

# LAMPIRAN



## Lampiran I

### Daftar Perusahaan Manufaktur yang terdaftar di Bursa Efek Indonesia (BEI)

Periode 2014-2018

| No. | Nama Perusahaan                      | KODE  |
|-----|--------------------------------------|-------|
| 1.  | PT Polychem Indonesia Tbk            | ADMG  |
| 2.  | PT Aneka Gas Industri Tbk            | AGII  |
| 3.  | PT Argha Karya Prima Industry Tbk    | AKPI  |
| 4.  | PT Alkindo Naratama Tbk              | ALDO  |
| 5.  | PT Alaska Industrindo Tbk            | ALKA  |
| 6.  | PT Alumindo Light Metal Industry Tbk | ALMII |
| 7.  | PT Asahimas Flat Glass Tbk           | AMFG  |
| 8.  | PT Asiaplast Industries Tbk          | APLI  |
| 9.  | PT Arwana Citramulia Tbk             | ARNA  |
| 10. | PT Saranacentral Bajatama Tbk        | BAJA  |
| 11. | PT Berlina Tbk                       | BRNA  |
| 12. | PT Barito Pacific Tbk                | BRPT  |
| 13. | PT Betonjaya Manunggal Tbk           | BTON  |
| 14. | PT Cahayaputra Asa Keramik Tbk       | CAKK  |
| 15. | PT Charoen Pokphand Indonesia Tbk    | CPIN  |
| 16. | PT Central Proteina Prima Tbk        | CPRO  |
| 17. | PT Citra Tubindo Tbk                 | CTBN  |
| 18. | PT Duta Pertiwi Nusantara Tbk        | DPNS  |
| 19. | PT Ekadharma International Tbk       | EKAD  |
| 20. | PT Eterindo Wahanatama Tbk           | ETWA  |
| 21. | PT Fajar Surya Wisesa Tbk            | FASW  |
| 22. | PT Lotte Chemical Titan Tbk          | FPNI  |
| 23. | PT Gunawan Dianjaya Steel Tbk        | GDST  |
| 24. | PT Champion Pacific Indonesia Tbk    | IGAR  |
| 25. | PT Impack Pratama Industri Tbk       | IMPC  |
| 26. | PT Indal Alumunium Industry Tbk      | INAI  |
| 27. | PT Indo Komoditi Korpora Tbk         | INCF  |
| 28. | PT Intanwijaya Internasional Tbk     | INCI  |
| 29. | PT Indah Kiat Pulp & Paper Tbk       | INKP  |
| 30. | PT Inocycle Technology Group Tbk     | INOV  |
| 31. | PT Toba Pulp Lestari Tbk             | INRU  |
| 32. | PT Indocement Tunggal Prakarsa Tbk   | INTP  |
| 33. | PT Indopoly Swakarsa Industry Tbk    | IPOL  |

|     |                                         |      |
|-----|-----------------------------------------|------|
| 34. | PT Steel Pipe Industry of Indonesia Tbk | ISSP |
| 35. | PT Jakarta Kyoei Steel Works Tbk        | JKSW |

|     |                                        |      |
|-----|----------------------------------------|------|
| 36. | PT Japfa Comfeed Indonesia Tbk         | JPFA |
| 37. | PT Kertas Basuki Rachmat Indonesia Tbk | KBRI |
| 38. | PT Keramik Indonesia Asosiasi Tbk      | KIAS |
| 39. | PT Kirana Megantara Tbk                | KMTR |
| 40. | PT Krakatau Steel (Persero) Tbk        | KRAS |
| 41. | PT Lion Metal Works Tbk                | LION |
| 42. | PT Lionmesh Prima Tbk                  | LMSH |
| 43. | PT Malindo Feedmill Tbk                | MAIN |
| 44. | PT Mark Dynamics Indonesia Tbk         | MARK |
| 45. | PT Emdeki Utama Tbk                    | MDKI |
| 46. | PT Mulia Industrindo Tbk               | MLIA |
| 47. | PT Madusari Murni Indah Tbk            | MOLI |
| 48. | PT Pelat Timah Nusantara Tbk           | NIKL |
| 49. | PT Panca Budi Idaman Tbk               | PBID |
| 50. | PT Pelangi Indah Carindo Tbk           | PICO |
| 51. | PT Sierad Produce Canindo Tbk          | SIPD |
| 52. | PT Semen Baturaja Tbk                  | SMBR |
| 53. | PT Solusi Bangun Indonesia Tbk         | SMCB |
| 54. | PT Semen Indonesia (Persero) Tbk       | SMGR |
| 55. | PT Saytamitra Kemas Lestari Tbk        | SMKL |
| 56. | PT Suparma Tbk                         | SPMA |
| 57. | PT Indo Acidatama Tbk                  | SRSN |
| 58. | PT SLJ Global Tbk                      | SULI |
| 59. | PT Sriwahana Adityakarta Tbk           | SWAT |
| 60. | PT Tunas Alfin Tbk                     | TALF |
| 61. | PT Tembaga Mulia Semanan Tbk           | TBMS |
| 62. | PT Tridomain Performance Material Tbk  | TDPM |
| 63. | PT Tirta Mahakam Resources Tbk         | TIRT |
| 64. | PT Pabrik Kertas Tjiwi Kimia Tbk       | TKIM |
| 65. | PT Surya Toto Indonesia Tbk            | TOTO |
| 66. | PT Chandra Asri Petrochemichal Tbk     | TPIA |
| 67. | PT Tria Sentosa Tbk                    | TRST |
| 68. | PT Unggul Indah Cahaya Tbk             | UNIC |
| 69. | PT Waskita Beton Precast Tbk           | WSBP |
| 70. | PT Wijaya Karya Beton Tbk              | WTON |
| 71. | PT Yanaprima Hastapersada Tbk          | YPAS |

|     |                                  |      |
|-----|----------------------------------|------|
| 72. | PT Akasha Wira International Tbk | ADES |
| 73. | PT Tiga Pilar Sejahtera Food Tbk | AISA |
| 74. | PT Tri Banyan Tirta Tbk          | ALTO |
| 75. | PT Bumi Teknokultra Unggul Tbk   | BTEK |
| 76. | PT Budi Strach & Sweetener Tbk   | BUDI |

|      |                                    |      |
|------|------------------------------------|------|
| 77.  | PT Campina Ice Cream Industry Tbk  | CAMP |
| 78.  | PT Wilmar Cahaya Indonesia Tbk     | CEKA |
| 79.  | PT Chitose Internasional Tbk       | CINT |
| 80.  | PT Sariguna Primatirta Tbk         | CINT |
| 81.  | PT Wahana Interfood Nusantara Tbk  | COCO |
| 82.  | PT Delta Djakarta Tbk              | DLTA |
| 83.  | PT Darya-Varia Laboratoria Tbk     | DVLA |
| 84.  | PT Sentra Food Indonesia Tbk       | FOOD |
| 85.  | PT Gudang Garam Tbk                | GGRM |
| 86.  | PT Garudafood Putra Putri Jaya Tbk | GOOD |
| 87.  | PT H.M. Sampoerna Tbk              | HMSP |
| 88.  | PT Buyung Poetra Sembada Tbk       | HOKI |
| 89.  | PT Hartadinata Abadi Tbk           | HRTA |
| 90.  | PT Indofood CBP Sukses Makmur Tbk  | ICBP |
| 91.  | PT Inti Agri Resources Tbk         | IIKP |
| 92.  | PT Indofarma (Persero) Tbk         | INAF |
| 93.  | PT Indofood Sukses Makmur Tbk      | INDF |
| 94.  | PT Indonesia Tobacco Tbk           | ITIC |
| 95.  | PT Kimia Farma (Persero) Tbk       | KAEF |
| 96.  | PT Kedaung Indah Can Tbk           | KICI |
| 97.  | PT Kino Indonesia Tbk              | KINO |
| 98.  | PT Kalbe Farma Tbk                 | KLBF |
| 99.  | PT Cottonindo Ariesta Tbk          | KPAS |
| 100. | PT Langgeng Makmur Industri Tbk    | LMPI |
| 101. | PT Martina Berto Tbk               | MBTO |
| 102. | PT Merck Tbk                       | MERK |
| 103. | PT Magna Investama Mandiri Tbk     | MGNA |
| 104. | PT Multi Bintang Indonesia Tbk     | MLBI |
| 105. | PT Mustika Ratu Tbk                | MRAT |
| 106. | PT Mayora Indah Tbk                | MYOR |
| 107. | PT Pratama Abadi Nusa Industri Tbk | PANI |
| 108. | PT Prima Cakrawala Abadi Tbk       | PCAR |
| 109. | PT Phapros Tbk                     | PEHA |

|      |                                              |      |
|------|----------------------------------------------|------|
| 110. | PT Prasidha Aneka Niaga Tbk                  | PSDN |
| 111. | PT Pyridam Farma Tbk                         | PYFA |
| 112. | PT Bentoel Internasional Investama Tbk       | RMBA |
| 113. | PT Nippon Indosari Corporindo Tbk            | ROTI |
| 114. | PT Merck Sharp Dohme Pharma Tbk              | SCPI |
| 115. | PT Industri Jamu dan Farmasi Sido Muncul Tbk | SIDO |
| 116. | PT Sekar Bumi Tbk                            | SKBM |
| 117. | PT Sekar laut Tbk                            | SKLT |

