07	0	-1
244	0	9904893613	0		244	42720	53192397338	8.03122E-07	0	-1
274	0	9904893613	0		274	77329569	53115110489	0.001455886	0	-1

Lampiran 8 Hasil Regresi Model Panel Indonesia

- Uji Multikolinearitas

```
. estat vif
```

Variable	VIF	1/VIF
lpopj	4.39	0.228016
lgdpj	4.25	0.235270
lreri	3.03	0.330020
lgdpi	3.02	0.331218
corj	1.90	0.526579
opnj	1.64	0.608476
ldist	1.30	0.767606
Mean VIF	2.79	

- Uji Heteroskedastisitas

```
. hettest
```

```
Breusch-Pagan / Cook-Weisberg test for heteroskedasticity
```

```
Ho: Constant variance
```

```
Variables: fitted values of eks
```

```
chi2(1) = 575.27
```

```
Prob > chi2 = 0.0000
```


- Uji Chow

F test that all $u_i=0$: $F(32, 291) = 137.15$ Prob > F = 0.0000

- Uji Hausman

	Coefficients		(b-B) Difference	sqrt(diag(V_b-V_B)) S.E.
	(b) fe	(B) re		
lgdpci	.9734044	.9325443	.0408601	.3677874
lgdpj	.8202121	.6795408	.1406713	.4056378
lreri	-.5828406	-.58425	.0014094	.032411
opnj	.0089531	.0090567	-.0001036	.0005427
lpopj	-.0509116	.2757384	-.32665	.7794407
corj	.2233166	.2677307	-.044414	.0530352

b = consistent under H_0 and H_a ; obtained from xtreg
 B = inconsistent under H_a , efficient under H_0 ; obtained from xtreg

Test: H_0 : difference in coefficients not systematic

chi2(6) = (b-B)'[(V_b-V_B)^(-1)](b-B)
 = 1.20
 Prob>chi2 = 0.9767

- Uji LM

Breusch and Pagan Lagrangian multiplier test for random effects

leks[partner,t] = Xb + u[partner] + e[partner,t]

Estimated results:

	Var	sd = sqrt(Var)
leks	5.239102	2.288908
e	.1513954	.3890956
u	2.156737	1.468583

Test: Var(u) = 0

chibar2(01) = 1251.82
 Prob > chibar2 = 0.0000

Lampiran 9 Hasil Regresi Model Panel Malaysia

- Uji Multikolinearitas

Variable	VIF	1/VIF
lpopj	4.86	0.205697
lgdpj	4.58	0.218246
lreri	1.85	0.539241
lgdpi	1.85	0.541992
corj	1.81	0.553067
opnj	1.77	0.565866
lDist	1.21	0.829451
Mean VIF	2.56	

- Uji Heteroskedastisitas

Source	SS	df	MS	Number of obs =	330
Model	3.4988e+20	7	4.9982e+19	F(7, 322) =	47.39
Residual	3.3962e+20	322	1.0547e+18	Prob > F =	0.0000
				R-squared =	0.5074
				Adj R-squared =	0.4967
Total	6.8950e+20	329	2.0957e+18	Root MSE =	1.0e+09

eks	Coef.	Std. Err.	t	P> t	[95% Conf. Interval]	
lDist	-1.23e+09	1.06e+08	-11.62	0.000	-1.44e+09	-1.02e+09
lgdpi	3.59e+08	5.40e+08	0.66	0.507	-7.03e+08	1.42e+09
lgdpj	1.62e+07	6.29e+07	0.26	0.797	-1.08e+08	1.40e+08
lreri	-8.75e+08	6.48e+08	-1.35	0.178	-2.15e+09	3.99e+08
opnj	3060250	2304648	1.33	0.185	-1473819	7594319
lpopj	3.52e+08	7.54e+07	4.67	0.000	2.03e+08	5.00e+08
corj	5.00e+08	1.40e+08	3.56	0.000	2.24e+08	7.76e+08
_cons	-2.92e+09	1.37e+10	-0.21	0.832	-2.99e+10	2.41e+10

```
. hettest
```

```
Breusch-Pagan / Cook-Weisberg test for heteroskedasticity
```

```
Ho: Constant variance
```

```
Variables: fitted values of eks
```

```
chi2(1) = 453.14
```

```
Prob > chi2 = 0.0000
```

