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LAMPIRAN

**Lampiran1**

**Data PerusahaanIndeksLQ-45yangterdaftardiBEItahun2018**

|  |  |  |
| --- | --- | --- |
| **No** | **Kode** | **NamaPerusahaanTercatat** |
| 1 | ADHI | AdhiKarya(Persero)Tbk. |
| 2 | ADRO | Adaro EnergyTbk. |
| 3 | AKRA | AKRCorporindoTbk. |
| 4 | ANTM | AnekaTambangTbk. |
| 5 | ASII | AstraInternationalTbk. |
| 6 | ASRI | AlamSutera RealityTbk. |
| 7 | BBCA | BankCentralAsiaTbk. |
|  | BBNI | BankNegaraIndonesia(Persero)Tbk. |
| 8 |
| 9 | BBRI | BankRakyatIndonesia(Persero)Tbk. |
| 10 | BBTN | BankTabunganIndonesia(Persero)Tbk. |
| 11 | BKSL | Sentul CityTbk |
| 12 | BMRI | BankMandiri(Persero) Tbk. |
| 13 | BSDE | Bumi SerpongDamaiTbk. |
| 14 | CPIN | CharoenPokphand Indonesia Tbk. |
| ELSA | ElnusaTbk. |
| 15 |
| 16 | EXCL | XLAxiata Tbk. |
| 17 | GGRM | GudangGaramTbk. |
| 18 | HMSP | HMSampoernaTbk. |
| 19 | ICBP | IndofoodCBPSuksesMakmurTbk. |
| 20 | INCO | ValeIndonesiaTbk. |
| 21 | INDF | IndofoodSukses Makmur Tbk. |
| 22 | INDY | Indika EnergyTbk. |
| 23 | INKP | IndahKiatPulp&Paper |
| 24 | INTP | IndocementTunggalPrakasaTbk. |
| 25 | ITMG | IndoTambangrayaMegahTbk |
| 26 | JSMR | JasaMarga(Persero)Tbk. |
| 27 | KLBF | KalbeFarmaTbk. |
| 28 | LPKR | LippoKarawaciTbk. |
| 29 | LPPF | MatahariDepartmentStoreTbk. |
| 30 | MEDC | MedcoEnergiInternasionalTbk |
| 31 | MNCN | MediaNusantaraCitraTbk. |

|  |  |  |
| --- | --- | --- |
| **No** | **Kode** | **NamaPerusahaanTercatat** |
| 32 | PGAS | PerusahaanGasNegara(Persero)Tbk. |
| 33 | PTBA | TambangBatubaraBukitAsam(Persero)Tbk. |
| 34 | PTPP | PP (Persero)Tbk. |
| 35 | SCMA | SuryaCitraMediaTbk. |
| 36 | SMGR | Semen Indonesia(Persero)Tbk. |
| 37 | SRIL | SriRejeki IsmanTbk. |
| 38 | SSMS | SawitSumbermasSaranaTbk. |
|  | TLKM | Telekomunikasi Indonesia(Persero)Tbk. |
| 39 |
| 40 | TPIA | ChandraAsriPetrochemicalTbk. |
| 41 | UNTR | UnitedTractors Tbk. |
| 42 | UNVR | UnileverIndonesiaTbk. |
| 43 | WIKA | WijayaKarya(Persero) Tbk. |
| 44 | WSBP | WaskitaBetonPrecastTbk. |
| 45 | WSKT | WaskitaKarya(Persero)Tbk. |

**Lampiran2**

**Data PerusahaanIndeksLQ-45yangterdaftardiBEItahun2019**

|  |  |  |
| --- | --- | --- |
| No. | KodeSaham | NamaPerusahaanTercatat |
| 1 | ADRO | Adaro EnergyTbk. |
| 2 | AKRA | AKRCorporindo Tbk. |
| 3 | ANTM | AnekaTambangTbk. |
| 4 | ASII | AstraInternationalTbk. |
| 5 | BBCA | BankCentralAsiaTbk. |
| 6 | BBNI | BankNegaraIndonesia(Persero)Tbk. |
| 7 | BBRI | BankRakyatIndonesia(Persero)Tbk. |
| 8 | BBTN | BankTabunganNegara(Persero)Tbk. |
| 9 | BMRI | BankMandiri(Persero) Tbk. |
| 10 | BRPT | BaritoPacificTbk. |
| 11 | BSDE | Bumi SerpongDamaiTbk. |
| 12 | BTPS | BankTabunganPensiunan NasionalSyariahTbk. |
| 13 | CPIN | CharoenPokphand Indonesia Tbk |
| 14 | CTRA | CiputraDevelopment Tbk. |
| 15 | ERAA | ErajayaSwasembadaTbk. |
| 16 | EXCL | XLAxiata Tbk. |
| 17 | GGRM | GudangGaramTbk. |
| 18 | HMSP | H.M.SampoernaTbk. |
| 19 | ICBP | IndofoodCBP SuksesMakmurTbk. |
| 20 | INCO | ValeIndonesiaTbk. |
| 21 | INDF | IndofoodSukses Makmur Tbk. |
| 22 | INDY | Indika EnergyTbk. |
| 23 | INKP | IndahKiatPulp&Paper Tbk. |
| 24 | INTP | IndocementTunggalPrakarsaTbk. |
| 25 | ITMG | IndoTambangrayaMegahTbk. |
| 26 | JPFA | JapfaComfeedIndonesia Tbk. |
| 27 | JSMR | JasaMarga(Persero)Tbk. |
| 28 | KLBF | KalbeFarmaTbk. |
| 29 | LPPF | MatahariDepartment StoreTbk. |
| 30 | MEDC | MedcoEnergiInternasionalTbk. |
| 31 | MNCN | MediaNusantaraCitraTbk. |
| 32 | PGAS | Perusahaan GasNegaraTbk. |
| 33 | PTBA | BukitAsamTbk. |
| 34 | PTPP | PP(Persero)Tbk. |
| 35 | PWON | PakuwonJati Tbk. |

|  |  |  |
| --- | --- | --- |
| 36 | SCMA | SuryaCitraMediaTbk. |
| 37 | SMGR | Semen Indonesia(Persero)Tbk. |
| 38 | SRIL | SriRejeki IsmanTbk. |
| 39 | TKIM | PabrikKertasTjiwiKimiaTbk. |
| 40 | TLKM | Telekomunikasi Indonesia(Persero)Tbk. |
| 41 | TPIA | ChandraAsriPetrochemicalTbk. |
| 42 | UNTR | UnitedTractors Tbk. |
| 43 | UNVR | UnileverIndonesiaTbk. |
| 44 | WIKA | WijayaKarya(Persero) Tbk. |
| 45 | WSKT | WaskitaKarya(Persero)Tbk. |