|      |                                              |      |
|------|----------------------------------------------|------|
| 118. | PT Siantar Top Tbk                           | STTP |
| 119. | PT Mandom Indonesia Tbk                      | TCID |
| 120. | PT Tempo Scan Pacific Tbk                    | TSPC |
| 121. | PT Ultra Jaya Milk Industry Tbk              | ULTJ |
| 122. | PT Unilever Indonesia Tbk                    | UNVR |
| 123. | PT Wismilak Inti Makmur Tbk                  | WIIM |
| 124. | PT Integra Indocabinet Tbk                   | WOOD |
| 125. | PT Ateliers Mecaniques D'Indonesie Tbk       | AMIN |
| 126. | PT Argo Pantes Tbk                           | ARGO |
| 127. | PT Arkha Jayanti Persada Tbk                 | ARKA |
| 128. | PT Astra International Tbk                   | ASII |
| 129. | PT Astra Otoparts Tbk                        | AUTO |
| 130. | PT Sepatu Bata Tbk                           | BATA |
| 131. | PT Trisula Textile Industries Tbk            | BELL |
| 132. | PT Primarindo Asia Infrastructure Tbk        | BIMA |
| 133. | PT Garuda Metalindo Tbk                      | BOLT |
| 134. | PT Indo Kordsa Tbk                           | BRAM |
| 135. | PT Communication Cable Systems Indonesia Tbk | CCSI |
| 136. | PT Century Textile Industry Tbk              | CNTX |
| 137. | PT Eratex Djaja Tbk                          | ERTX |
| 138. | PT Goodyear Indonesia Tbk                    | GDYR |
| 139. | PT Gajah Tunggal Tbk                         | GJTL |
| 140. | PT Garuda Maintenance Facility Aero Asia Tbk | GMFI |
| 141. | PT Pania Indo Resources Tbk                  | HDTX |
| 142. | PT Sumi Indo Kabel Tbk                       | IKBI |
| 143. | PT Indomobil Sukses Internasional Tbk        | IMAS |
| 144. | PT Indo-Rama Synthetics Tbk                  | INDR |
| 145. | PT Indospring Tbk                            | INDS |
| 146. | PT Jembo Cable Company Tbk                   | JECC |
| 147. | PT Sky Energy Indonesia Tbk                  | JSKY |

|      |                                        |      |
|------|----------------------------------------|------|
| 148. | PT KMI Wire & Cable Tbk                | KBLI |
| 149. | PT Kabelindo Murni Tbk                 | KBLM |
| 150. | PT Inti Keramik Alam Sari Industri Tbk | IKAI |
| 151. | PT Jaya Pari Steel Tbk                 | JPRS |
| 152. | PT Alam Karya Unggul Tbk               | AKKU |
| 153. | PT Sekawan Intipratama Tbk             | SIAP |
| 154. | PT Siwani Makmur Tbk                   | SIMA |
| 155. | PT Dwi Aneka Jaya Kemasindo Tbk        | DAJK |
| 156. | PT Kedawung Setia Industrial Tbk       | KDSI |
| 157. | PT Grand Kartech Tbk                   | KRAH |
| 158. | PT Multi Prima Sejahtera Tbk           | LPIN |
| 159. | PT Multistrada Arah Sarana Tbk         | MASA |
| 160. | PT Nipress Tbk                         | NIPS |
| 161. | PT Prima Alloy Steel Universal Tbk     | PRAS |
| 162. | PT Selamat Sempurna Tbk                | SMM  |
| 163. | PT Ever Shine Tex Tbk                  | ESTI |
| 164. | PT Apac Citra Centertex Tbk            | MYTX |
| 165. | PT Pan Brothers Tbk                    | PBRX |
| 166. | PT Asia Pasific Fibers Tbk             | POLY |
| 167. | PT Ricky Putra Globalindo Tbk          | RICY |
| 168. | PT Sri Rejeki Isman Tbk                | SRIL |
| 169. | PT Sunson Textile Manufacturer Tbk     | SSTM |
| 170. | PT Star Petrochem Tbk                  | STAR |
| 171. | PT Tifico Fiber Indonesia Tbk          | TFCO |
| 172. | PT Trisula Textile International Tbk   | TRIS |
| 173. | PT Nusantara Inti Corporata Tbk        | UNIT |

## Lampiran II

### Daftar Perusahaan yang tidak memiliki Beban penleitian dan Pengembangan

| No. | Nama Perusahaan                      | Kode Listing |
|-----|--------------------------------------|--------------|
| 1.  | PT Polychem Indonesia Tbk            | ADMG         |
| 2.  | PT Aneka Gas Industri Tbk            | AGII         |
| 3.  | PT Argha Karya Prima Industry Tbk    | AKPI         |
| 4.  | PT Alkindo Naratama Tbk              | ALDO         |
| 5.  | PT Alumindo Light Metal Industry Tbk | ALMII        |
| 6.  | PT Asahimas Flat Glass Tbk           | AMFG         |
| 7.  | PT Asiaplast Industries Tbk          | APLI         |
| 8.  | PT Arwana Citramulia Tbk             | ARNA         |
| 9.  | PT Saranacentral Bajatama Tbk        | BAJA         |
| 10. | PT Berlina Tbk                       | BRNA         |
| 11. | PT Barito Pacific Tbk                | BRPT         |
| 12. | PT Betonjaya Manunggal Tbk           | BTON         |
| 13. | PT Cahayaputra Asa Keramik Tbk       | CAKK         |
| 14. | PT Charoen Pokphand Indonesia Tbk    | CPIN         |
| 15. | PT Central Proteina Prima Tbk        | CPRO         |
| 16. | PT Citra Tubindo Tbk                 | CTBN         |
| 17. | PT Duta Pertiwi Nusantara Tbk        | DPNS         |
| 18. | PT Ekadharma International Tbk       | EKAD         |
| 19. | PT Eterindo Wahanatama Tbk           | ETWA         |
| 20. | PT Fajar Surya Wisesa Tbk            | FASW         |
| 21. | PT Lotte Chemical Titan Tbk          | FPNI         |
| 22. | PT Gunawan Dianjaya Steel Tbk        | GDST         |
| 23. | PT Impack Pratama Industri Tbk       | IMPC         |
| 24. | PT Indal Alumunium Industry Tbk      | INAI         |
| 25. | PT Indo Komoditi Korpora Tbk         | INCF         |
| 26. | PT Intanwijaya Internasional Tbk     | INCI         |
| 27. | PT Indah Kiat Pulp & Paper Tbk       | INKP         |

|     |                                         |      |
|-----|-----------------------------------------|------|
| 28. | PT Inocycle Technology Group Tbk        | INOV |
| 29. | PT Indopoly Swakarsa Industry Tbk       | IPOL |
| 30. | PT Steel Pipe Industry of Indonesia Tbk | ISSP |
| 31. | PT Japfa Comfeed Indonesia Tbk          | JPFA |
| 32. | PT Kertas Basuki Rachmat Indonesia Tbk  | KBRI |
| 33. | PT Keramik Indonesia Asosiasi Tbk       | KIAS |
| 34. | PT Kirana Megantara Tbk                 | KMTR |
| 35. | PT Krakatau Steel (Persero) Tbk         | KRAS |

|     |                                       |      |
|-----|---------------------------------------|------|
| 36. | PT Lion Metal Works Tbk               | LION |
| 37. | PT Lionmesh Prima Tbk                 | LMSH |
| 38. | PT Malindo Feedmill Tbk               | MAIN |
| 39. | PT Emdeki Utama Tbk                   | MDKI |
| 40. | PT Mulia Industrindo Tbk              | MLIA |
| 41. | PT Madusari Murni Indah Tbk           | MOLI |
| 42. | PT Panca Budi Idaman Tbk              | PBID |
| 43. | PT Pelangi Indah Carindo Tbk          | PICO |
| 44. | PT Sierad Produce Canindo Tbk         | SIPD |
| 45. | PT Semen Baturaja Tbk                 | SMBR |
| 46. | PT Solusi Bangun Indonesia Tbk        | SMCB |
| 47. | PT Saytamitra Kemas Lestari Tbk       | SMKL |
| 48. | PT Suparma Tbk                        | SPMA |
| 49. | PT Indo Acidatama Tbk                 | SRSN |
| 50. | PT SLJ Global Tbk                     | SULI |
| 51. | PT Sriwahana Adityakarta Tbk          | SWAT |
| 52. | PT Tunas Alfin Tbk                    | TALF |
| 53. | PT Tembaga Mulia Semanan Tbk          | TBMS |
| 54. | PT Tridomain Performance Material Tbk | TDPM |
| 55. | PT Tirta Mahakam Resources Tbk        | TIRT |
| 56. | PT Pabrik Kertas Tjiwi Kimia Tbk      | TKIM |
| 57. | PT Surya Toto Indonesia Tbk           | TOTO |
| 58. | PT Chandra Asri Petrochemichal Tbk    | TPIA |
| 59. | PT Tria Sentosa Tbk                   | TRST |
| 60. | PT Unggul Indah Cahaya Tbk            | UNIC |
| 61. | PT Waskita Beton Precast Tbk          | WSBP |
| 62. | PT Wijaya Karya Beton Tbk             | WTON |
| 63. | PT Yanaprima Hastapersada Tbk         | YPAS |
| 64. | PT Akasha Wira International Tbk      | ADES |
| 65. | PT Tri Banyan Tirta Tbk               | ALTO |

|     |                                    |      |
|-----|------------------------------------|------|
| 66. | PT Bumi Teknokultra Unggul Tbk     | BTEK |
| 67. | PT Budi Strach & Sweetener Tbk     | BUDI |
| 68. | PT Campina Ice Cream Industry Tbk  | CAMP |
| 69. | PT Chitose Internasional Tbk       | CINT |
| 70. | PT Sariguna Primatirta Tbk         | CINT |
| 71. | PT Wahana Interfood Nusantara Tbk  | COCO |
| 72. | PT Delta Djakarta Tbk              | DLTA |
| 73. | PT Sentra Food Indonesia Tbk       | FOOD |
| 74. | PT Gudang Garam Tbk                | GGRM |
| 75. | PT Garudafood Putra Putri Jaya Tbk | GOOD |
| 76. | PT H.M. Sampoerna Tbk              | HMSP |

|      |                                        |      |
|------|----------------------------------------|------|
| 77.  | PT Buyung Poetra Sembada Tbk           | HOKI |
| 78.  | PT Hartadinata Abadi Tbk               | HRTA |
| 79.  | PT Indofood CBP Sukses Makmur Tbk      | ICBP |
| 80.  | PT Inti Agri Resources Tbk             | IIKP |
| 81.  | PT Indofood Sukses Makmur Tbk          | INDF |
| 82.  | PT Indonesia Tobacco Tbk               | ITIC |
| 83.  | PT Kedaung Indah Can Tbk               | KICI |
| 84.  | PT Cottonindo Ariesta Tbk              | KPAS |
| 85.  | PT Langgeng Makmur Industri Tbk        | LMPI |
| 86.  | PT Magna Investama Mandiri Tbk         | MGNA |
| 87.  | PT Multi Bintang Indonesia Tbk         | MLBI |
| 88.  | PT Mustika Ratu Tbk                    | MRAT |
| 89.  | PT Mayora Indah Tbk                    | MYOR |
| 90.  | PT Pratama Abadi Nusa Industri Tbk     | PANI |
| 91.  | PT Prima Cakrawala Abadi Tbk           | PCAR |
| 92.  | PT Phapros Tbk                         | PEHA |
| 93.  | PT Prasadha Aneka Niaga Tbk            | PSDN |
| 94.  | PT Pyridam Farma Tbk                   | PYFA |
| 95.  | PT Merck Sharp Dohme Pharma Tbk        | SCPI |
| 96.  | PT Sekar Bumi Tbk                      | SKBM |
| 97.  | PT Sekar laut Tbk                      | SKLT |
| 98.  | PT Siantar Top Tbk                     | STTP |
| 99.  | PT Ultra Jaya Milk Industry Tbk        | ULTJ |
| 100. | PT Unilever Indonesia Tbk              | UNVR |
| 101. | PT Ateliers Mecaniques D'Indonesie Tbk | AMIN |
| 102. | PT Argo Pantes Tbk                     | ARGO |
| 103. | PT Arkha Jayanti Persada Tbk           | ARKA |

