

LAMPIRAN

**SEBELUM
TRANSFORMASI**

SPSS Data.sav

| | X | Y1 | Y2 | Y3 | Y4 | RES_1 |
|----|---|----|-------|------|------|----------|
| 1 | 3 | 51 | 20,93 | 0,16 | 4,26 | 1,77603 |
| 2 | 3 | 25 | 11,1 | 0,19 | 2,64 | 0,75197 |
| 3 | 2 | 23 | 18,53 | 0,08 | 5,18 | 3,03235 |
| 4 | 2 | 9 | 11,13 | 0,1 | 1,47 | -0,21589 |
| 5 | 2 | 37 | 15,54 | 0,14 | 3,67 | 1,61294 |
| 6 | 3 | 42 | 16,99 | 0,16 | 1,11 | -1,10526 |
| 7 | 3 | 14 | 12,86 | 0,16 | 2,55 | 0,59272 |
| 8 | 2 | 22 | 3,78 | 0,11 | 0,55 | -0,61992 |
| 9 | 3 | 10 | 19,69 | 0,09 | 1,45 | -0,83488 |
| 10 | 2 | 43 | 32,11 | 0,07 | 1,03 | -2,03456 |
| 11 | 1 | 33 | 1,88 | 0,14 | 0,74 | -0,3359 |
| 12 | 3 | 46 | 0,16 | 0,15 | 0,55 | -0,43996 |
| 13 | 1 | 14 | 13,25 | 0,11 | 0,82 | -1,01877 |
| 14 | 3 | 23 | 4,22 | 0,13 | 1,12 | -0,1414 |
| 15 | 2 | 28 | 7,87 | 0,14 | 1,6 | 0,07691 |
| 16 | 2 | 65 | 5,13 | 0,05 | 0,72 | -0,35115 |
| 17 | 1 | 27 | 6,4 | 0,09 | 2,4 | 1,1116 |
| 18 | 2 | 19 | 12,32 | 0,71 | 3,43 | 0,24983 |
| 19 | 3 | 25 | 12,12 | 0,15 | 2,6 | 0,7327 |
| 20 | 2 | 37 | 10,65 | 0,07 | 0,82 | -0,72608 |
| 21 | 1 | 33 | 32,46 | 0,09 | 1,16 | -1,97402 |
| 22 | 1 | 66 | 8,29 | 0,05 | 0,41 | -0,86978 |
| 23 | 2 | 34 | 7,18 | 0,05 | 0,53 | -0,7265 |
| 24 | 1 | 92 | 5,68 | 0,19 | 0,83 | -0,55744 |
| 25 | 3 | 17 | 8,2 | 0,2 | 1,5 | -0,21532 |
| 26 | 2 | 16 | 3,19 | 0,04 | 0,96 | -0,01239 |
| 27 | 1 | 39 | 5,97 | 0,07 | 2,37 | 1,17412 |
| 28 | 3 | 28 | 14,6 | 0,12 | 2,29 | 0,32012 |
| 29 | 2 | 48 | 9,8 | 0,14 | 4,07 | 2,43518 |
| 30 | 1 | 8 | 18,93 | 0,09 | 8,17 | 5,96627 |
| 31 | 2 | 5 | 3,91 | 0,05 | 1,08 | 0,01905 |
| 32 | 2 | 14 | 11,95 | 0,08 | 2,02 | 0,32881 |
| 33 | 1 | 16 | 2,38 | 0,05 | 0,56 | -0,36328 |
| 34 | 3 | 49 | 4,7 | 0,18 | 1,38 | 0,00105 |
| 35 | 2 | 27 | 6,46 | 0,05 | 0,63 | -0,58422 |
| 36 | 3 | 49 | 19,61 | 0,18 | 3,2 | 0,76071 |