**Lampiran3**

**Data PerusahaanIndeksLQ-45yangterdaftardiBEItahun2020**

|  |  |  |
| --- | --- | --- |
| No. | KodeSaham | NamaPerusahaanTercatat |
| 1 | ACES | AceHardwareIndonesiaTbk. |
| 2 | ADRO | Adaro EnergyTbk. |
| 3 | AKRA | AKRCorporindo Tbk. |
| 4 | ANTM | AnekaTambangTbk. |
| 5 | ASII | AstraInternationalTbk. |
| 6 | BBCA | BankCentral AsiaTbk. |
| 7 | BBNI | BankNegaraIndonesia(Persero)Tbk. |
| 8 | BBRI | BankRakyatIndonesia(Persero)Tbk. |
| 9 | BBTN | BankTabunganNegara(Persero)Tbk. |
| 10 | BMRI | BankMandiri(Persero) Tbk. |
| 11 | BSDE | Bumi SerpongDamaiTbk. |
| 12 | BTPS | Bank BTPNSyariahTbk. |
| 13 | CPIN | CharoenPokphand Indonesia Tbk |
| 14 | CTRA | CiputraDevelopment Tbk. |
| 15 | ERAA | ErajayaSwasembadaTbk. |
| 16 | EXCL | XLAxiata Tbk. |
| 17 | GGRM | GudangGaramTbk. |
| 18 | HMSP | H.M.SampoernaTbk. |
| 19 | ICBP | IndofoodCBP SuksesMakmurTbk. |
| 20 | INCO | ValeIndonesiaTbk. |
| 21 | INDF | IndofoodSukses Makmur Tbk. |
| 22 | INKP | IndahKiatPulp&Paper Tbk. |
| 23 | INTP | IndocementTunggalPrakarsaTbk. |
| 24 | ITMG | IndoTambangrayaMegahTbk. |
| 25 | JPFA | JapfaComfeedIndonesia Tbk. |
| 26 | JSMR | JasaMarga(Persero)Tbk. |
| 27 | KLBF | KalbeFarmaTbk. |
| 28 | MDKA | MerdekaCopperGold Tbk. |
| 29 | MIKA | MitraKeluargaKaryasehat Tbk. |
| 30 | MNCN | MediaNusantaraCitraTbk. |
| 31 | PGAS | Perusahaan GasNegaraTbk. |
| 32 | PTBA | BukitAsamTbk. |
| 33 | PTPP | PP(Persero)Tbk. |
| 34 | PWON | PakuwonJati Tbk. |
| 35 | SCMA | SuryaCitraMediaTbk. |

|  |  |  |
| --- | --- | --- |
| 36 | SMGR | Semen Indonesia(Persero)Tbk. |
| 37 | SMRA | SummareconAgungTbk. |
| 38 | SRIL | SriRejeki IsmanTbk. |
| 39 | TBIG | TowerBersama InfrastructureTbk. |
| 40 | TKIM | PabrikKertasTjiwiKimiaTbk. |
| 41 | TLKM | Telekomunikasi Indonesia(Persero)Tbk. |
| 42 | TOWR | SaranaMenaraNusantaraTbk. |
| 43 | UNTR | UnitedTractors Tbk. |
| 44 | UNVR | UnileverIndonesiaTbk. |
| 45 | WIKA | WijayaKarya(Persero)Tbk. |

**Lampiran4**

**Data PerusahaanIndeksLQ-45yangterdaftardiBEItahun2021**

|  |  |  |
| --- | --- | --- |
| No. | KodeSaham | NamaPerusahaanTercatat |
| 1 | ACES | AceHardwareIndonesiaTbk. |
| 2 | ADRO | Adaro EnergyTbk. |
| 3 | AKRA | AKRCorporindo Tbk. |
| 4 | ANTM | AnekaTambangTbk. |
| 5 | ASII | AstraInternationalTbk. |
| 6 | BBCA | BankCentralAsiaTbk. |
| 7 | BBNI | BankNegaraIndonesia(Persero)Tbk. |
| 8 | BBRI | BankRakyatIndonesia(Persero)Tbk. |
| 9 | BBTN | BankTabunganNegara(Persero)Tbk. |
| 10 | BMRI | BankMandiri(Persero) Tbk. |
| 11 | BRPT | BaritoPacificTbk. |
| 12 | BSDE | Bumi SerpongDamaiTbk. |
| 13 | BUKA | Bukalapak.comTbk. |
| 14 | CPIN | CharoenPokphand Indonesia Tbk |
| 15 | ERAA | ErajayaSwasembadaTbk. |
| 16 | EXCL | XLAxiata Tbk. |
| 17 | GGRM | GudangGaramTbk. |
| 18 | HMSP | H.M.SampoernaTbk. |
| 19 | ICBP | IndofoodCBP SuksesMakmurTbk. |
| 20 | INCO | ValeIndonesiaTbk. |
| 21 | INDF | IndofoodSukses Makmur Tbk. |
| 22 | INKP | IndahKiatPulp&Paper Tbk. |
| 23 | INTP | IndocementTunggalPrakarsaTbk. |
| 24 | ITMG | IndoTambangrayaMegahTbk. |
| 25 | JPFA | JapfaComfeedIndonesia Tbk. |
| 26 | JSMR | JasaMarga(Persero)Tbk. |
| 27 | KLBF | KalbeFarmaTbk. |
| 28 | MDKA | MerdekaCopperGold Tbk. |
| 29 | MEDC | MedcoEnergiInternasionalTbk. |
| 30 | MIKA | MitraKeluargaKaryasehat Tbk. |
| 31 | MNCN | MediaNusantaraCitraTbk. |
| 32 | PGAS | Perusahaan GasNegaraTbk. |
| 33 | PTBA | BukitAsamTbk. |
| 34 | PTPP | PP(Persero)Tbk. |
| 35 | PWON | PakuwonJati Tbk. |
| 36 | SMGR | Semen Indonesia(Persero)Tbk. |

|  |  |  |
| --- | --- | --- |
| 37 | TBIG | TowerBersama InfrastructureTbk. |
| 38 | TINS | Timah Tbk. |
| 39 | TKIM | PabrikKertasTjiwiKimiaTbk. |
| 40 | TLKM | Telkom Indonesia(Persero)Tbk. |
| 41 | TOWR | SaranaMenaraNusantaraTbk. |
| 42 | TPIA | ChandraAsriPetrochemicalTbk. |
| 43 | UNTR | UnitedTractors Tbk. |
| 44 | UNVR | UnileverIndonesiaTbk. |
| 45 | WIKA | WijayaKarya(Persero) Tbk. |