|      |                                              |      |
|------|----------------------------------------------|------|
| 104. | PT Astra International Tbk                   | ASII |
| 105. | PT SB129:C149epatu Bata Tbk                  | BATA |
| 106. | PT Trisula Textile Industries Tbk            | BELL |
| 107. | PT Primarindo Asia Infrastructure Tbk        | BIMA |
| 108. | PT Garuda Metalindo Tbk                      | BOLT |
| 109. | PT Indo Kordsa Tbk                           | BRAM |
| 110. | PT Communication Cable Systems Indonesia Tbk | CCSI |
| 111. | PT Century Textile Industry Tbk              | CNTX |
| 112. | PT Eratex Djaja Tbk                          | ERTX |
| 113. | PT Goodyear Indonesia Tbk                    | GDYR |
| 114. | PT Gajah Tunggal Tbk                         | GJTL |
| 115. | PT Garuda Maintenance Facility Aero Asia Tbk | GMFI |
| 116. | PT Panasia Indo Resources Tbk                | HDTX |
| 117. | PT Sumi Indo Kabel Tbk                       | IKBI |
| 118. | PT Indo-Rama Synthetics Tbk                  | INDR |
| 119. | PT Indospring Tbk                            | INDS |
| 120. | PT Jembo Cable Company Tbk                   | JECC |
| 121. | PT Sky Energy Indonesia Tbk                  | JSKY |
| 122. | PT KMI Wire & Cable Tbk                      | KBLI |
| 123. | PT Kabelindo Murni Tbk                       | KBLM |
| 124. | PT Inti Keramik Alam Sari Industri Tbk       | IKAI |
| 125. | PT Jaya Pari Steel Tbk                       | JPRS |
| 126. | PT Alam Karya Unggul Tbk                     | AKKU |
| 127. | PT Sekawan Intipratama Tbk                   | SIAP |
| 128. | PT Siwani Makmur Tbk                         | SIMA |
| 129. | PT Dwi Aneka Jaya Kemasindo Tbk              | DAJK |
| 130. | PT Kedawung Setia Industrial Tbk             | KDSI |
| 131. | PT Grand Kartech Tbk                         | KRAH |
| 132. | PT Multistrada Arah Sarana Tbk               | MASA |
| 133. | PT Nipress Tbk                               | NIPS |
| 134. | PT Prima Alloy Steel Universal Tbk           | PRAS |
| 135. | PT Selamat Sempurna Tbk                      | SMM  |
| 136. | PT Ever Shine Tex Tbk                        | ESTI |
| 137. | PT Apac Citra Centertex Tbk                  | MYTX |
| 138. | PT Pan Brothers Tbk                          | PBRX |
| 139. | PT Asia Pasific Fibers Tbk                   | POLY |
| 140. | PT Ricky Putra Globalindo Tbk                | RICY |
| 141. | PT Sri Rejeki Isman Tbk                      | SRIL |
| 142. | PT Sunson Textile Manufacturer Tbk           | SSTM |

|      |                                                 |      |
|------|-------------------------------------------------|------|
| 143. | PT Star Petrochem Tbk                           | STAR |
| 144. | PT Tifico Fiber Indonesia Tbk                   | TFCO |
| 145. | PT Trisula Textile International Tbk            | TRIS |
| 146. | PT Nusantara Inti Corporata Tbk                 | UNIT |
| 147. | PT Supreme Cable Manufacturing and Commerce Tbk | SCCO |

### Lampiran III

#### Daftar Perusahaan yang Laporan Keuangan Tidak Lengkap

| No. | Nama Perusahaan                              | Kode Listing |
|-----|----------------------------------------------|--------------|
| 1.  | PT Kino Indonesia Tbk                        | KINO         |
| 2.  | PT Maertina Berto Tbk                        | MBTO         |
| 3.  | PT Tiga Pilar Sejahtera Tbk                  | AISA         |
| 4.  | PT Wilmar Cahaya Indonesia                   | CEKA         |
| 5.  | PT Daya Varia Laboratoria Tbk                | DVLA         |
| 6.  | PT Indofarma (Persero) Tbk                   | INAF         |
| 7.  | PT Industri Jamu dan Farmasi Sido Muncul Tbk | SIDO         |
| 8.  | PT Integra Indocabinet Tbk                   | WOOD         |
| 9.  | PT Indomobil Sukses Internasional Tbk        | IMAS         |
| 10. | PT Multi Prima Sejahtera Tbk                 | LPIN         |
| 11. | PT Indocement Tunggul Prakarsa Tbk           | INTP         |
| 12. | PT Mark Dynamics Indonesia Tbk               | MARK         |
| 13. | PT Alaska Industrindo Tbk                    | ALKA         |
| 14. | PT Jakarta Kyoei Steel Works Tbk             | JKSW         |
| 15. | PT Pelat Timah Nusantara Tbk                 | NIKL         |
| 16. | PT Champion Pacific Indonesia Tbk            | IGAR         |

## Lampiran IV

### DATA HASIL PERHITUNGAN BEBAN PENELITIAN DAN PENGEMBANGAN

| No | Kode | Tahun | Nilai Beban Penelitian dan Pengembangan | Total |
|----|------|-------|-----------------------------------------|-------|
| 1. | TCID | 2014  | Rp 4.237.756.137                        | 22,17 |
|    |      | 2015  | Rp 3.413.063.738                        | 21,95 |
|    |      | 2016  | Rp 3.395.446.244                        | 21,95 |
|    |      | 2017  | Rp 3.491.578.438                        | 21,97 |
|    |      | 2018  | Rp 5.772.272.293                        | 22,48 |
| 2. | ROTI | 2014  | Rp 3.835.217.334                        | 22,07 |
|    |      | 2015  | Rp 3.396.412.493                        | 21,95 |
|    |      | 2016  | Rp 3.216.868.187                        | 21,89 |
|    |      | 2017  | Rp 5.812.770.028                        | 22,48 |
|    |      | 2018  | Rp 5.363.288.723                        | 22,40 |
| 3. | KAEF | 2014  | Rp 15.270.170.118                       | 23,45 |
|    |      | 2015  | Rp 19.134.438.110                       | 23,67 |
|    |      | 2016  | Rp 24.454.144.092                       | 23,92 |
|    |      | 2017  | Rp 8.714.453.071                        | 22,89 |
|    |      | 2018  | Rp 18.069.857.617                       | 23,62 |
| 4. | KLBF | 2014  | Rp 413.140.677.636                      | 26,75 |
|    |      | 2015  | Rp 163.364.759.657                      | 25,82 |
|    |      | 2016  | Rp 191.713.233.922                      | 25,98 |
|    |      | 2017  | Rp 239.905.662.440                      | 26,20 |
|    |      | 2018  | Rp 243.606.080.000                      | 26,22 |
| 5. | MERK | 2014  | Rp 2.440.099.000                        | 21,62 |
|    |      | 2015  | Rp 2.887.645.000                        | 21,78 |
|    |      | 2016  | Rp 1.802.030.000                        | 21,31 |
|    |      | 2017  | Rp 3.896.175.000                        | 22,08 |
|    |      | 2018  | Rp 1.132.020.000                        | 20,85 |
| 6. | TSPC | 2014  | Rp 2.221.281.884                        | 21,52 |
|    |      | 2015  | Rp 5.414.875.930                        | 22,41 |
|    |      | 2016  | Rp 3.991.812.475                        | 22,11 |
|    |      | 2017  | Rp 4.282.162.613                        | 22,18 |
|    |      | 2018  | Rp 4.903.077.043                        | 22,31 |
| 7. | RMBA | 2014  | Rp 43.037.000.000                       | 24,49 |
|    |      | 2015  | Rp 23.899.000.000                       | 23,90 |
|    |      | 2016  | Rp 35.701.000.000                       | 24,30 |

|     |      |      |    |                 |       |
|-----|------|------|----|-----------------|-------|
|     |      | 2017 | Rp | 115.381.000.000 | 25,47 |
|     |      | 2018 | Rp | 56.573.000.000  | 24,76 |
| 8.  | WIIM | 2014 | Rp | 2.749.227.946   | 21,73 |
|     |      | 2015 | Rp | 3.721.860.047   | 22,04 |
|     |      | 2016 | Rp | 3.057.413.541   | 21,84 |
|     |      | 2017 | Rp | 2.941.442.533   | 21,80 |
|     |      | 2018 | Rp | 4.270.540.398   | 22,18 |
| 9.  | AUTO | 2014 | Rp | 26.882.000.000  | 24,01 |
|     |      | 2015 | Rp | 29.592.000.000  | 24,11 |
|     |      | 2016 | Rp | 22.685.000.000  | 23,84 |
|     |      | 2017 | Rp | 2.447.000.000   | 21,62 |
|     |      | 2018 | Rp | 5.403.000.000   | 22,41 |
| 10. | SMGR | 2014 | Rp | 1.453.100.000   | 21,10 |
|     |      | 2015 | Rp | 7.230.645.000   | 22,70 |
|     |      | 2016 | Rp | 9.060.330.000   | 22,93 |
|     |      | 2017 | Rp | 10.357.693.000  | 23,06 |
|     |      | 2018 | Rp | 7.125.762.000   | 22,69 |