SPSS Data.sav

| | X | Y1 | Y2 | Y3 | Y4 | RES_1 |
|----|---|-----|-------|------|------|----------|
| 37 | 3 | 26 | 6,39 | 0,19 | 1,99 | 0,4382 |
| 38 | 2 | 24 | 17,39 | 0,08 | 3,85 | 1,7847 |
| 39 | 2 | 9 | 9,56 | 0,1 | 1,1 | -0,47424 |
| 40 | 2 | 28 | 13,55 | 0,15 | 3,68 | 1,72966 |
| 41 | 3 | 36 | 14,56 | 0,2 | 0,71 | -1,43338 |
| 42 | 3 | 18 | 13,92 | 0,23 | 0,24 | -1,95078 |
| 43 | 2 | 21 | 0,66 | 0,11 | 0,75 | -0,19932 |
| 44 | 3 | 8 | 12,99 | 0,1 | 1,5 | -0,33427 |
| 45 | 2 | 40 | 10,15 | 0,09 | 0,7 | -0,85333 |
| 46 | 1 | 35 | 2,56 | 0,13 | 0,41 | -0,68839 |
| 47 | 3 | 44 | 1,67 | 0,15 | 0,5 | -0,5999 |
| 48 | 1 | 15 | 26,52 | 0,1 | 0,7 | -2,05788 |
| 49 | 3 | 15 | 9,75 | 0,13 | 0,96 | -0,70488 |
| 50 | 2 | 24 | 1,92 | 0,13 | 1,03 | -0,05173 |
| 51 | 2 | 67 | 11,8 | 0,11 | 0,41 | -1,27285 |
| 52 | 1 | 28 | 10,91 | 0,12 | 2,6 | 0,92219 |
| 53 | 2 | 17 | 11,08 | 0,29 | 2,59 | 0,47482 |
| 54 | 3 | 24 | 8,34 | 0,15 | 1,84 | 0,24024 |
| 55 | 2 | 43 | 0,82 | 0,12 | 0,63 | -0,32594 |
| 56 | 1 | 32 | 18,72 | 0,14 | 0,8 | -1,47476 |
| 57 | 1 | 66 | 4,24 | 0,15 | 0,99 | -0,23494 |
| 58 | 2 | 33 | 10,95 | 0,03 | 0,32 | -1,15924 |
| 59 | 1 | 153 | 6,06 | 0,19 | 0,65 | -0,68663 |
| 60 | 3 | 23 | 64,33 | 0,18 | 1,53 | -4,12275 |
| 61 | 2 | 16 | 3,79 | 0,07 | 0,89 | -0,19502 |
| 62 | 1 | 45 | 7,78 | 0,07 | 2,93 | 1,61306 |
| 63 | 3 | 31 | 11,56 | 0,14 | 6,45 | 4,6535 |
| 64 | 2 | 45 | 8,63 | 0,14 | 2,75 | 1,19456 |
| 65 | 1 | 6 | 25,17 | 0,11 | 8,27 | 5,57332 |
| 66 | 2 | 4 | 3,54 | 0,15 | 0,84 | -0,4291 |
| 67 | 2 | 12 | 10,95 | 0,15 | 2,02 | 0,23414 |
| 68 | 1 | 14 | 7,55 | 0,09 | 0,5 | -0,88678 |
| 69 | 3 | 37 | 1,38 | 0,18 | 1,29 | 0,13184 |
| 70 | 2 | 27 | 4,23 | 0,12 | 0,4 | -0,81886 |
| 71 | 3 | 36 | 17,84 | 0,18 | 3,71 | 1,38 |
| 72 | 3 | 21 | 3,89 | 0,21 | 1,87 | 0,44297 |