- Regresi menggunakan vce(robust)

```

Random-effects GLS regression           Number of obs   =   330
Group variable: partner                 Number of groups =   33

R-sq:  within = 0.1792                   Obs per group:  min =   10
      between = 0.5298                               avg =   10.0
      overall  = 0.5175                               max =   10

                                           Wald chi2(7)     =   60.78
corr(u_i, X) = 0 (assumed)               Prob > chi2      =   0.0000

```

(Std. Err. adjusted for 33 clusters in partner)

leks	Robust				
	Coef.	Std. Err.	z	P> z	[95% Conf. Interval]
lDist	-1.43262	.3606824	-3.97	0.000	-2.139545 - .7256958
lgdpi	.8524647	.416549	2.05	0.041	.0360436 1.668886
lgdpj	.8114498	.2445645	3.32	0.001	.3321122 1.290787
lreri	-.949931	.3568061	-2.66	0.008	-1.649258 -.2506038
opnj	.0100448	.004762	2.11	0.035	.0007115 .0193781
lpopj	-.1719497	.2507196	-0.69	0.493	-.663351 .3194517
corj	.2594166	.3592369	0.72	0.470	-.4446747 .9635079
_cons	-7.972065	11.49935	-0.69	0.488	-30.51037 14.56624
sigma_u	1.8301143				
sigma_e	.4521585				
rho	.94247023	(fraction of variance due to u_i)			

- *Comman Effect*

Source	SS	df	MS	Number of obs =	330
Model	1138.02187	7	162.574554	F(7, 322) =	53.70
Residual	974.770762	322	3.02723839	Prob > F =	0.0000
Total	2112.79264	329	6.42186212	R-squared =	0.5386
				Adj R-squared =	0.5286
				Root MSE =	1.7399

leks	Coef.	Std. Err.	t	P> t	[95% Conf. Interval]
lDist	-1.589378	.1793583	-8.86	0.000	-1.94224 -1.236516
lgdpi	.9301528	.9146276	1.02	0.310	-.8692477 2.729553
lgdpj	.5128921	.1065115	4.82	0.000	.3033458 .7224383
lreri	-1.166284	1.097301	-1.06	0.289	-3.325068 .9924992
opnj	.0040966	.0039044	1.05	0.295	-.0035848 .0117781
lpopj	.1597371	.1276918	1.25	0.212	-.0914785 .4109528
corj	.7479922	.237943	3.14	0.002	.279873 1.216111
_cons	-5.850003	23.26548	-0.25	0.802	-51.62155 39.92155

- Uji Chow

F test that all $u_i=0$: $F(32, 291) = 110.49$ $\text{Prob} > F = 0.0000$

- Uji Hausman

	Coefficients			
	(b) fe	(B) re	(b-B) Difference	$\sqrt{\text{diag}(V_b - V_B)}$ S.E.
lgdpi	1.610145	.8524647	.75768	.4577417
lgdpj	1.3446	.8114498	.5331502	.4585167
lreri	-.9761785	-.949931	-.0262475	.
opnj	.0098817	.0100448	-.0001631	.0004217
lpopj	-2.732954	-.1719497	-2.561005	.8685941
corj	.2084076	.2594166	-.0510091	.0499953

b = consistent under H_0 and H_a ; obtained from xtreg
 B = inconsistent under H_a , efficient under H_0 ; obtained from xtreg

Test: H_0 : difference in coefficients not systematic

$\chi^2(6) = (b-B)'[(V_b - V_B)^{-1}](b-B)$
 = 10.14
 $\text{Prob} > \chi^2 = 0.1190$
 ($V_b - V_B$ is not positive definite)

- Uji LM (Lanrange Mutiple Test)

Breusch and Pagan Lagrangian multiplier test for random effects

$\text{leks}[\text{partner}, t] = Xb + u[\text{partner}] + e[\text{partner}, t]$

Estimated results:

	Var	sd = sqrt(Var)
leks	6.421862	2.534139
e	.2044473	.4521585
u	3.349318	1.830114

Test: $\text{Var}(u) = 0$

$\text{chibar2}(01) = 1275.12$
 $\text{Prob} > \text{chibar2} = 0.0000$