## Lampiran V

### DATA HASIL PERHITUNGAN GPM

| No | Kode | Tahun | Penjualan             | HPP                   | GPM    |
|----|------|-------|-----------------------|-----------------------|--------|
| 1. | TCID | 2014  | Rp 2.308.203.551.971  | Rp 1.411.934.917.918  | 0,39   |
|    |      | 2015  | Rp 486.983.280.575    | Rp 1.436.977.751.396  | (1,95) |
|    |      | 2016  | Rp 557.095.829.636    | Rp 1.582.456.317.914  | (1,84) |
|    |      | 2017  | Rp 568.987.731.498    | Rp 1.669.417.758.295  | (1,93) |
|    |      | 2018  | Rp 548.089.824.378    | Rp 1.685.791.739.001  | (2,08) |
| 2. | ROTI | 2014  | Rp 1.880.262.901.697  | Rp 978.850.415.303    | 0,48   |
|    |      | 2015  | Rp 2.174.501.712.899  | Rp 1.019.511.433.830  | 0,53   |
|    |      | 2016  | Rp 2.521.920.968.213  | Rp 1.220.832.597.005  | 0,52   |
|    |      | 2017  | Rp 2.491.100.179.560  | Rp 1.183.169.352.508  | 0,53   |
|    |      | 2018  | Rp 2.776.545.866.684  | Rp 1.274.332.759.465  | 0,54   |
| 3. | KAEF | 2014  | Rp 4.521.024.379.759  | Rp 3.135.542.319.600  | 0,31   |
|    |      | 2015  | Rp 4.680.371.483.524  | Rp 3.323.619.297.215  | 0,29   |
|    |      | 2016  | Rp 5.811.502.656.431  | Rp 3.947.606.932.563  | 0,32   |
|    |      | 2017  | Rp 6.127.479.369.403  | Rp 3.925.599.724.290  | 0,36   |
|    |      | 2018  | Rp 7.636.245.960.236  | Rp 182.131.219.047    | 0,98   |
| 4. | KLBF | 2014  | Rp 17.368.532.547.558 | Rp 8.892.737.389.731  | 0,49   |
|    |      | 2015  | Rp 17.887.464.223.321 | Rp 9.295.887.287.351  | 0,48   |
|    |      | 2016  | Rp 19.374.230.957.505 | Rp 9.886.262.652.473  | 0,49   |
|    |      | 2017  | Rp 20.182.120.166.616 | Rp 10.369.836.693.616 | 0,49   |
|    |      | 2018  | Rp 21.074.306.186.027 | Rp 11.226.380.392.484 | 0,47   |
| 5. | MERK | 2014  | Rp 863.207.535.000    | Rp 404.752.388.000    |        |

|  |  |  |  |  |      |
|--|--|--|--|--|------|
|  |  |  |  |  | 0,53 |
|--|--|--|--|--|------|

|    |      |      |                       |                       |      |
|----|------|------|-----------------------|-----------------------|------|
|    |      | 2015 | Rp 1.034.806.890.000  | Rp 487.190.159.000    | 0,53 |
|    |      | 2016 | Rp 983.446.471.000    | Rp 938.446.471.000    | 0,05 |
|    |      | 2017 | Rp 611.958.076.000    | Rp 381.337.548.000    | 0,38 |
|    |      | 2018 | Rp 492.613.670.000    | Rp 400.270.367.000    | 0,19 |
| 6. | TSPC | 2014 | Rp 7.512.115.037.587  | Rp 4.527.218.401.005  | 0,40 |
|    |      | 2015 | Rp 8.181.481.867.179  | Rp 5.063.909.652.665  | 0,38 |
|    |      | 2016 | Rp 9.183.238.993.842  | Rp 5.653.874.822.666  | 0,38 |
|    |      | 2017 | Rp 9.565.462.045.199  | Rp 5.907.286.902.999  | 0,38 |
|    |      | 2018 | Rp 10.088.118.830.780 | Rp 6.246.536.620.082  | 0,38 |
| 7. | RMBA | 2014 | Rp 14.091.156.000.000 | Rp 12.572.830.000.000 | 0,11 |
|    |      | 2015 | Rp 16.814.352.000.000 | Rp 15.098.989.000.000 | 0,10 |
|    |      | 2016 | Rp 19.228.981.000.000 | Rp 17.107.950.000.000 | 0,11 |
|    |      | 2017 | Rp 20.258.870.000.000 | Rp 18.160.853.000.000 | 0,10 |
|    |      | 2018 | Rp 21.923.057.000.000 | Rp 19.258.783.000.000 | 0,12 |
| 8. | WIIM | 2014 | Rp 1.661.533.200.316  | Rp 1.177.718.564.881  | 0,29 |
|    |      | 2015 | Rp 1.839.419.574.956  | Rp 1.279.427.333.869  | 0,30 |
|    |      | 2016 | Rp 1.685.795.530.617  | Rp 1.176.493.799.658  | 0,30 |
|    |      | 2017 | Rp 1.476.427.090.781  | Rp 1.043.634.733.778  | 0,29 |
|    |      | 2018 | Rp 1.405.384.153.405  | Rp 963.851.587.401    | 0,31 |
| 9. | AUTO | 2014 | Rp 12.255.427.000.000 | Rp 10.500.112.000.000 | 0,14 |
|    |      | 2015 | Rp 12.806.867.000.000 | Rp 9.993.047.000.000  | 0,22 |
|    |      | 2016 | Rp 11.723.787.000.000 | Rp 10.954.051.000.000 | 0,07 |
|    |      | 2017 | Rp 13.549.857.000.000 | Rp 11.793.778.000.000 |      |

|     |      |      |                       |                       |      |
|-----|------|------|-----------------------|-----------------------|------|
|     |      |      |                       |                       | 0,13 |
|     |      | 2018 | Rp 15.356.381.000.000 | Rp 13.438.532.000.000 | 0,12 |
| 10. | SMGR | 2014 | Rp 26.987.035.135.000 | Rp 15.388.431.050.000 | 0,43 |
|     |      | 2015 | Rp 26.948.004.471.000 | Rp 16.302.008.098.000 | 0,40 |
|     |      | 2016 | Rp 26.134.306.138.000 | Rp 16.278.433.690.000 | 0,38 |
|     |      | 2017 | Rp 27.813.664.176.000 | Rp 19.854.065.409.000 | 0,29 |
|     |      | 2018 | Rp 30.687.625.970.000 | Rp 21.357.095.645.000 | 0,30 |



## Lampiran VI

### DATA HASIL PERHITUNGAN PERTUMBUHAN

### PERUSAHAAN

| No | Kode | Tahun | Total Aset            | Growth |
|----|------|-------|-----------------------|--------|
| 1. | TCID | 2013  | Rp 1.465.952.460.752  | -      |
|    |      | 2014  | Rp 1.663.679.837.324  | 0,13   |
|    |      | 2015  | Rp 2.082.096.848.703  | 0,25   |
|    |      | 2016  | Rp 2.185.101.038.101  | 0,05   |
|    |      | 2017  | Rp 2.361.807.189.430  | 0,08   |
|    |      | 2018  | Rp 2.445.143.511.801  | 0,04   |
| 2. | ROTI | 2013  | Rp 1.822.689.047.108  | -      |
|    |      | 2014  | Rp 2.142.894.276.216  | 0,18   |
|    |      | 2015  | Rp 2.706.323.637.034  | 0,26   |
|    |      | 2016  | Rp 2.919.640.858.718  | 0,08   |
|    |      | 2017  | Rp 4.559.573.709.411  | 0,56   |
|    |      | 2018  | Rp 4.393.810.380.883  | (0,04) |
| 3. | KAEF | 2013  | Rp 2.471.939.548.890  | -      |
|    |      | 2014  | Rp 3.012.778.637.568  | 0,22   |
|    |      | 2015  | Rp 3.236.224.076.311  | 0,07   |
|    |      | 2016  | Rp 4.612.562.541.064  | 0,43   |
|    |      | 2017  | Rp 6.096.148.972.533  | 0,32   |
|    |      | 2018  | Rp 9.460.427.317.681  | 0,55   |
| 4. | KLBF | 2013  | Rp 11.315.061.275.026 | -      |
|    |      | 2014  | Rp 12.439.267.396.015 | 0,10   |
|    |      | 2015  | Rp 13.696.417.381.439 | 0,10   |
|    |      | 2016  | Rp 15.226.009.210.657 | 0,11   |
|    |      | 2017  | Rp 16.616.239.416.335 | 0,09   |
|    |      | 2018  | Rp 18.146.206.145.369 | 0,09   |
| 5. | MERK | 2013  | Rp 696.946.318.000    | -      |
|    |      | 2014  | Rp 711.055.830.000    | 0,02   |
|    |      | 2015  | Rp 641.646.818.000    | (0,10) |
|    |      | 2016  | Rp 743.934.894.000    | 0,16   |
|    |      | 2017  | Rp 847.006.544.000    | 0,14   |
|    |      | 2018  | Rp 1.263.113.689.000  | 0,49   |
| 6. | TSPC | 2013  | Rp 5.407.957.915.805  | -      |
|    |      | 2014  | Rp 5.609.556.653.195  | 0,04   |
|    |      | 2015  | Rp 6.284.729.099.203  | 0,12   |

|     |      |      |    |                    |        |
|-----|------|------|----|--------------------|--------|
|     |      | 2016 | Rp | 6.585.807.349.438  | 0,05   |
|     |      | 2017 | Rp | 7.434.900.309.021  | 0,13   |
|     |      | 2018 | Rp | 7.869.075.060.326  | 0,06   |
| 7.  | RMBA | 2013 | Rp | 9.232.016.000.000  | -      |
|     |      | 2014 | Rp | 10.250.546.000.000 | 0,11   |
|     |      | 2015 | Rp | 12.667.314.000.000 | 0,24   |
|     |      | 2016 | Rp | 13.470.943.000.000 | 0,06   |
|     |      | 2017 | Rp | 14.083.598.000.000 | 0,05   |
|     |      | 2018 | Rp | 14.879.589.000.000 | 0,06   |
| 8.  | WIIM | 2013 | Rp | 1.229.011.260.881  | -      |
|     |      | 2014 | Rp | 1.334.544.790.387  | 0,09   |
|     |      | 2015 | Rp | 1.342.700.045.391  | 0,01   |
|     |      | 2016 | Rp | 1.353.634.132.275  | 0,01   |
|     |      | 2017 | Rp | 1.225.712.093.041  | (0,09) |
|     |      | 2018 | Rp | 1.255.573.914.558  | 0,02   |
| 9.  | AUTO | 2013 | Rp | 12.484.843.000.000 | -      |
|     |      | 2014 | Rp | 14.380.926.000.000 | 0,15   |
|     |      | 2015 | Rp | 14.339.110.000.000 | (0,90) |
|     |      | 2016 | Rp | 14.612.274.000.000 | 0,02   |
|     |      | 2017 | Rp | 14.762.309.000.000 | 0,01   |
|     |      | 2018 | Rp | 15.889.648.000.000 | 0,08   |
| 10. | SMGR | 2013 | Rp | 34.314.666.207.000 | -      |
|     |      | 2014 | Rp | 34.331.674.737.000 | 0,00   |
|     |      | 2015 | Rp | 38.153.118.932.000 | 0,11   |
|     |      | 2016 | Rp | 44.246.895.982.000 | 0,16   |
|     |      | 2017 | Rp | 51.155.890.227.000 | 0,16   |
|     |      | 2018 | Rp | 49.068.650.213.000 | (0,04) |