SPSS Data.sav

| | X | Y1 | Y2 | Y3 | Y4 | RES_1 |
|-----|---|-----|-------|------|------|----------|
| 73 | 2 | 23 | 16,24 | 0,09 | 4,09 | 2,08189 |
| 74 | 2 | 11 | 11,7 | 0,09 | 1,1 | -0,60056 |
| 75 | 2 | 43 | 14,49 | 0,15 | 3,19 | 1,19195 |
| 76 | 3 | 22 | 4,49 | 0,21 | 0,66 | -0,80842 |
| 77 | 3 | 16 | 9,77 | 0,27 | 0,29 | -1,70148 |
| 78 | 2 | 28 | 2,46 | 0,12 | 0,76 | -0,33171 |
| 79 | 3 | 9 | 8,17 | 0,1 | 1,09 | -0,40022 |
| 80 | 2 | 46 | 5,29 | 0,09 | 0,53 | -0,67005 |
| 81 | 1 | 34 | 2,56 | 0,13 | 0,37 | -0,72966 |
| 82 | 3 | 39 | 1,14 | 0,15 | 0,48 | -0,58858 |
| 83 | 1 | 10 | 5,68 | 0,1 | 0,5 | -0,78221 |
| 84 | 3 | 19 | 3,12 | 0,13 | 0,92 | -0,26828 |
| 85 | 2 | 32 | 4,53 | 0,13 | 1,33 | 0,07286 |
| 86 | 2 | 81 | 2,02 | 0,11 | 0,61 | -0,35948 |
| 87 | 1 | 24 | 5,71 | 0,12 | 2,54 | 1,22688 |
| 88 | 2 | 16 | 9,38 | 0,29 | 2,5 | 0,50445 |
| 89 | 3 | 23 | 8 | 0,16 | 1,41 | -0,19017 |
| 90 | 2 | 42 | 5,53 | 0,12 | 1,3 | 0,00783 |
| 91 | 1 | 29 | 5,6 | 0,14 | 0,57 | -0,77555 |
| 92 | 1 | 40 | 9,7 | 0,15 | 1,23 | -0,41641 |
| 93 | 2 | 46 | 8,65 | 0,03 | 0,21 | -1,08909 |
| 94 | 1 | 201 | 3,04 | 0,2 | 0,83 | -0,25393 |
| 95 | 3 | 19 | 5,6 | 0,18 | 1,44 | -0,04123 |
| 96 | 2 | 16 | 4,97 | 0,07 | 1,35 | 0,18107 |
| 97 | 1 | 46 | 7,26 | 0,07 | 4,61 | 3,33132 |
| 98 | 3 | 32 | 9,71 | 0,14 | 4,74 | 3,07634 |
| 99 | 2 | 37 | 9,27 | 0,14 | 3,51 | 1,89884 |
| 100 | 1 | 8 | 25,32 | 0,11 | 6,47 | 3,76521 |
| 101 | 2 | 5 | 1,54 | 0,15 | 0,75 | -0,37559 |
| 102 | 2 | 12 | 9,44 | 0,15 | 2,75 | 1,07153 |
| 103 | 1 | 13 | 4,86 | 0,09 | 0,47 | -0,72675 |
| 104 | 3 | 60 | 5,95 | 0,21 | 1,64 | 0,11624 |
| 105 | 2 | 28 | 4,67 | 0,12 | 0,37 | -0,87888 |
| 106 | 3 | 31 | 15,41 | 0,19 | 3,44 | 1,25311 |
| 107 | 3 | 25 | 1,15 | 0,22 | 0,9 | -0,35039 |
| 108 | 2 | 21 | 11,86 | 0,09 | 2,46 | 0,76082 |