**Lampiran5**

**Data PerusahaanIndeksLQ-45yangterdaftardiBEItahun2022**

|  |  |  |
| --- | --- | --- |
| No. | KodeSaham | NamaPerusahaanTercatat |
| 1 | ADRO | AdaroEnergyIndonesia Tbk. |
| 2 | AMRT | SumberAlfariaTrijayaTbk. |
| 3 | ANTM | AnekaTambangTbk. |
| 4 | ARTO | BankJagoTbk. |
| 5 | ASII | AstraInternationalTbk. |
| 6 | BBCA | BankCentralAsiaTbk. |
| 7 | BBNI | BankNegaraIndonesia(Persero)Tbk. |
| 8 | BBRI | BankRakyatIndonesia(Persero)Tbk. |
| 9 | BBTN | BankTabunganNegara(Persero)Tbk. |
| 10 | BFIN | BFIFinanceIndonesiaTbk. |
| 11 | BMRI | BankMandiri(Persero) Tbk. |
| 12 | BRIS | BankSyariahIndonesiaTbk. |
| 13 | BRPT | BaritoPacificTbk. |
| 14 | BUKA | Bukalapak.comTbk. |
| 15 | CPIN | CharoenPokphand IndonesiaTbk |
| 16 | EMTK | ElangMahkotaTeknologiTbk. |
| 17 | ERAA | ErajayaSwasembadaTbk. |
| 18 | EXCL | XLAxiata Tbk. |
| 19 | GOTO | GoToGojekTokopedia Tbk. |
| 20 | HMSP | H.M.SampoernaTbk. |
| 21 | HRUM | HarumEnergyTbk. |
| 22 | ICBP | IndofoodCBP SuksesMakmurTbk. |
| 23 | INCO | ValeIndonesiaTbk. |
| 24 | INDF | IndofoodSukses MakmurTbk. |
| 25 | INDY | Indika EnergyTbk. |
| 26 | INKP | IndahKiatPulp&Paper Tbk. |
| 27 | INTP | IndocementTunggalPrakarsaTbk. |
| 28 | ITMG | IndoTambangrayaMegahTbk. |
| 29 | JPFA | JapfaComfeedIndonesia Tbk. |
| 30 | KLBF | KalbeFarmaTbk. |
| 31 | MDKA | MerdekaCopperGold Tbk. |
| 32 | MEDC | MedcoEnergiInternasionalTbk. |
| 33 | MIKA | MitraKeluargaKaryasehat Tbk. |
| 34 | MNCN | MediaNusantaraCitraTbk. |
| 35 | PGAS | Perusahaan GasNegaraTbk. |
| 36 | PTBA | BukitAsamTbk. |

|  |  |  |
| --- | --- | --- |
| 37 | SMGR | Semen Indonesia(Persero)Tbk. |
| 38 | TBIG | TowerBersama InfrastructureTbk. |
| 39 | TINS | Timah Tbk. |
| 40 | TLKM | Telkom Indonesia(Persero)Tbk. |
| 41 | TOWR | SaranaMenaraNusantaraTbk. |
| 42 | TPIA | ChandraAsriPetrochemicalTbk. |
| 43 | UNTR | UnitedTractors Tbk. |
| 44 | UNVR | UnileverIndonesiaTbk. |
| 45 | WIKA | WijayaKarya(Persero)Tbk. |

**Lampiran6**

**Data Saham Perusahaan Indeks LQ-45 yang Terdaftar di BEITahun2018-2022**

|  |  |  |  |
| --- | --- | --- | --- |
| No | KodeSaham | Tahun | Perusahaan yang tidak pernahkeluar pada Indeks LQ-45 daritahun2018-2022yangmenerbitkanLaporanKeuangandenganRupiah |
| 2018 | 2019 | 2020 | 2021 | 2022 |
| 1. | ACES |  |  |  |  |  |  |
| 2. | ADHI |  |  |  |  |  |  |
| 3. | ADRO |  |  |  |  |  |  |
| 4. | AKRA |  |  |  |  |  |  |
| 5. | ANTM |  |  |  |  |  |  |
| 6. | ARTO |  |  |  |  |  |  |
| 7. | ASII |  |  |  |  |  |  |
| 8. | BBCA |  |  |  |  |  |  |
| 9. | BBNI |  |  |  |  |  |  |
| 10. | BBRI |  |  |  |  |  |  |
| 11. | BBTN |  |  |  |  |  |  |
| 12. | BFIN |  |  |  |  |  |  |
| 13. | BJBR |  |  |  |  |  |  |
| 14. | BMRI |  |  |  |  |  |  |
| 15. | BMTR |  |  |  |  |  |  |
| 16. | BRIS |  |  |  |  |  |  |
| 17. | BRPT |  |  |  |  |  |  |
| 18. | BSDE |  |  |  |  |  |  |
| 19. | BTPS |  |  |  |  |  |  |
| 20. | BUKA |  |  |  |  |  |  |
| 21. | BUMI |  |  |  |  |  |  |
| 22. | CPIN |  |  |  |  |  |  |
| 23. | CTRA |  |  |  |  |  |  |
| 24. | EMTK |  |  |  |  |  |  |
| 25. | ERAA |  |  |  |  |  |  |
| 26. | EXCL |  |  |  |  |  |  |
| 27. | GGRM |  |  |  |  |  |  |
| 28. | GOTO |  |  |  |  |  |  |
| 29. | HMSP |  |  |  |  |  |  |
| 30. | HRUM |  |  |  |  |  |  |
| 31. | ICBP |  |  |  |  |  |  |
| 32. | INCO |  |  |  |  |  |  |
| 33. | INDF |  |  |  |  |  |  |
| 34. | INDY |  |  |  |  |  |  |
| 35. | INKP |  |  |  |  |  |  |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| 36. | INTP |  |  |  |  |  |  |
| 37. | ITMG |  |  |  |  |  |  |
| 38. | JPFA |  |  |  |  |  |  |
| 39. | JSMR |  |  |  |  |  |  |
| 40. | KLBF |  |  |  |  |  |  |
| 41. | LPKR |  |  |  |  |  |  |
| 42. | LPPF |  |  |  |  |  |  |
| 43. | MDKA |  |  |  |  |  |  |
| 44. | MIKA |  |  |  |  |  |  |
| 45. | MEDC |  |  |  |  |  |  |
| 46. | MNCN |  |  |  |  |  |  |
| 47. | MYRX |  |  |  |  |  |  |
| 48. | PGAS |  |  |  |  |  |  |
| 49. | PTBA |  |  |  |  |  |  |
| 50. | PTPP |  |  |  |  |  |  |
| 51. | PWON |  |  |  |  |  |  |
| 52. | SCMA |  |  |  |  |  |  |
| 53. | SMGR |  |  |  |  |  |  |
| 54. | SRILL |  |  |  |  |  |  |
| 55. | SSMS |  |  |  |  |  |  |
| 56. | TBIG |  |  |  |  |  |  |
| 57. | TINS |  |  |  |  |  |  |
| 58. | TKIM |  |  |  |  |  |  |
| 59. | TLKM |  |  |  |  |  |  |
| 60. | TOWR |  |  |  |  |  |  |
| 61. | TPIA |  |  |  |  |  |  |
| 62. | TRAM |  |  |  |  |  |  |
| 63. | UNTR |  |  |  |  |  |  |
| 64. | UNVR |  |  |  |  |  |  |
| 65. | WIKA |  |  |  |  |  |  |
| 66. | WSBP |  |  |  |  |  |  |
| 67. | WSKT |  |  |  |  |  |  |

Keterangan:

:Perusahaanyangdijadikansampelpenelitian

**Lampiran7.**

**HasilPerhitunganCurrentRatio**

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 2018 | CR | 2019 | CR | 2020 | CR | 2021 | CR | 2022 | CR |
| ANTM | 1,320052398 | ANTM | 1,448119032 | ANTM | 1,211465362 | ANTM | 1,787177463 | ANTM | 1,958379259 |
| ASII | 1.126.327.629 | ASII | 1,291070607 | ASII | 1,543202389 | ASII | 1,544277207 | ASII | 1,50856558 |
| BBCA | 0,028928455 | BBCA | 0,028176229 | BBCA | 0,024747731 | BBCA | 0,021739429 | BBCA | 1,209382771 |
| BBNI | 0,038922894 | BBNI | 0,038526021 | BBRI | 0,025177184 | BBNI | 0,032067773 | BBNI | 1,157589348 |
| BBRI | 0,024677496 | BBRI | 0,026566774 | HMSP | 2,454135534 | BBRI | 0,034602762 | BBRI | 1,19420486 |
| BBTN | 0,982870331 | BBTN | 0,981437538 | BBTN | 1,123942816 | BBTN | 1,134804952 | BBTN | 1,144493449 |
| BMRI | 1,285154155 | BMRI | 1,276339654 | BMRI | 1,241530794 | BMRI | 1,300784883 | BMRI | 1,290427456 |
| EXCL | 0,335591699 | EXCL | 0,448644257 | EXCL | 0,401501435 | EXCL | 0,369056989 | EXCL | 0,394996603 |
| GGRM | 2,058062631 | GGRM | 2,061906485 | GGRM | 2,912284086 | GGRM | 2,09073236 | GGRM | 1,903694694 |
| HMSP | 4,301965806 | HMSP | 3,27609023 | ICBP | 2,257612549 | HMSP | 1,881379426 | HMSP | 1,685149604 |
| ICBP | 1,951733408 | ICBP | 2,535694735 | BBNI | 0,036667237 | ICBP | 1,799184891 | ICBP | 3,096528431 |
| INDF | 1,066289874 | INDF | 1,272071153 | INDF | 1,373263142 | INDF | 1,341060248 | INDF | 1,786004413 |
| INTP | 3,137263673 | INTP | 3,312130388 | INTP | 2,917323141 | INTP | 2,439840388 | INTP | 2,138482984 |
| JSMR | 0,380093172 | JSMR | 0,27964286 | JSMR | 0,717142439 | JSMR | 0,862441585 | JSMR | 1,028347553 |
| KLBF | 4,657702692 | KLBF | 4,35468264 | KLBF | 4,115976955 | KLBF | 4,445187625 | KLBF | 3,77117683 |
| MNCN | 3,406594825 | MNCN | 3,569334144 | MNCN | 3,85138926 | MNCN | 3,130681021 | MNCN | 4,718649515 |
| PTBA | 2,315109764 | PTBA | 2,489716283 | PTBA | 2,159960976 | PTBA | 2,427990545 | PTBA | 2,282998529 |
| SMGR | 1,967161376 | SMGR | 1,360963075 | SMGR | 1,352718886 | SMGR | 1,07459934 | SMGR | 1,445443685 |
| TLKM | 0,935301874 | TLKM | 0,714797238 | TLKM | 0,673049368 | TLKM | 0,886389608 | TLKM | 0,782192987 |
| UNTR | 1,140739802 | UNTR | 1,559801438 | UNTR | 2,110205949 | UNTR | 1,987721299 | UNTR | 1,877614796 |
| UNVR | 0,732485398 | UNVR | 0,652899572 | UNVR | 0,660927285 | UNVR | 0,614071086 | UNVR | 0,608232789 |
| WIKA | 1,618717908 | WIKA | 1,394933423 | WIKA | 1,086316736 | WIKA | 1,005871429 | WIKA | 0,911707294 |

**Lampiran8.**

**HasilPerhitunganDebtToEquityRatio**

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 2018 | DER | 2019 | DER | 2020 | DER | 2021 | DER | 2022 | DER |
| ANTM | 0,745159996 | ANTM | 0,66515247 | ANTM | 0,666514244 | ANTM | 0,579689936 | ANTM | 0,418572279 |
| ASII | 0,976973326 | ASII | 0,88451674 | ASII | 0,730345759 | ASII | 0,70355031 | ASII | 0,695786148 |
| BBCA | 0,440476886 | BBCA | 4,249762919 | BBCA | 4,794084477 | BBCA | 5,027257171 | BBCA | 4,915008182 |
| BBNI | 6,081494095 | BBNI | 5,507741579 | BBNI | 6,611332725 | BBNI | 6,62597113 | BBNI | 6,345606577 |
| BBRI | 5,886720472 | BBRI | 5,666879547 | BBRI | 6,39456494 | BBRI | 4,751109067 | BBRI | 5,149201736 |
| BBTN | 11,85362565 | BBTN | 12,07997472 | BBTN | 16,07857886 | BBTN | 15,30802988 | BBTN | 13,56176935 |
| BMRI | 5,092731113 | BMRI | 4,90708212 | BMRI | 5,940614636 | BMRI | 5,972646797 | BMRI | 6,121405165 |
| EXCL | 2,140906405 | EXCL | 2,2802716 | EXCL | 2,539922735 | EXCL | 2,621594181 | EXCL | 2,38624252 |
| GGRM | 0,530959224 | GGRM | 0,530959224 | GGRM | 0,336092131 | GGRM | 0,517405769 | GGRM | 0,530743035 |
| HMSP | 3,180068867 | HMSP | 0,426658946 | HMSP | 0,642582264 | HMSP | 0,818700613 | HMSP | 0,944858547 |
| ICBP | 0,51349478 | ICBP | 4,513578368 | ICBP | 1,058671169 | ICBP | 1,157498055 | ICBP | 1,006255493 |
| INDF | 0,933974053 | INDF | 0,774799692 | INDF | 1,061417085 | INDF | 1,070320011 | INDF | 0,927231842 |
| INTP | 0,196669272 | INTP | 0,20049548 | INTP | 0,233061246 | INTP | 0,267453549 | INTP | 0,313757474 |
| JSMR | 3,080333617 | JSMR | 3,299176257 | JSMR | 3,201173049 | JSMR | 2,970260132 | JSMR | 2,557152268 |
| KLBF | 0,186445695 | KLBF | 0,2130512 | KLBF | 0,234635527 | KLBF | 0,206939841 | KLBF | 0,232787637 |
| MNCN | 0,535339572 | MNCN | 0,424009193 | MNCN | 0,308488224 | MNCN | 0,219779037 | MNCN | 0,126216878 |
| PTBA | 0,48576427 | PTBA | 0,416615019 | PTBA | 0,420182812 | PTBA | 0,489408513 | PTBA | 0,568651779 |
| SMGR | 0,557054899 | SMGR | 0,536072281 | SMGR | 1,187908761 | SMGR | 0,923044139 | SMGR | 0,756162912 |
| TLKM | 0,757806706 | TLKM | 8,866353945 | TLKM | 1,042725145 | TLKM | 0,906367994 | TLKM | 0,84368426 |
| UNTR | 1,038205663 | UNTR | 0,828068069 | UNTR | 0,580451039 | UNTR | 0,567210181 | UNTR | 0,569346634 |
| UNVR | 1,752950397 | UNVR | 2,909487033 | UNVR | 3,159023998 | UNVR | 3,412715802 | UNVR | 3,582672213 |
| WIKA | 2,440541328 | WIKA | 2,232291331 | WIKA | 3,088818345 | WIKA | 2,97966648 | WIKA | 3,291357651 |