### DATA HASIL PERHITUNGAN STRUKTUR MODAL

| No | Kode | Tahun | Jumlah Hutang        | Jumlah Modal          | DER  |
|----|------|-------|----------------------|-----------------------|------|
| 1. | TCID | 2014  | Rp 569.730.901.368   | Rp 1.283.504.442.268  | 0,44 |
|    |      | 2015  | Rp 367.225.370.670   | Rp 1.714.871.478.033  | 0,21 |
|    |      | 2016  | Rp 181.362.146.636   | Rp 1.783.158.507.325  | 0,10 |
|    |      | 2017  | Rp 472.680.346.662   | Rp 2.361.807.189.430  | 0,20 |
|    |      | 2018  | Rp 503.480.853.006   | Rp 3.445.143.511.801  | 0,15 |
| 2. | ROTI | 2014  | Rp 1.182.771.921.472 | Rp 960.122.354.744    | 1,23 |
|    |      | 2015  | Rp 1.517.788.685.162 | Rp 1.188.534.951.872  | 1,28 |
|    |      | 2016  | Rp 1.476.889.086.692 | Rp 1.442.751.772.026  | 1,02 |
|    |      | 2017  | Rp 1.739.467.993.982 | Rp 2.820.105.715.429  | 0,62 |
|    |      | 2018  | Rp 1.476.909.260.772 | Rp 2.916.901.120.111  | 0,51 |
| 3. | KAEF | 2014  | Rp 1.157.040.676.384 | Rp 2.968.184.626.297  | 0,39 |
|    |      | 2015  | Rp 1.374.127.253.841 | Rp 1.862.096.822.470  | 0,74 |
|    |      | 2016  | Rp 2.341.155.131.870 | Rp 4.612.562.541.064  | 0,51 |
|    |      | 2017  | Rp 3.523.628.217.406 | Rp 6.096.148.972.533  | 0,58 |
|    |      | 2018  | Rp 6.103.967.587.830 | Rp 9.460.427.317.681  | 0,65 |
| 4. | KLBF | 2014  | Rp 2.607.556.689.283 | Rp 12.425.032.367.729 | 0,21 |
|    |      | 2015  | Rp 2.758.131.396.170 | Rp 10.938.285.985.269 | 0,25 |
|    |      | 2016  | Rp 2.762.162.069.572 | Rp 12.463.847.141.085 | 0,22 |
|    |      | 2017  | Rp 2.722.207.633.646 | Rp 13.894.031.782.689 | 0,20 |
|    |      | 2018  | Rp 2.851.611.349.015 | Rp 15.294.594.796.354 | 0,19 |

|    |      |      |                       |                       |      |
|----|------|------|-----------------------|-----------------------|------|
| 5. | MERK | 2014 | Rp 162.908.670.000    | Rp 716.599.526.000    | 0,23 |
|    |      | 2015 | Rp 161.262.425.000    | Rp 473.543.282.000    | 0,34 |
|    |      | 2016 | Rp 168.103.536.000    | Rp 582.672.469.000    | 0,29 |
|    |      | 2017 | Rp 231.569.103.000    | Rp 615.437.441.000    | 0,38 |
|    |      | 2018 | Rp 744.833.288.000    | Rp 518.280.401.000    | 1,44 |
| 6. | TSPC | 2014 | Rp 1.460.391.494.410  | Rp 4.132.338.998.550  | 0,35 |
|    |      | 2015 | Rp 1.947.588.124.083  | Rp 4.337.140.975.120  | 0,45 |
|    |      | 2016 | Rp 1.950.534.206.746  | Rp 4.635.273.142.692  | 0,42 |
|    |      | 2017 | Rp 2.352.891.889.876  | Rp 5.082.008.409.145  | 0,46 |
|    |      | 2018 | Rp 2.473.126.989.832  | Rp 5.432.848.070.494  | 0,46 |
| 7. | RMBA | 2014 | Rp 11.647.399.000.000 | Rp 1.396.853.000.000  | 8,34 |
|    |      | 2015 | Rp 15.816.071.000.000 | Rp 3.148.757.000.000  | 5,02 |
|    |      | 2016 | Rp 4.029.576.000.000  | Rp 9.441.367.000.000  | 0,43 |
|    |      | 2017 | Rp 5.159.928.000.000  | Rp 14.083.598.000.000 | 0,37 |
|    |      | 2018 | Rp 6.513.618.000.000  | Rp 14.879.589.000.000 | 0,44 |
| 8. | WIIM | 2014 | Rp 478.482.577.195    | Rp 854.425.098.590    | 0,56 |
|    |      | 2015 | Rp 398.991.064.485    | Rp 943.708.980.906    | 0,42 |
|    |      | 2016 | Rp 362.540.740.471    | Rp 991.093.391.804    | 0,37 |
|    |      | 2017 | Rp 250.337.111.893    | Rp 978.091.361.111    | 0,26 |
|    |      | 2018 | Rp 247.620.731.930    | Rp 1.005.236.802.665  | 0,25 |
| 9. | AUTO | 2014 | Rp 4.244.369.000.000  | Rp 10.136.557.000.000 | 0,42 |
|    |      | 2015 | Rp 4.195.684.000.000  | Rp 10.143.426.000.000 | 0,41 |
|    |      | 2016 | Rp 4.075.716.000.000  | Rp 10.536.558.000.000 | 0,39 |

|     |      |      |                       |                       |      |
|-----|------|------|-----------------------|-----------------------|------|
|     |      | 2017 | Rp 403.233.000.000    | Rp 10.759.076.000.000 | 0,04 |
|     |      | 2018 | Rp 4.626.013.000.000  | Rp 11.263.635.000.000 | 0,41 |
| 10. | SMGR | 2014 | Rp 9.312.214.091.000  | Rp 25.002.451.936.000 | 0,37 |
|     |      | 2015 | Rp 10.712.320.531.000 | Rp 27.440.789.401.000 | 0,39 |
|     |      | 2016 | Rp 13.652.504.525.000 | Rp 30.574.391.457.000 | 0,45 |
|     |      | 2017 | Rp 19.022.617.574.000 | Rp 30.046.032.639.000 | 0,63 |
|     |      | 2018 | Rp 18.419.594.705.000 | Rp 32.736.295.522.000 | 0,56 |



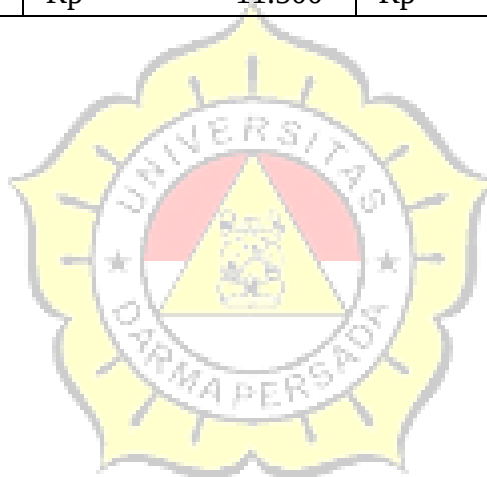
## Lampiran VIII

### DATA HASIL PERHITUNGAN NILAI PERUSAHAAN

| No | Kode | Tahun | Harga Per Saham | Lab a Per Saham | PER   |
|----|------|-------|-----------------|-----------------|-------|
| 1. | TCID | 2014  | Rp 17.525       | Rp 867          | 20,21 |
|    |      | 2015  | Rp 16.500       | Rp 2.708        | 6,09  |
|    |      | 2016  | Rp 12.500       | Rp 806          | 15,51 |
|    |      | 2017  | Rp 17.900       | Rp 891          | 20,09 |
|    |      | 2018  | Rp 17.250       | Rp 861          | 20,03 |
| 2. | ROTI | 2014  | Rp 1.385        | Rp 37           | 37,17 |
|    |      | 2015  | Rp 1.265        | Rp 53           | 23,67 |
|    |      | 2016  | Rp 1.600        | Rp 55           | 28,93 |
|    |      | 2017  | Rp 1.275        | Rp 28           | 46,10 |
|    |      | 2018  | Rp 1.200        | Rp 28           | 42,75 |
| 3. | KAEF | 2014  | Rp 1.465        | Rp 42           | 34,68 |
|    |      | 2015  | Rp 870          | Rp 47           | 18,48 |
|    |      | 2016  | Rp 2.750        | Rp 48           | 57,11 |
|    |      | 2017  | Rp 2.700        | Rp 59           | 45,89 |
|    |      | 2018  | Rp 2.600        | Rp 75           | 34,72 |
| 4. | KLBF | 2014  | Rp 1.830        | Rp 44           | 41,59 |
|    |      | 2015  | Rp 1.320        | Rp 43           | 30,87 |
|    |      | 2016  | Rp 1.515        | Rp 49           | 30,88 |
|    |      | 2017  | Rp 1.690        | Rp 51           | 32,96 |