SPSS Data.sav

| | X | Y1 | Y2 | Y3 | Y4 | RES_1 |
|-----|---|----|-------|------|------|----------|
| 109 | 2 | 12 | 7,58 | 0,1 | 0,84 | -0,58961 |
| 110 | 2 | 40 | 11,69 | 0,15 | 4,81 | 3,00725 |
| 111 | 3 | 16 | 3,18 | 0,21 | 0,53 | -0,85292 |
| 112 | 3 | 12 | 3,78 | 0,32 | 2,39 | 0,70281 |
| 113 | 2 | 37 | 9,71 | 0,13 | 0,53 | -1,08914 |
| 114 | 3 | 8 | 7,74 | 0,1 | 1,2 | -0,26091 |
| 115 | 2 | 31 | 0,6 | 0,09 | 0,49 | -0,39566 |
| 116 | 1 | 42 | 2,73 | 0,13 | 0,29 | -0,81154 |
| 117 | 3 | 47 | 4,48 | 0,16 | 0,25 | -1,06922 |
| 118 | 1 | 9 | 3,72 | 0,1 | 0,53 | -0,6141 |
| 119 | 3 | 16 | 2,8 | 0,13 | 0,89 | -0,27935 |
| 120 | 2 | 29 | 24,17 | 0,14 | 0,58 | -2,10099 |
| 121 | 2 | 71 | 6,39 | 0,11 | 0,44 | -0,85301 |
| 122 | 1 | 23 | 6,58 | 0,12 | 2,37 | 0,99374 |
| 123 | 2 | 14 | 6,71 | 0,23 | 1,92 | 0,25168 |
| 124 | 3 | 20 | 1,95 | 0,16 | 0,76 | -0,41375 |
| 125 | 2 | 33 | 3,57 | 0,12 | 0,88 | -0,28427 |
| 126 | 1 | 23 | 5,19 | 0,14 | 0,12 | -1,20405 |
| 127 | 1 | 38 | 1,73 | 0,15 | 1,1 | 0,01783 |
| 128 | 2 | 45 | 3,24 | 0,03 | 0,12 | -0,79563 |
| 129 | 1 | 92 | 6,89 | 0,2 | 0,63 | -0,86681 |
| 130 | 3 | 19 | 5,3 | 0,19 | 1,05 | -0,43322 |
| 131 | 2 | 13 | 4,83 | 0,07 | 1,68 | 0,51719 |
| 132 | 1 | 41 | 9,56 | 0,07 | 2,06 | 0,61137 |
| 133 | 3 | 30 | 14,81 | 0,14 | 4,07 | 2,0411 |
| 134 | 2 | 40 | 10,17 | 0,14 | 2,78 | 1,10866 |
| 135 | 1 | 8 | 23,19 | 0,13 | 0,83 | -1,76995 |
| 136 | 2 | 4 | 2,58 | 0,15 | 0,59 | -0,61083 |
| 137 | 2 | 12 | 25,99 | 0,15 | 1,93 | -0,92544 |
| 138 | 1 | 10 | 18,99 | 0,09 | 0,37 | -1,83544 |
| 139 | 3 | 39 | 6,01 | 0,21 | 0,91 | -0,64483 |
| 140 | 2 | 23 | 0,59 | 0,12 | 0,2 | -0,76511 |
| 141 | 3 | 32 | 12,84 | 0,18 | 2,23 | 0,25048 |
| 142 | 3 | 25 | -0,55 | 0,21 | 0,84 | -0,26617 |
| 143 | 2 | 20 | 10,25 | 0,09 | 1,91 | 0,32404 |
| 144 | 2 | 12 | 4,23 | 0,1 | 0,83 | -0,36137 |