**Lampiran9.**

**HasilPerhitunganReturnOnAssets**

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **2018** | **ROA** | **2019** | **ROA** | **2020** | **ROA** | **2021** | **ROA** | **2022** | **ROA** |
| ANTM | 0,050815 | ANTM | 0,006420024 | ANTM | 0,03622349 | ANTM | 0,056560071 | ANTM | 0,113143334 |
| ASII | 0,079406 | ASII | 0,075636866 | ASII | 0,05491081 | ASII | 0,069657593 | ASII | 0,11116703 |
| BBCA | 0,032447 | BBCA | 0,033883159 | BBCA | 0,02885581 | BBCA | 0,025943097 | BBCA | 0,028471858 |
| BBNI | 0,017607 | BBNI | 0,02174057 | BBNI | 0,00470385 | BBNI | 0,012149646 | BBNI | 0,014231473 |
| BBRI | 0,022315 | BBRI | 0,027879547 | BBRI | 0,01439193 | BBRI | 0,018076035 | BBRI | 0,026033537 |
| BBTN | 0,00908 | BBTN | 0,001787599 | BBTN | 0,00651344 | BBTN | 0,003815335 | BBTN | 0,004932896 |
| BMRI | 0,020408 | BMRI | 0,027056148 | BMRI | 0,01474284 | BMRI | 0,016411531 | BMRI | 0,022758105 |
| EXCL | 0,056933 | EXCL | 0,011572008 | EXCL | 0,00509524 | EXCL | 0,017916717 | EXCL | 0,11257011 |
| GGRM | 0,112784 | GGRM | 0,137323285 | GGRM | 0,09709134 | GGRM | 0,064119107 | GGRM | 0,032710077 |
| HMSP | 0,292458 | HMSP | 0,273698664 | HMSP | 0,17067882 | HMSP | 0,138700483 | HMSP | 0,116069924 |
| ICBP | 0,151507 | ICBP | 0,148194024 | ICBP | 0,07164555 | ICBP | 0,072249027 | ICBP | 0,052601863 |
| INDF | 0,065786 | INDF | 0,068490236 | INDF | 0,0566465 | INDF | 0,067616394 | INDF | 0,060150294 |
| INTP | 0,044693 | INTP | 0,067971924 | INTP | 0,06454201 | INTP | 0,071663102 | INTP | 0,071650817 |
| JSMR | 0,024709 | JSMR | 0,020028016 | JSMR | 0,00097392 | JSMR | 0,007786592 | JSMR | 0,00897107 |
| KLBF | 0,140674 | KLBF | 0,124020542 | KLBF | 0,12701423 | KLBF | 0,12500662 | KLBF | 0,128983192 |
| MNCN | 0,099735 | MNCN | 0,132452739 | MNCN | 6,5165E-07 | MNCN | 0,118998621 | MNCN | 0,099933238 |
| PTBA | 0,242485 | PTBA | 0,147265321 | PTBA | 0,09350929 | PTBA | 0,209722104 | PTBA | 0,281450379 |
| SMGR | 0,069262 | SMGR | 0,028420428 | SMGR | 0,02970578 | SMGR | 0,028196738 | SMGR | 0,035180817 |
| TLKM | 0,154809 | TLKM | 0,114824057 | TLKM | 0,10523076 | TLKM | 0,129617871 | TLKM | 0,107005291 |
| UNTR | 0,107841 | UNTR | 0,078333109 | UNTR | 0,05428768 | UNTR | 0,1061844 | UNTR | 0,199665073 |
| UNVR | 0,460373 | UNVR | 0,343359466 | UNVR | 0,34364414 | UNVR | 0,29980289 | UNVR | 0,300955491 |
| WIKA | 0,037372 | WIKA | 0,040700118 | WIKA | 0,00442771 | WIKA | 0,003412805 | WIKA | 0,000238057 |

**Lampiran10.**

**HasilPerhitunganReturnSaham**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Perusahaan | 2018 | 2019 | 2020 | 2021 | 2022 |
| ANTM | 0,224 | 0,098039 | 1,303571 | 0,162791 | -0,11778 |
| ASII | -0,00904 | -0,15805 | -0,12996 | -0,05394 | 0,328947 |
| BBCA | 0,187215 | 0,285577 | 0,012715 | 0,078287 | 0,171233 |
| BBNI | -0,11111 | -0,10795 | -0,21338 | 0,093117 | 0,366667 |
| BBRI | -0,00549 | 0,21547 | -0,05227 | -0,01439 | 0,201946 |
| BBTN | -0,28852 | -0,16535 | -0,18632 | 0,002899 | -0,21965 |
| BMRI | -0,07825 | 0,040683 | -0,17592 | 0,110689 | 0,41287 |
| EXCL | -0,33108 | 0,590909 | -0,13333 | 0,161172 | -0,32492 |
| GGRM | -0,00209 | -0,36622 | -0,22642 | -0,25366 | -0,41176 |
| HMSP | -0,21564 | -0,43396 | -0,28333 | -0,3588 | -0,12953 |
| ICBP | 0,118343 | 0,174603 | -0,16441 | -0,08356 | 0,144118 |
| INDF | -0,02295 | 0,063758 | -0,13565 | -0,07664 | 0,063241 |
| INTP | -0,15945 | 0,031165 | -0,23916 | -0,16408 | -0,18182 |
| JSMR | -0,33125 | 0,209112 | -0,10531 | -0,15983 | -0,23393 |
| KLBF | -0,10059 | 0,065789 | -0,08642 | 0,091216 | 0,294118 |
| MNCN | -0,46304 | 1,362319 | -0,30061 | -0,21053 | -0,17778 |
| PTBA | 0,747967 | -0,3814 | 0,056391 | -0,03559 | 0,361624 |
| SMGR | 0,161616 | 0,043478 | 0,035417 | -0,4165 | -0,0931 |
| TLKM | -0,14773 | 0,058667 | -0,16625 | 0,220544 | -0,07178 |
| UNTR | -0,2274 | -0,21298 | -0,01858 | 0,048521 | 0,177201 |
| UNVR | -0,18784 | -0,07489 | -0,125 | -0,44082 | 0,143552 |
| WIKA | 0,067742 | 0,202417 | -0,00251 | -0,44332 | -0,27602 |