|    |      |      |            |          |         |
|----|------|------|------------|----------|---------|
|    |      | 2018 | Rp 1.520   | Rp 52    | 29,00   |
| 5. | MERK | 2014 | Rp 160.000 | Rp 8.101 | 19,75   |
|    |      | 2015 | Rp 6.775   | Rp 2.463 | 2,75    |
|    |      | 2016 | Rp 9.200   | Rp 343   | 26,82   |
|    |      | 2017 | Rp 8.500   | Rp 323   | 26,32   |
|    |      | 2018 | Rp 4.300   | Rp 2.597 | 1,66    |
| 6. | TSPC | 2014 | Rp 2.865   | Rp 129   | 22,21   |
|    |      | 2015 | Rp 1.750   | Rp 116   | 15,09   |
|    |      | 2016 | Rp 1.970   | Rp 119   | 16,55   |
|    |      | 2017 | Rp 1.800   | Rp 121   | 14,88   |
|    |      | 2018 | Rp 1.390   | Rp 114   | 12,19   |
| 7. | RMBA | 2014 | Rp 520     | Rp (315) | (1,65)  |
|    |      | 2015 | Rp 510     | Rp (230) | (2,22)  |
|    |      | 2016 | Rp 484     | Rp (86)  | (5,62)  |
|    |      | 2017 | Rp 380     | Rp (13)  | (28,81) |
|    |      | 2018 | Rp 312     | Rp (17)  | (18,66) |
| 8. | WIIM | 2014 | Rp 625     | Rp 53    | 11,70   |
|    |      | 2015 | Rp 430     | Rp 62    | 6,90    |
|    |      | 2016 | Rp 440     | Rp 51    | 8,70    |
|    |      | 2017 | Rp 290     | Rp 19    | 15,02   |
|    |      | 2018 | Rp 141     | Rp 24    | 5,80    |
| 9. | AUTO | 2014 | Rp 4.200   | Rp 181   | 23,20   |

|     |      |      |           |        |       |
|-----|------|------|-----------|--------|-------|
|     |      | 2015 | Rp 1.600  | Rp 66  | 24,24 |
|     |      | 2016 | Rp 2.050  | Rp 87  | 23,56 |
|     |      | 2017 | Rp 2.060  | Rp 114 | 18,07 |
|     |      | 2018 | Rp 1.470  | Rp 127 | 11,57 |
| 10. | SMGR | 2014 | Rp 16.200 | Rp 938 | 17,27 |
|     |      | 2015 | Rp 11.400 | Rp 762 | 14,96 |
|     |      | 2016 | Rp 9.175  | Rp 762 | 12,04 |
|     |      | 2017 | Rp 9.900  | Rp 273 | 36,26 |
|     |      | 2018 | Rp 11.500 | Rp 519 | 22,16 |



## Lampiran IX

### DATA HASIL PERHITUNGAN R&D, GPM, PERTUMBUHAN PERUSAHAAN, STRUKTUR MODAL DAN NILAI PERUSAHAAN

| No | Kode | Tahun | R&D               | GPM    | Pertumbuhan Perusahaan | Struktur Modal | Nilai Perusahaan |
|----|------|-------|-------------------|--------|------------------------|----------------|------------------|
|    |      |       | Logaritma Natural | GPM    | Growth                 | DER            | PER              |
| 1. | TCID | 2014  | 22,17             | 0,39   | 0,13                   | 0,44           | 20,21            |
|    |      | 2015  | 21,95             | (1,95) | 0,25                   | 0,21           | 6,09             |
|    |      | 2016  | 21,95             | (1,84) | 0,05                   | 0,10           | 15,51            |
|    |      | 2017  | 21,97             | (1,93) | 0,08                   | 0,20           | 20,09            |
|    |      | 2018  | 22,48             | (2,08) | 0,04                   | 0,15           | 20,03            |
| 2. | ROTI | 2014  | 22,07             | 0,48   | 0,18                   | 1,23           | 37,17            |
|    |      | 2015  | 21,95             | 0,53   | 0,26                   | 1,28           | 23,67            |
|    |      | 2016  | 21,89             | 0,52   | 0,08                   | 1,02           | 28,93            |
|    |      | 2017  | 22,48             | 0,53   | 0,56                   | 0,62           | 46,10            |
|    |      | 2018  | 22,40             | 0,54   | (0,04)                 | 0,51           | 42,75            |
| 3. | KAEF | 2014  | 23,45             | 0,31   | 0,22                   | 0,39           | 34,68            |
|    |      | 2015  | 23,67             | 0,29   | 0,07                   | 0,74           | 18,48            |
|    |      | 2016  | 23,92             | 0,32   | 0,43                   | 0,51           | 57,11            |
|    |      | 2017  | 22,89             | 0,36   | 0,32                   | 0,58           | 45,89            |
|    |      | 2018  | 23,62             | 0,98   | 0,55                   | 0,65           | 34,72            |
| 4. | KLBF | 2014  | 26,75             | 0,49   | 0,10                   | 0,21           | 41,59            |
|    |      | 2015  | 25,82             | 0,48   | 0,10                   | 0,25           | 30,87            |
|    |      | 2016  | 25,98             | 0,49   | 0,11                   | 0,22           | 30,88            |
|    |      | 2017  | 26,20             | 0,49   | 0,09                   | 0,20           | 32,96            |
|    |      | 2018  | 26,22             | 0,47   | 0,09                   | 0,19           | 29,00            |
| 5. | MERK | 2014  | 21,62             | 0,53   | 0,02                   | 0,23           | 19,75            |
|    |      | 2015  | 21,78             | 0,53   | (0,10)                 | 0,34           | 2,75             |
|    |      | 2016  | 21,31             | 0,05   | 0,16                   | 0,29           | 26,82            |
|    |      | 2017  | 22,08             | 0,38   | 0,14                   | 0,38           | 26,32            |
|    |      | 2018  | 20,85             | 0,19   | 0,49                   | 1,44           | 1,66             |
| 6. | TSPC | 2014  | 21,52             | 0,40   | 0,04                   | 0,35           | 22,21            |
|    |      | 2015  | 22,41             | 0,38   | 0,12                   | 0,45           | 15,09            |
|    |      | 2016  | 22,11             | 0,38   | 0,05                   | 0,42           | 16,55            |
|    |      | 2017  | 22,18             | 0,38   | 0,13                   | 0,46           | 14,88            |
|    |      | 2018  | 22,31             | 0,38   | 0,06                   | 0,46           | 12,19            |
| 7. | RMBA | 2014  | 24,49             | 0,11   | 0,11                   | 8,34           | (1,65)           |
|    |      | 2015  | 23,90             | 0,10   | 0,24                   | 5,02           | (2,22)           |
|    |      | 2016  | 24,30             | 0,11   | 0,06                   | 0,43           | (5,62)           |
|    |      | 2017  | 25,47             | 0,10   | 0,05                   | 0,37           | (28,81)          |
|    |      | 2018  | 24,76             | 0,12   | 0,06                   | 0,44           | (18,66)          |

|     |      |      |       |      |        |      |       |
|-----|------|------|-------|------|--------|------|-------|
| 8.  | WIIM | 2014 | 21,73 | 0,29 | 0,09   | 0,56 | 11,70 |
|     |      | 2015 | 22,04 | 0,30 | 0,01   | 0,42 | 6,90  |
|     |      | 2016 | 21,84 | 0,30 | 0,01   | 0,37 | 8,70  |
|     |      | 2017 | 21,80 | 0,29 | (0,09) | 0,26 | 15,02 |
|     |      | 2018 | 22,18 | 0,31 | 0,02   | 0,25 | 5,80  |
| 9.  | AUTO | 2014 | 24,01 | 0,14 | 0,15   | 0,42 | 23,20 |
|     |      | 2015 | 24,11 | 0,22 | (0,90) | 0,41 | 24,24 |
|     |      | 2016 | 23,84 | 0,07 | 0,02   | 0,39 | 23,56 |
|     |      | 2017 | 21,62 | 0,13 | 0,01   | 0,04 | 18,07 |
|     |      | 2018 | 22,41 | 0,12 | 0,08   | 0,41 | 11,57 |
| 10. | SMGR | 2014 | 21,10 | 0,43 | 0,00   | 0,37 | 17,27 |
|     |      | 2015 | 22,70 | 0,40 | 0,11   | 0,39 | 14,96 |
|     |      | 2016 | 22,93 | 0,38 | 0,16   | 0,45 | 12,04 |
|     |      | 2017 | 23,06 | 0,29 | 0,16   | 0,63 | 36,26 |
|     |      | 2018 | 22,69 | 0,30 | (0,04) | 0,56 | 22,16 |



## Regression

[DataSet0]

**Descriptive Statistics**

|                         | Mean    | Std. Deviation | N  |
|-------------------------|---------|----------------|----|
| nilai perusahaan<br>rnd | 20,5280 | 13,66078       | 50 |
|                         | 22,9796 | 1,47465        | 50 |
| gpm                     | ,3156   | ,19290         | 50 |
| groth                   | ,1252   | ,13725         | 50 |
| struktur modal          | ,7010   | 1,30789        | 50 |

### Correlations

|                     |                  | nilai perusahaan | rnd   | gpm   | groth | struktur modal |
|---------------------|------------------|------------------|-------|-------|-------|----------------|
| Pearson Correlation | nilai perusahaan | 1,000            | ,203  | ,465  | ,375  | -,273          |
|                     | rnd              | ,203             | 1,000 | ,086  | ,000  | ,115           |
|                     | Gpm              | ,465             | ,086  | 1,000 | ,270  | -,153          |
|                     | Groth            | ,375             | ,000  | ,270  | 1,000 | ,148           |
|                     | struktur modal   | -,273            | ,115  | -,153 | ,148  | 1,000          |
|                     |                  |                  |       |       |       |                |
| Sig. (1-tailed)     | nilai perusahaan | .                | ,079  | ,000  | ,004  | ,027           |
|                     | Rnd              | ,079             | .     | ,276  | ,499  | ,212           |
|                     | Gpm              | ,000             | ,276  | .     | ,029  | ,144           |
|                     | Groth            | ,004             | ,499  | ,029  | .     | ,153           |
|                     | struktur modal   | ,027             | ,212  | ,144  | ,153  | .              |
|                     |                  |                  |       |       |       |                |
| N                   | nilai perusahaan | 50               | 50    | 50    | 50    | 50             |
|                     | Rnd              | 50               | 50    | 50    | 50    | 50             |
|                     | Gpm              | 50               | 50    | 50    | 50    | 50             |
|                     | Groth            | 50               | 50    | 50    | 50    | 50             |
|                     | struktur modal   | 50               | 50    | 50    | 50    | 50             |
|                     |                  |                  |       |       |       |                |

### Variables Entered/Removed<sup>a</sup>

| Model | Variables Entered                            | Variables Removed | Method |
|-------|----------------------------------------------|-------------------|--------|
| 1     | struktur modal, rnd, groth, gpm <sup>b</sup> | .                 | Enter  |

a. Dependent Variable: nilai perusahaan

b. All requested variables entered.