SPSS Data.sav

| | X | Y1 | Y2 | Y3 | Y4 | RES_1 |
|-----|---|------|-------|------|------|----------|
| 145 | 2 | 41 | 6,4 | 0,16 | 3,26 | 1,81141 |
| 146 | 3 | 15 | -4,76 | 0,21 | 0,64 | -0,17954 |
| 147 | 3 | 13 | 2,77 | 0,34 | 2,43 | 0,76928 |
| 148 | 2 | 37 | 2,08 | 0,13 | 0,82 | -0,25652 |
| 149 | 3 | 9 | 5,38 | 0,1 | 1,16 | -0,1318 |
| 150 | 2 | 32 | 1,54 | 0,09 | 0,49 | -0,46123 |
| 151 | 1 | 41 | 2,07 | 0,13 | 0,49 | -0,56588 |
| 152 | 3 | 47 | 1,15 | 0,16 | 0,34 | -0,74241 |
| 153 | 1 | 10 | 2,57 | 0,1 | 0,51 | -0,55104 |
| 154 | 3 | 17 | 2,26 | 0,13 | 0,85 | -0,27967 |
| 155 | 2 | 29 | 0,88 | 0,14 | 1,31 | 0,28529 |
| 156 | 2 | 73 | 0,85 | 0,11 | 0,45 | -0,44648 |
| 157 | 1 | 24 | 6,8 | 0,12 | 1,67 | 0,27937 |
| 158 | 2 | 14 | 6,99 | 0,25 | 2,54 | 0,80513 |
| 159 | 3 | 21 | 2,35 | 0,19 | 0,96 | -0,31088 |
| 160 | 2 | -145 | 5,42 | 0,12 | 0,01 | -1,51296 |
| 161 | 1 | 23 | 1,87 | 0,14 | 0,26 | -0,82795 |
| 162 | 1 | 38 | 2,96 | 0,15 | 0,78 | -0,38964 |
| 163 | 2 | 46 | 0,17 | 0,03 | 0,22 | -0,47603 |
| 164 | 1 | 92 | 6,89 | 0,2 | 0,67 | -0,82681 |
| 165 | 3 | 19 | 5,4 | 0,19 | 1,35 | -0,14033 |
| 166 | 2 | 13 | 4,94 | 0,07 | 1,69 | 0,51937 |
| 167 | 1 | 41 | 10,63 | 0,07 | 2,54 | 1,01528 |
| 168 | 3 | 30 | 14,81 | 0,14 | 4,07 | 2,0411 |
| 169 | 2 | 40 | 10,22 | 0,14 | 3,05 | 1,37511 |
| 170 | 1 | 8 | 24,67 | 0,13 | 1,27 | -1,4352 |
| 171 | 2 | 4 | 2,87 | 0,15 | 0,61 | -0,61145 |
| 172 | 2 | 12 | 26,77 | 0,15 | 2,09 | -0,82091 |
| 173 | 1 | 10 | 19,04 | 0,09 | 0,39 | -1,819 |
| 174 | 3 | 39 | 6,34 | 0,23 | 0,64 | -0,98493 |
| 175 | 2 | 23 | 1,63 | 0,12 | 0,3 | -0,73907 |

**SETELAH
TRANSFORMASI**

SPSS Data Outlier.sav

| | X | Y1 | Y2 | Y3 | Y4 | RES_1 | ZRES_1 |
|----|---|----|-------|------|------|----------|----------|
| 1 | 3 | 51 | 20,93 | 0,16 | 4,26 | 1,77603 | 1,78419 |
| 2 | 3 | 25 | 11,1 | 0,19 | 2,64 | 0,75197 | 0,81788 |
| 3 | 2 | 9 | 11,13 | 0,1 | 1,47 | -0,21589 | -0,09541 |