**Lampiran 11.PerhitunganNilaiTukar**

|  |  |
| --- | --- |
| **Tahun** | **Nilai Tukar** |
| 2018 | 14481 |
| 2019 | 1394501 |
| 2020 | 1410501 |
| 2021 | 1426901 |
| 2022 | 1573100 |

**Lampiran 12.HasilSPSS**

**DescriptiveStatistics**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| N | Minimum | Maximum | Mean | Std.Deviation |
| CR | 108 | .02 | 4.72 | 1.5626 | 1.14284 |
| DER | 108 | .19 | 16.08 | 2.3251 | 2.97536 |
| ROA | 108 | .00 | 6.52 | .1443 | .62500 |
| NILAITUKAR | 108 | 13945.00 | 15731.00 | 14514.2963 | 643.32526 |
| RETURNSAHAM | 108 | -.46 | .75 | -.0458 | .22222 |
| ValidN(listwise) | 108 |  |  |  |  |

**ModelSummaryb**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Model R | RSquare | Adjusted RSquare | Std. Error of theEstimate | Durbin-Watson |
| 1 | .620a | .384 | .317 | .84828 | 1.995 |

1. Predictors:(Constant),NILAITUKAR,CR,DER,ROA
2. DependentVariable:*RETURN*

**Coefficientsa**

|  |  |  |
| --- | --- | --- |
| UnstandardizedCoefficients | StandardizedCoefficientsBeta | CollinearityStatistics |
| Model B | Std. Error | Tolerance | VIF |
| 1 | (Constant) | -5.750 | 2.909 |  |  |  |
| CR | -.297 | .136 | -.323 | .762 | 1.312 |
| DER | -.180 | .051 | -.515 | .776 | 1.289 |
| ROA | 2.336 | 2.023 | .169 | .774 | 1.292 |
| NILAITUKAR | .000 | .000 | .208 | .848 | 1.179 |

a.DependentVariable:*RETURN*

**One-SampleKolmogorov-SmirnovTest**

UnstandardizedResidual

|  |  |
| --- | --- |
| N | 108 |
| NormalParametersa,b Mean Std.Deviation | -.0242484.22150607 |
| MostExtremeDifferencesAbsolute Positive Negative | .056.056-.030 |
| TestStatistic | .056 |
| Asymp.Sig.(2-tailed) | .200c,d |

1. TestdistributionisNormal.
2. Calculatedfromdata.
3. LillieforsSignificanceCorrection.
4. Thisisalowerboundofthetruesignificance.

**Coefficientsa**

|  |  |  |  |
| --- | --- | --- | --- |
| UnstandardizedCoefficients | StandardizedCoefficientsBeta | t | Sig. |
| Model B | Std. Error |
| 1 | (Constant) | 2.492 | 1.619 |  | 1.539 | .132 |
| CR | -.070 | .076 | -.164 | -.924 | .361 |
| DER | .025 | .028 | .152 | .861 | .395 |
| ROA | 1.235 | 1.126 | .194 | 1.097 | .280 |
| NILAITUKAR | .000 | .000 | -.198 | -1.175 | .247 |

a.DependentVariable:ABSUt

**Coefficientsa**

|  |  |  |  |
| --- | --- | --- | --- |
| UnstandardizedCoefficients | StandardizedCoefficientsBeta | t | Sig. |
| Model B | Std. Error |
| 1 | (Constant) | -1.455 | .316 |  | -4.599 | .000 |
| CR | -.304 | .138 | -.330 | -2.198 | .034 |
| DER | -.197 | .051 | -.564 | -3.894 | .000 |
| ROA | 3.097 | 1.988 | .225 | 1.558 | .128 |

a.DependentVariable:*RETURN*

**ANOVAa**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Model Sum ofSquares | df | MeanSquare | F | Sig. |
| 1 | Regression | 15.009 | 3 | 5.003 | 6.739 | .001b |
| Residual | 28.210 | 38 | .742 |  |  |
| Total | 43.219 | 41 |  |  |  |

1. DependentVariable:*RETURN*
2. Predictors:(Constant),ROA,DER,CR

**Coefficientsa**

|  |  |  |  |
| --- | --- | --- | --- |
| UnstandardizedCoefficients | StandardizedCoefficientsBeta | t | Sig. |
| Model B | Std. Error |
| 1 | (Constant) | -7.738 | 3.203 |  | -2.416 | .021 |
| CR | .059 | .226 | .064 | .261 | .796 |
| DER | -.450 | .096 | -1.288 | -4.700 | .000 |
| ROA | 6.260 | 3.900 | .454 | 1.605 | .117 |
| InteraksiCR\_NilaiTukar | -.063 | .137 | -.094 | -.456 | .651 |
| InterkasiDER\_NilaiTukar | .870 | .284 | .901 | 3.063 | .004 |
| InteraksiROA\_NilaiTukar | -.290 | .315 | -.292 | -.919 | .364 |

a.DependentVariable:*RETURN*

**ANOVAa**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Model Sum ofSquares | df | MeanSquare | F | Sig. |
| 1 | Regression | 21.022 | 6 | 3.504 | 5.525 | .000b |
| Residual | 22.196 | 35 | .634 |  |  |
| Total | 43.219 | 41 |  |  |  |