**Model Summary<sup>b</sup>**

| Model | R                 | R Square | Adjusted R Square | Std. Error of the Estimate | Durbin-Watson |
|-------|-------------------|----------|-------------------|----------------------------|---------------|
| 1     | ,628 <sup>a</sup> | ,395     | ,341              | 11,09199                   | 1,543         |

a. Predictors: (Constant), struktur modal, rnd, groth, gpm

b. Dependent Variable: nilai perusahaan

**ANOVA<sup>a</sup>**

| Model      | Sum of Squares | df | Mean Square | F     | Sig.              |
|------------|----------------|----|-------------|-------|-------------------|
| 1          | 3607,781       | 4  | 901,945     | 7,331 | ,000 <sup>b</sup> |
| Regression | 5536,454       | 45 | 123,032     |       |                   |
| Residual   | 9144,235       | 49 |             |       |                   |
| Total      |                |    |             |       |                   |

a. Dependent Variable: nilai perusahaan

b. Predictors: (Constant), struktur modal, rnd, groth, gpm

**Coefficients<sup>a</sup>**

| Model |                      | Unstandardized Coefficients |            | Standardized Coefficients | t      | Sig. | Collinearity Statistics |       |
|-------|----------------------|-----------------------------|------------|---------------------------|--------|------|-------------------------|-------|
|       |                      | B                           | Std. Error | Beta                      |        |      | Tolerance               | VIF   |
| 1     | (Constant)           | -33,305                     | 24,891     |                           | -1,338 | ,188 |                         |       |
|       | rnd                  | 1,954                       | 1,089      | ,211                      | 1,794  | ,080 | ,973                    | 1,028 |
|       | gpm                  | 21,992                      | 8,773      | ,311                      | 2,507  | ,016 | ,877                    | 1,141 |
|       | groth struktur modal | 33,340                      | 12,252     | ,335                      | 2,721  | ,009 | ,888                    | 1,126 |
|       |                      | -3,127                      | 1,263      | -,299                     | -2,476 | ,017 | ,920                    | 1,087 |

a. Dependent Variable: nilai perusahaan

### Collinearity Diagnostics<sup>a</sup>

| Model | Dimension | Eigenvalue | Condition Index | Variance Proportions |      |     |       | struktur modal |
|-------|-----------|------------|-----------------|----------------------|------|-----|-------|----------------|
|       |           |            |                 | (Constant)           | rnd  | gpm | groth |                |
| 1     | 1         | 3,664      | 1,000           | ,00                  | ,00  | ,01 | ,02   | ,02            |
|       | 2         |            |                 |                      |      | ,03 |       |                |
|       | 3         | ,744       | 2,219           | ,00                  | ,00  | ,00 | ,00   | ,83            |
|       | 4         | ,423       | 2,943           | ,00                  | ,00  | ,95 | ,90   | ,01            |
|       | 5         |            |                 |                      |      | ,00 |       |                |
|       |           | ,167       | 4,685           | ,00                  | ,00  |     | ,07   | ,13            |
|       |           | ,002       | 43,025          | 1,00                 | 1,00 |     | ,00   | ,01            |

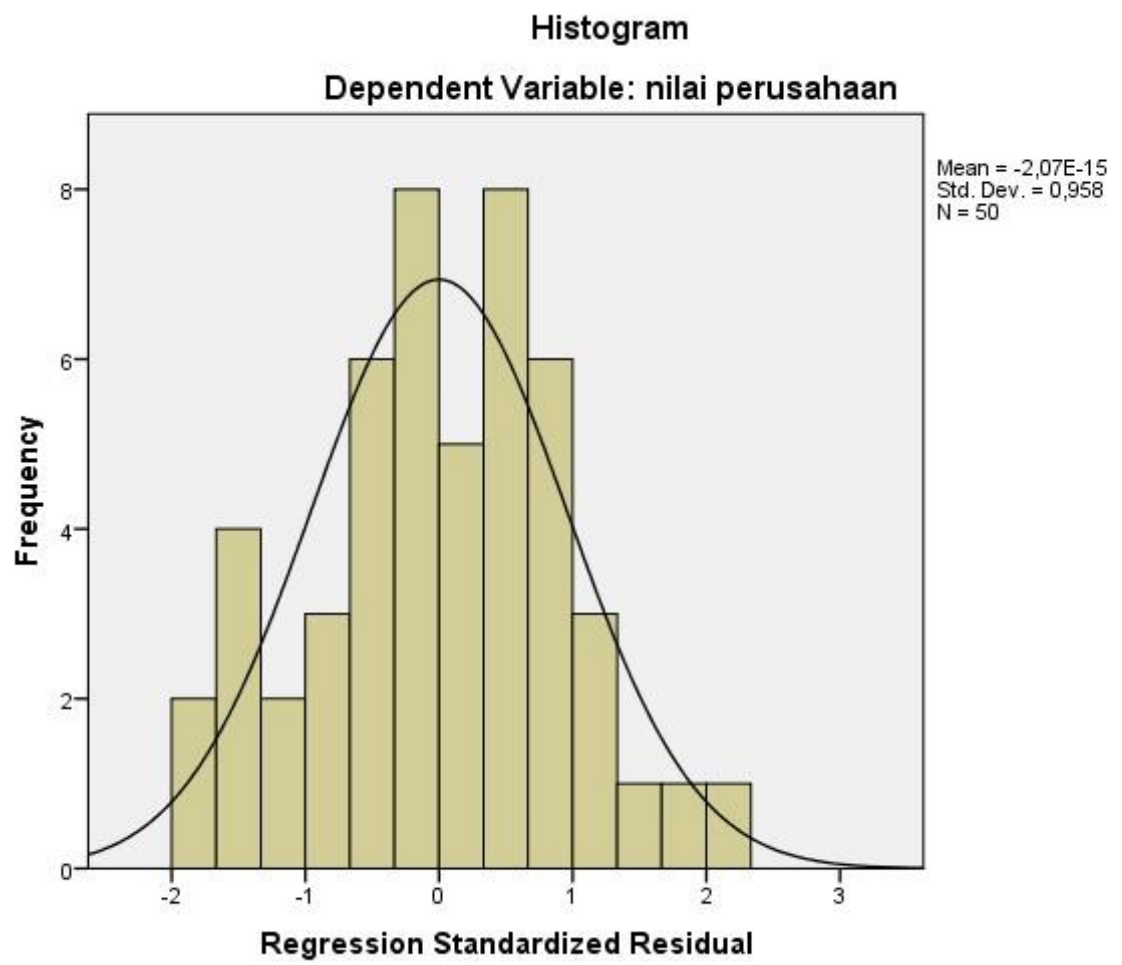
a. Dependent Variable: nilai perusahaan

### Residuals Statistics<sup>a</sup>

|                                   | Minimum   | Maximum  | Mean    | Std. Deviation | N  |
|-----------------------------------|-----------|----------|---------|----------------|----|
| Predicted Value                   |           |          |         |                |    |
| Std. Predicted Value              | -5,4357   |          |         |                | 50 |
| Standard Error of Predicted Value |           | 50,7137  | 20,5280 | 8,58069        |    |
|                                   | -3,026    | 3,518    | ,000    | 1,000          | 50 |
|                                   | 1,674     | 9,531    |         |                |    |
|                                   |           |          | 3,206   | 1,436          | 50 |
| Adjusted Predicted Value          | -20,7801  | 59,9464  | 20,4477 | 10,24004       | 50 |
| Residual                          | -21,79549 | 23,88794 | ,00000  | 10,62962       | 50 |
| Std. Residual                     | -1,965    | 2,154    | ,000    | ,958           | 50 |
| Stud. Residual                    | -2,256    | 2,334    | ,000    | 1,030          | 50 |
| Deleted Residual                  | -28,72227 | 28,04845 | ,08034  | 12,51873       | 50 |
| Stud. Deleted Residual            | -2,368    | 2,461    | -,001   | 1,052          | 50 |
| Mahal. Distance                   | ,136      | 35,202   | 3,920   | 5,623          | 50 |
| Cook's Distance                   | ,000      | ,518     | ,042    | ,101           | 50 |
| Centered Leverage Value           | ,003      | ,718     | ,080    | ,115           | 50 |

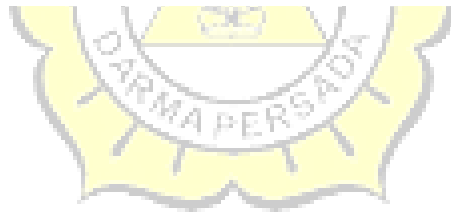
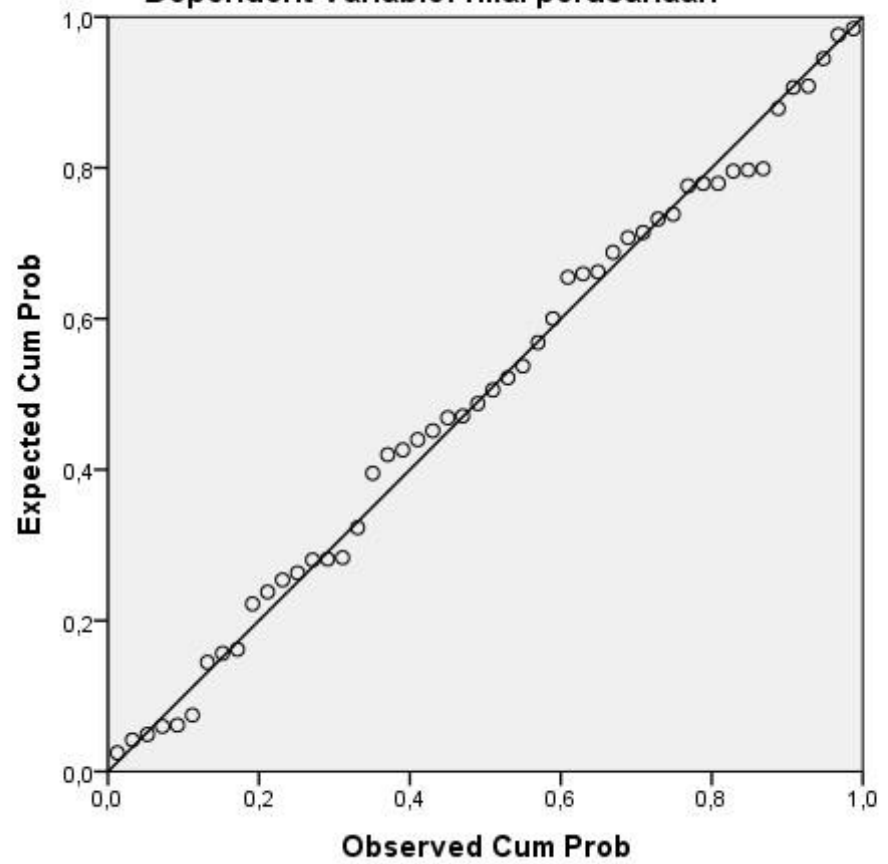
a. Dependent Variable: nilai perusahaan