| 4 | 2 | 37 | 15,54 | 0,14 | 3,67 | 1,61294 | 1,6303 |
| 5 | 3 | 42 | 16,99 | 0,16 | 1,11 | -1,10526 | -0,93462 |
| 6 | 3 | 14 | 12,86 | 0,16 | 2,55 | 0,59272 | 0,66761 |
| 7 | 2 | 22 | 3,78 | 0,11 | 0,55 | -0,61992 | -0,47665 |
| 8 | 3 | 10 | 19,69 | 0,09 | 1,45 | -0,83488 | -0,67948 |
| 9 | 2 | 43 | 32,11 | 0,07 | 1,03 | -2,03456 | -1,81152 |
| 10 | 1 | 33 | 1,88 | 0,14 | 0,74 | -0,3359 | -0,20864 |
| 11 | 3 | 46 | 0,16 | 0,15 | 0,55 | -0,43996 | -0,30684 |
| 12 | 1 | 14 | 13,25 | 0,11 | 0,82 | -1,01877 | -0,85301 |
| 13 | 3 | 23 | 4,22 | 0,13 | 1,12 | -0,1414 | -0,02511 |
| 14 | 2 | 28 | 7,87 | 0,14 | 1,6 | 0,07691 | 0,18089 |
| 15 | 2 | 65 | 5,13 | 0,05 | 0,72 | -0,35115 | -0,22304 |
| 16 | 1 | 27 | 6,4 | 0,09 | 2,4 | 1,1116 | 1,15723 |
| 17 | 2 | 19 | 12,32 | 0,71 | 3,43 | 0,24983 | 0,34406 |
| 18 | 3 | 25 | 12,12 | 0,15 | 2,6 | 0,7327 | 0,7997 |
| 19 | 2 | 37 | 10,65 | 0,07 | 0,82 | -0,72608 | -0,57682 |
| 20 | 1 | 33 | 32,46 | 0,09 | 1,16 | -1,97402 | -1,75439 |
| 21 | 1 | 66 | 8,29 | 0,05 | 0,41 | -0,86978 | -0,71242 |
| 22 | 2 | 34 | 7,18 | 0,05 | 0,53 | -0,7265 | -0,57721 |
| 23 | 1 | 92 | 5,68 | 0,19 | 0,83 | -0,55744 | -0,41769 |
| 24 | 3 | 17 | 8,2 | 0,2 | 1,5 | -0,21532 | -0,09487 |
| 25 | 2 | 16 | 3,19 | 0,04 | 0,96 | -0,01239 | 0,09662 |
| 26 | 1 | 39 | 5,97 | 0,07 | 2,37 | 1,17412 | 1,21623 |
| 27 | 3 | 28 | 14,6 | 0,12 | 2,29 | 0,32012 | 0,41038 |
| 28 | 2 | 5 | 3,91 | 0,05 | 1,08 | 0,01905 | 0,12629 |
| 29 | 2 | 14 | 11,95 | 0,08 | 2,02 | 0,32881 | 0,41858 |
| 30 | 1 | 16 | 2,38 | 0,05 | 0,56 | -0,36328 | -0,23448 |
| 31 | 3 | 49 | 4,7 | 0,18 | 1,38 | 0,00105 | 0,1093 |
| 32 | 2 | 27 | 6,46 | 0,05 | 0,63 | -0,58422 | -0,44297 |
| 33 | 3 | 49 | 19,61 | 0,18 | 3,2 | 0,76071 | 0,82613 |
| 34 | 3 | 26 | 6,39 | 0,19 | 1,99 | 0,4382 | 0,5218 |
| 35 | 2 | 24 | 17,39 | 0,08 | 3,85 | 1,7847 | 1,79237 |
| 36 | 2 | 9 | 9,56 | 0,1 | 1,1 | -0,47424 | -0,33919 |