1. DependentVariable:*RETURN*
2. Predictors:(Constant),MO3,MO1,DER,CR,ROA,MO2

**Lampiran13.**

**Datasemuavariabel**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| NamaPerus | 2018 | 2019 | 2020 | 2021 | 2022 | 2018 | 2019 | 2020 | 2021 | 2022 | 2018 | 2019 | 2020 | 2021 | 2022 | 2018 | 2019 | 2020 | 2021 | 2022 | 2018 | 2019 | 2020 | 2021 | 2022 |
|  |  |  |  |  |
| ahaan | CR(X1) | DER | ROA | NilaiTukar(MO) | *Return* Saham(Y) |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 14 | 13 | 14 | 14 | 15 |  |  |  |  | - |
| ANT | 1,3 | 1,4 | 1,2 | 1,7 | 1,9 | 0,7 | 0,6 | 0,6 | 0,5 | 1,1 | 0,0 | 0,0 | 0,0 | 0,0 | 0,1 | 48 | 94 | 10 | 26 | 73 | 0,2 | 0,0 | 1,3 | 0,1 | 0,1 |
| M | 20 | 48 | 11 | 87 | 58 | 45 | 65 | 67 | 80 | 50 | 51 | 06 | 36 | 57 | 13 | 1 | 5 | 5 | 5 | 1 | 24 | 98 | 04 | 63 | 18 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 14 | 13 | 14 | 14 | 15 | - | - | - | - |  |
|  | 1,1 | 1,2 | 1,5 | 1,5 | 1,5 | 0,9 | 0,8 | 0,7 | 0,7 | 0,6 | 0,0 | 0,0 | 0,0 | 0,0 | 0,1 | 48 | 94 | 10 | 26 | 73 | 0,0 | 0,1 | 0,1 | 0,0 | 0,3 |
| ASII | 26 | 91 | 43 | 44 | 09 | 77 | 85 | 30 | 04 | 96 | 79 | 76 | 55 | 70 | 11 | 1 | 5 | 5 | 5 | 1 | 09 | 58 | 30 | 54 | 29 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 14 | 13 | 14 | 14 | 15 |  |  |  |  |  |
| BBC | 0,0 | 0,0 | 0,0 | 0,0 | 1,2 | 0,4 | 4,2 | 4,7 | 5,0 | 0,9 | 0,0 | 0,0 | 0,0 | 0,0 | 0,0 | 48 | 94 | 10 | 26 | 73 | 0,1 | 0,2 | 0,0 | 0,0 | 0,1 |
| A | 29 | 28 | 25 | 22 | 09 | 40 | 50 | 94 | 27 | 54 | 32 | 34 | 29 | 26 | 28 | 1 | 5 | 5 | 5 | 1 | 87 | 86 | 13 | 78 | 71 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 14 | 13 | 14 | 14 | 15 | - | - | - |  |  |
|  | 0,0 | 0,0 | 0,0 | 0,0 | 1,1 | 6,0 | 5,5 | 6,6 | 6,6 | 0,9 | 0,0 | 0,0 | 0,0 | 0,0 | 0,0 | 48 | 94 | 10 | 26 | 73 | 0,1 | 0,1 | 0,2 | 0,0 | 0,3 |
| BBNI | 39 | 39 | 25 | 32 | 58 | 81 | 08 | 11 | 26 | 98 | 18 | 22 | 05 | 12 | 14 | 1 | 5 | 5 | 5 | 1 | 11 | 08 | 13 | 93 | 67 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 14 | 13 | 14 | 14 | 15 | - |  | - | - |  |
|  | 0,0 | 0,0 | 2,4 | 0,0 | 1,1 | 5,8 | 5,6 | 6,3 | 4,7 | 1,3 | 0,0 | 0,0 | 0,0 | 0,0 | 0,0 | 48 | 94 | 10 | 26 | 73 | 0,0 | 0,2 | 0,0 | 0,0 | 0,2 |
| BBRI | 25 | 27 | 54 | 35 | 94 | 87 | 67 | 95 | 51 | 46 | 22 | 28 | 14 | 18 | 26 | 1 | 5 | 5 | 5 | 1 | 05 | 15 | 52 | 14 | 02 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 14 | 13 | 14 | 14 | 15 | - | - | - |  | - |
| BBT | 0,9 | 0,9 | 1,1 | 1,1 | 1,1 | 11, | 12, | 16, | 15, | 1,0 | 0,0 | 0,0 | 0,0 | 0,0 | 0,0 | 48 | 94 | 10 | 26 | 73 | 0,2 | 0,1 | 0,1 | 0,0 | 0,2 |
| N | 83 | 81 | 24 | 35 | 44 | 854 | 080 | 079 | 308 | 50 | 09 | 02 | 07 | 04 | 05 | 1 | 5 | 5 | 5 | 1 | 89 | 65 | 86 | 03 | 20 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 14 | 13 | 14 | 14 | 15 | - |  | - |  |  |
|  | 1,2 | 1,2 | 1,2 | 1,3 | 1,2 | 5,0 | 4,9 | 5,9 | 5,9 | 0,9 | 0,0 | 0,0 | 0,0 | 0,0 | 0,0 | 48 | 94 | 10 | 26 | 73 | 0,0 | 0,0 | 0,1 | 0,1 | 0,4 |
| BMRI | 85 | 76 | 42 | 01 | 90 | 93 | 07 | 41 | 73 | 95 | 20 | 27 | 15 | 16 | 23 | 1 | 5 | 5 | 5 | 1 | 78 | 41 | 76 | 11 | 13 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 14 | 13 | 14 | 14 | 15 | - |  | - |  | - |
| EXC | 0,3 | 0,4 | 0,4 | 0,3 | 0,3 | 2,1 | 2,2 | 2,5 | 2,6 | 0,9 | 0,0 | 0,0 | 0,0 | 0,0 | 0,1 | 48 | 94 | 10 | 26 | 73 | 0,3 | 0,5 | 0,1 | 0,1 | 0,3 |
| L | 36 | 49 | 02 | 69 | 95 | 41 | 80 | 40 | 22 | 69 | 57 | 12 | 05 | 18 | 13 | 1 | 5 | 5 | 5 | 1 | 31 | 91 | 33 | 61 | 25 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 14 | 13 | 14 | 14 | 15 | - | - | - | - | - |
| GGR | 2,0 | 2,0 | 2,9 | 2,0 | 1,9 | 0,5 | 0,5 | 0,3 | 0,5 | 0,6 | 0,1 | 0,1 | 0,0 | 0,0 | 0,0 | 48 | 94 | 10 | 26 | 73 | 0,0 | 0,3 | 0,2 | 0,2 | 0,4 |
| M | 58 | 62 | 12 | 91 | 04 | 31 | 31 | 36 | 17 | 50 | 13 | 37 | 97 | 64 | 33 | 1 | 5 | 5 | 5 | 1 | 02 | 66 | 26 | 54 | 12 |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 14 | 13 | 14 | 14 | 15 | - | - | - | - | - |
| HMS | 4,3 | 3,2 | 2,2 | 1,8 | 1,6 | 3,1 | 0,4 | 0,6 | 0,8 | 0,7 | 0,2 | 0,2 | 0,1 | 0,1 | 0,1 | 48 | 94 | 10 | 26 | 73 | 0,2 | 0,4 | 0,2 | 0,3 | 0,1 |