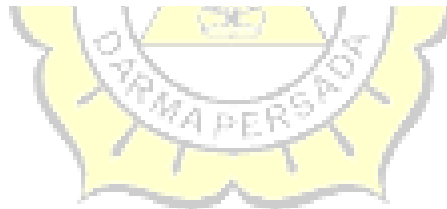
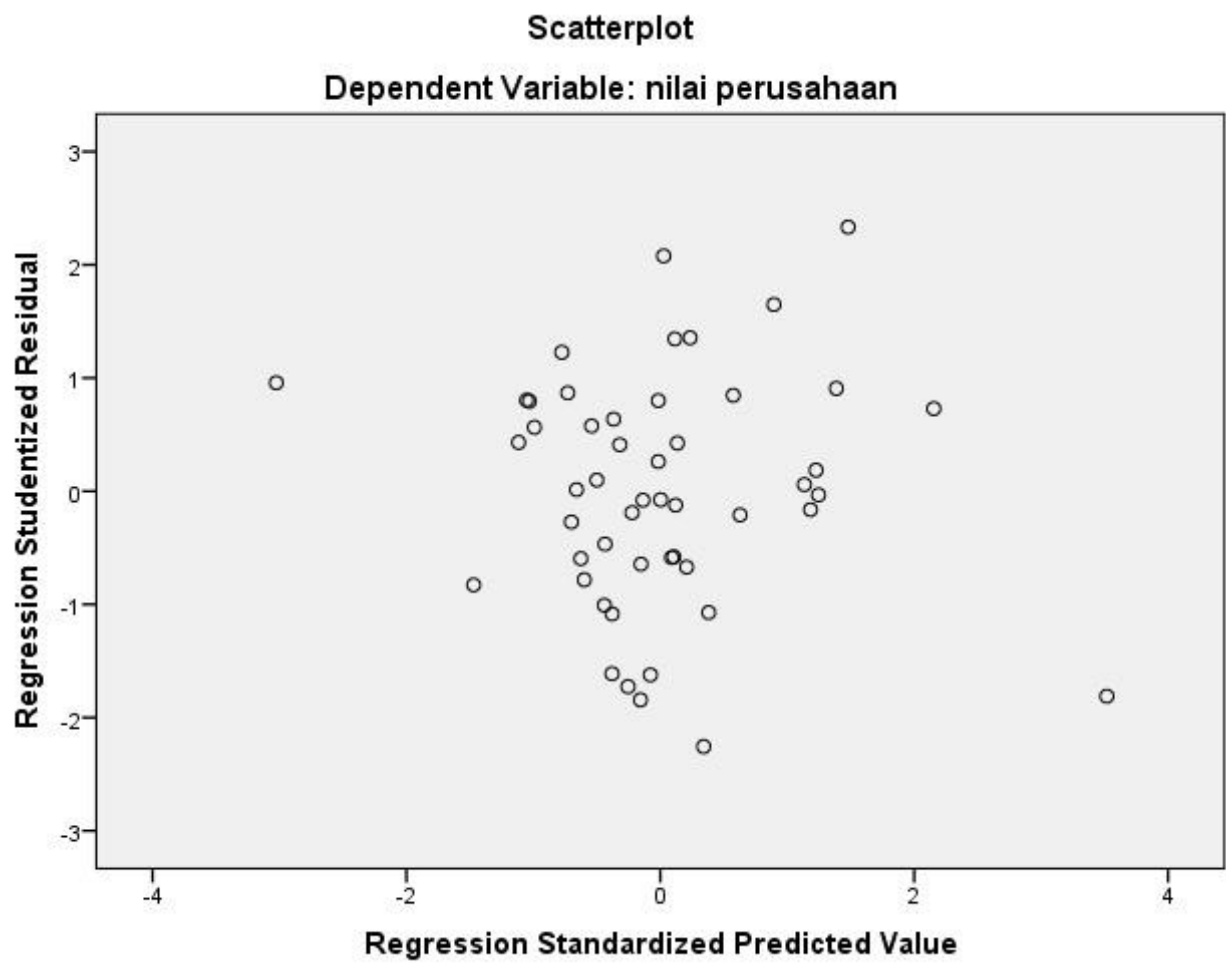
Charts



# Normal P-P Plot of Regression Standardized Residual

Dependent Variable: nilai perusahaan





NPARTESTS  
/K-S(NORMAL)=RES\_1  
/MISSING ANALYSIS.

## NPar Tests

**One-Sample Kolmogorov-Smirnov Test**

|                                  |                | Unstandardized Residual |
|----------------------------------|----------------|-------------------------|
| N                                |                | 50                      |
| Normal Parameters <sup>a,b</sup> |                | ,0000000                |
|                                  | Mean           |                         |
|                                  | Std. Deviation | 10,62962195             |
| Most Extreme Differences         | Absolute       | ,071                    |
|                                  | Positive       | ,071                    |
|                                  | Negative       | -,061                   |
| Test Statistic                   |                | ,071                    |
| Asymp. Sig. (2-tailed)           |                | ,200 <sup>c,d</sup>     |

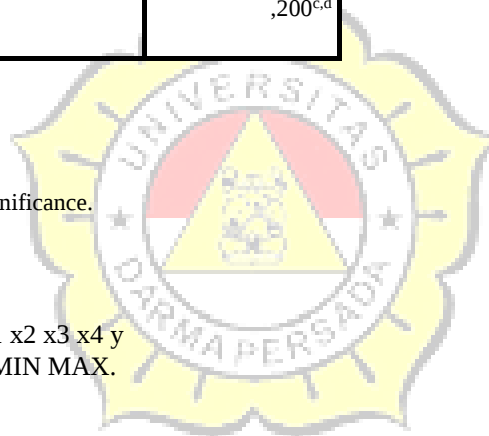
a. Test distribution is Normal.

b. Calculated from data.

c. Lilliefors Significance Correction.

d. This is a lower bound of the true significance.

DESCRIPTIVES VARIABLES=x1 x2 x3 x4 y  
/STATISTICS=MEAN STDDEV MIN MAX.



**Descriptive Statistics**

|                    | N  | Minimum | Maximum | Mean    | Std. Deviation |
|--------------------|----|---------|---------|---------|----------------|
| rnd                |    |         | 26,75   |         | 1,47465        |
| gpm                | 50 | 20,85   | ,98     | 22,9796 | ,19290         |
|                    | 50 | ,00     |         | ,3156   |                |
| growth             | 50 | ,00     | ,56     | ,1252   | ,13725         |
| struktur modal     | 50 | ,04     | 8,34    | ,7010   | 1,30789        |
| nilai perusahaan   | 50 | ,00     | 57,11   | 20,5280 | 13,66078       |
| Valid N (listwise) | 50 |         |         |         |                |

**CATATAN KEGIATAN KONSULTASI**  
(Selama Penulisan Proposal Skripsi)

Judul Proposal : Pengaruh Beban Penelitian & Pengembangan, GPM, Pertumbuhan Perusahaan, dan Struktur Modal terhadap Nilai Perusahaan pada Perusahaan Manufaktur yang Terdaftar di Bursa Efek Indonesia Periode Tahun 2014-2015

Dosen Pembimbing : ~~Drs.~~ Jombrik TPR, SE, MM

| HARI/<br>TANGGAL | URAIAN KEGIATAN              | TTD DOSEN<br>PEMBIMBING                                                               |
|------------------|------------------------------|---------------------------------------------------------------------------------------|
| 04/04 '19        | Usulan Proposal Skripsi      |   |
| 24/04 '19        | Koreksi Proposal             |  |
| 27/04 '19        | Persetujuan Proposal Skripsi |  |

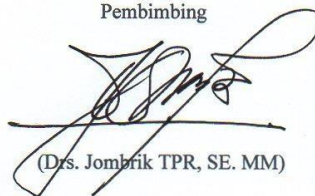
**LEMBAR KONSULTASI**  
**BIMBINGAN SKRIPSI MAHASISWA**

Nama Mahasiswa : Syifa Alyadie  
No. Induk Mahasiswa : 2015420038  
Dosen Pembimbing : Drs. Jombrik TPR, SE, MM  
Mulai Bimbingan : 4 April 2019  
Terakhir Bimbingan : 30 Juli 2019

| HARI/<br>TANGGAL | URAIAN KEGIATAN               | TTD DOSEN<br>PEMBIMBING                                                               |
|------------------|-------------------------------|---------------------------------------------------------------------------------------|
| 19/06 '19        | Konsultasi Bab I <sub>v</sub> |    |
| 21/07 '19        | Konsultasi Bab V              |   |
| 30/07 '19        | Persetujuan Skripsi           |  |
|                  |                               |                                                                                       |
|                  |                               |                                                                                       |

Jakarta, 27 Juli 2019

Pembimbing

  
(Drs. Jombrik TPR, SE, MM)

# Daftar Riwayat Hidup

## Identitas Diri

Nama : Syifa Alyadie

Tempat, Tanggal, Lahir : Jakarta, 3 Mei 1998

Agama : Islam

Alamat : Taman Alamanda Blok F8 No. 5 RT002/019 Kel.  
Karang Satria, Kec. Tambun Utara, Kabupaten  
Bekasi. Kode Pos : 17510

Nomor Hp : 083890394304

E-mail : [Syifaalyd@gmail.com](mailto:Syifaalyd@gmail.com)

## Riwayat Pendidikan

Tahun 2019 : Universitas Darma Persada  
Fakultas Ekonomi / Akuntansi

Tahun 2015 : MAN 1 Kota Bekasi

Tahun 2012 : MTsN 1 Kota Bekasi

Tahun 2009 : SDN Bekasi Jaya X