| P | 02 | 76 | 58 | 81 | 85 | 80 | 27 | 43 | 19 | 85 | 92 | 74 | 71 | 39 | 16 | 1 | 5 | 5 | 5 | 1 | 16 | 34 | 83 | 59 | 30 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 14 | 13 | 14 | 14 | 15 |  |  | - | - |  |
|  | 1,9 | 2,5 | 0,0 | 1,7 | 3,0 | 0,5 | 4,5 | 1,0 | 1,1 | 0,9 | 0,1 | 0,1 | 0,0 | 0,0 | 0,0 | 48 | 94 | 10 | 26 | 73 | 0,1 | 0,1 | 0,1 | 0,0 | 0,1 |
| ICBP | 52 | 36 | 37 | 99 | 97 | 13 | 14 | 59 | 57 | 15 | 52 | 48 | 72 | 72 | 53 | 1 | 5 | 5 | 5 | 1 | 18 | 75 | 64 | 84 | 44 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 14 | 13 | 14 | 14 | 15 | - |  | - | - |  |
|  | 1,0 | 1,2 | 1,3 | 1,3 | 1,7 | 0,9 | 0,7 | 1,0 | 1,0 | 0,9 | 0,0 | 0,0 | 0,0 | 0,0 | 0,0 | 48 | 94 | 10 | 26 | 73 | 0,0 | 0,0 | 0,1 | 0,0 | 0,0 |
| INDF | 66 | 72 | 73 | 41 | 86 | 34 | 75 | 61 | 70 | 92 | 66 | 68 | 57 | 68 | 60 | 1 | 5 | 5 | 5 | 1 | 23 | 64 | 36 | 77 | 63 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 14 | 13 | 14 | 14 | 15 | - |  | - | - | - |
|  | 3,1 | 3,3 | 2,9 | 2,4 | 2,1 | 0,1 | 0,2 | 0,2 | 0,2 | 0,8 | 0,0 | 0,0 | 0,0 | 0,0 | 0,0 | 48 | 94 | 10 | 26 | 73 | 0,1 | 0,0 | 0,2 | 0,1 | 0,1 |
| INTP | 37 | 12 | 17 | 40 | 38 | 97 | 00 | 33 | 67 | 71 | 45 | 68 | 65 | 72 | 72 | 1 | 5 | 5 | 5 | 1 | 59 | 31 | 39 | 64 | 82 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 14 | 13 | 14 | 14 | 15 | - |  | - | - | - |
|  | 0,3 | 0,2 | 0,7 | 0,8 | 1,0 | 3,0 | 3,2 | 3,2 | 2,9 | 1,0 | 0,0 | 0,0 | 0,0 | 0,0 | 0,0 | 48 | 94 | 10 | 26 | 73 | 0,3 | 0,2 | 0,1 | 0,1 | 0,2 |
| JSMR | 80 | 80 | 17 | 62 | 28 | 80 | 99 | 01 | 70 | 78 | 25 | 20 | 01 | 08 | 09 | 1 | 5 | 5 | 5 | 1 | 31 | 09 | 05 | 60 | 34 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 14 | 13 | 14 | 14 | 15 | - |  | - |  |  |
|  | 4,6 | 4,3 | 4,1 | 4,4 | 3,7 | 0,1 | 0,2 | 0,2 | 0,2 | 1,1 | 0,1 | 0,1 | 0,1 | 0,1 | 0,1 | 48 | 94 | 10 | 26 | 73 | 0,1 | 0,0 | 0,0 | 0,0 | 0,2 |
| KLBF | 58 | 55 | 16 | 45 | 71 | 86 | 13 | 35 | 07 | 34 | 41 | 24 | 27 | 25 | 29 | 1 | 5 | 5 | 5 | 1 | 01 | 66 | 86 | 91 | 94 |
| MNC | 3,4 | 3,5 | 3,8 | 3,1 | 4,7 | 0,5 | 0,4 | 0,3 | 0,2 | 1,4 | 0,1 | 0,1 | 0,0 | 0,1 | 0,1 | 1448 | 1394 | 1410 | 1426 | 1573 | -0,4 | 1,3 | -0,3 | -0,2 | -0,1 |
| N | 07 | 69 | 51 | 31 | 19 | 35 | 24 | 08 | 20 | 04 | 00 | 32 | 00 | 19 | 00 | 1 | 5 | 5 | 5 | 1 | 63 | 62 | 01 | 11 | 78 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 14 | 13 | 14 | 14 | 15 |  | - |  | - |  |
|  | 2,3 | 2,4 | 2,1 | 2,4 | 2,2 | 0,4 | 0,4 | 0,4 | 0,4 | 0,8 | 0,2 | 0,1 | 0,0 | 0,2 | 0,2 | 48 | 94 | 10 | 26 | 73 | 0,7 | 0,3 | 0,0 | 0,0 | 0,3 |
| PTBA | 15 | 90 | 60 | 28 | 83 | 86 | 17 | 20 | 89 | 59 | 42 | 47 | 94 | 10 | 81 | 1 | 5 | 5 | 5 | 1 | 48 | 81 | 56 | 36 | 62 |
| SMG | 1,9 | 1,3 | 1,3 | 1,0 | 1,4 | 0,5 | 0,5 | 1,1 | 0,9 | 1,2 | 0,0 | 0,0 | 0,0 | 0,0 | 0,0 | 1448 | 1394 | 1410 | 1426 | 1573 | 0,1 | 0,0 | 0,0 | -0,4 | -0,0 |
| R | 67 | 61 | 53 | 75 | 45 | 57 | 36 | 88 | 23 | 87 | 69 | 28 | 30 | 28 | 35 | 1 | 5 | 5 | 5 | 1 | 62 | 43 | 35 | 16 | 93 |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 14 | 13 | 14 | 14 | 15 | - |  | - |  | - |
| TLK | 0,9 | 0,7 | 0,6 | 0,8 | 0,7 | 0,7 | 8,8 | 1,0 | 0,9 | 0,8 | 0,1 | 0,1 | 0,1 | 0,1 | 0,1 | 48 | 94 | 10 | 26 | 73 | 0,1 | 0,0 | 0,1 | 0,2 | 0,0 |
| M | 35 | 15 | 73 | 86 | 82 | 58 | 66 | 43 | 06 | 44 | 55 | 15 | 05 | 30 | 07 | 1 | 5 | 5 | 5 | 1 | 48 | 59 | 66 | 21 | 72 |
| UNT | 1,1 | 1,5 | 2,1 | 1,9 | 1,8 | 1,0 | 0,8 | 0,5 | 0,5 | 1,0 | 0,1 | 0,0 | 0,0 | 0,1 | 0,2 | 1448 | 1394 | 1410 | 1426 | 1573 | -0,2 | -0,2 | -0,0 | 0,0 | 0,1 |
| R | 41 | 60 | 10 | 88 | 78 | 38 | 28 | 80 | 67 | 23 | 08 | 78 | 54 | 06 | 00 | 1 | 5 | 5 | 5 | 1 | 27 | 13 | 19 | 49 | 77 |
| UNV | 0,7 | 0,6 | 0,6 | 0,6 | 0,6 | 1,7 | 2,9 | 3,1 | 3,4 | 0,9 | 0,4 | 0,3 | 0,3 | 0,3 | 0,3 | 1448 | 1394 | 1410 | 1426 | 1573 | -0,1 | -0,0 | -0,1 | -0,4 | 0,1 |
| R | 32 | 53 | 61 | 14 | 08 | 53 | 09 | 59 | 13 | 26 | 60 | 43 | 44 | 00 | 01 | 1 | 5 | 5 | 5 | 1 | 88 | 75 | 25 | 41 | 44 |
| WIK | 1,6 | 1,3 | 1,0 | 1,0 | 0,9 | 2,4 | 2,2 | 3,0 | 2,9 | 1,0 | 0,0 | 0,0 | 0,0 | 0,0 | 0,0 | 1448 | 1394 | 1410 | 1426 | 1573 | 0,0 | 0,2 | -0,0 | -0,4 | -0,2 |
| A | 19 | 95 | 86 | 06 | 12 | 41 | 32 | 89 | 80 | 37 | 37 | 41 | 04 | 03 | 00 | 1 | 5 | 5 | 5 | 1 | 68 | 02 | 03 | 43 | 76 |

**Lampiran14.Tabelujit**



**Lampiran15.TabelUjiF**