SPSS Data Outlier.sav

| | X | Y1 | Y2 | Y3 | Y4 | RES_1 | ZRES_1 |
|----|---|-----|-------|------|------|----------|----------|
| 37 | 2 | 28 | 13,55 | 0,15 | 3,68 | 1,72966 | 1,74044 |
| 38 | 3 | 36 | 14,56 | 0,2 | 0,71 | -1,43338 | -1,24423 |
| 39 | 3 | 18 | 13,92 | 0,23 | 0,24 | -1,95078 | -1,73246 |
| 40 | 2 | 21 | 0,66 | 0,11 | 0,75 | -0,19932 | -0,07977 |
| 41 | 3 | 8 | 12,99 | 0,1 | 1,5 | -0,33427 | -0,20711 |
| 42 | 2 | 40 | 10,15 | 0,09 | 0,7 | -0,85333 | -0,69689 |
| 43 | 1 | 35 | 2,56 | 0,13 | 0,41 | -0,68839 | -0,54125 |
| 44 | 3 | 44 | 1,67 | 0,15 | 0,5 | -0,5999 | -0,45775 |
| 45 | 1 | 15 | -6,52 | 0,1 | 0,7 | -2,05788 | -1,83352 |
| 46 | 3 | 15 | 9,75 | 0,13 | 0,96 | -0,70488 | -0,55682 |
| 47 | 2 | 24 | 1,92 | 0,13 | 1,03 | -0,05173 | 0,0595 |
| 48 | 2 | 67 | 11,8 | 0,11 | 0,41 | -1,27285 | -1,09276 |
| 49 | 1 | 28 | 10,91 | 0,12 | 2,6 | 0,92219 | 0,9785 |
| 50 | 2 | 17 | 11,08 | 0,29 | 2,59 | 0,47482 | 0,55636 |
| 51 | 3 | 24 | 8,34 | 0,15 | 1,84 | 0,24024 | 0,33501 |
| 52 | 2 | 43 | 0,82 | 0,12 | 0,63 | -0,32594 | -0,19925 |
| 53 | 1 | 32 | 18,72 | 0,14 | 0,8 | -1,47476 | -1,28328 |
| 54 | 1 | 66 | 4,24 | 0,15 | 0,99 | -0,23494 | -0,11338 |
| 55 | 2 | 33 | 10,95 | 0,03 | 0,32 | -1,15924 | -0,98556 |
| 56 | 1 | 153 | 6,06 | 0,19 | 0,65 | -0,68663 | -0,5396 |
| 57 | 2 | 16 | 3,79 | 0,07 | 0,89 | -0,19502 | -0,07571 |
| 58 | 1 | 45 | 7,78 | 0,07 | 2,93 | 1,61306 | 1,63041 |
| 59 | 2 | 45 | 8,63 | 0,14 | 2,75 | 1,19456 | 1,23551 |
| 60 | 2 | 4 | 3,54 | 0,15 | 0,84 | -0,4291 | -0,29659 |
| 61 | 2 | 12 | 10,95 | 0,15 | 2,02 | 0,23414 | 0,32925 |
| 62 | 1 | 14 | 7,55 | 0,09 | 0,5 | -0,88678 | -0,72846 |
| 63 | 3 | 37 | 1,38 | 0,18 | 1,29 | 0,13184 | 0,23272 |
| 64 | 2 | 27 | 4,23 | 0,12 | 0,4 | -0,81886 | -0,66437 |
| 65 | 3 | 36 | 17,84 | 0,18 | 3,71 | 1,38 | 1,4105 |
| 66 | 3 | 21 | 3,89 | 0,21 | 1,87 | 0,44297 | 0,5263 |
| 67 | 3 | 23 | 16,24 | 0,09 | 4,09 | 2,08189 | -2,0728 |
| 68 | 2 | 11 | 11,7 | 0,09 | 1,1 | -0,60056 | -0,45838 |
| 69 | 2 | 43 | 14,49 | 0,15 | 3,19 | 1,19195 | 1,23305 |
| 70 | 3 | 22 | 4,49 | 0,21 | 0,66 | -0,80842 | -0,65452 |
| 71 | 3 | 16 | 9,77 | 0,27 | 0,29 | -1,70148 | -1,49722 |
| 72 | 2 | 28 | 2,46 | 0,12 | 0,76 | -0,33171 | -0,20469 |

SPSS Data Outlier.sav

| | X | Y1 | Y2 | Y3 | Y4 | RES_1 | ZRES_1 |
|-----|---|-----|-------|------|------|----------|----------|
| 73 | 3 | 9 | 8,17 | 0,1 | 1,09 | -0,40022 | -0,26933 |
| 74 | 2 | 46 | 5,29 | 0,09 | 0,53 | -0,67005 | -0,52395 |
| 75 | 1 | 34 | 2,56 | 0,13 | 0,37 | -0,72966 | -0,5802 |
| 76 | 3 | 39 | 1,14 | 0,15 | 0,48 | -0,58858 | -0,44708 |
| 77 | 1 | 10 | 5,68 | 0,1 | 0,5 | -0,78221 | -0,62979 |
| 78 | 3 | 19 | 3,12 | 0,13 | 0,92 | -0,26828 | -0,14484 |
| 79 | 2 | 32 | 4,53 | 0,13 | 1,33 | 0,07286 | 0,17707 |
| 80 | 2 | 81 | 2,02 | 0,11 | 0,61 | -0,35948 | -0,23089 |
| 81 | 1 | 24 | 5,71 | 0,12 | 2,54 | 1,22688 | 1,26601 |
| 82 | 2 | 16 | 9,38 | 0,29 | 2,5 | 0,50445 | 0,58431 |
| 83 | 3 | 23 | 8 | 0,16 | 1,41 | -0,19017 | -0,07113 |
| 84 | 2 | 42 | 5,53 | 0,12 | 1,3 | 0,00783 | 0,1157 |
| 85 | 1 | 29 | 5,6 | 0,14 | 0,57 | -0,77555 | -0,6235 |
| 86 | 1 | 40 | 9,7 | 0,15 | 1,23 | -0,41641 | -0,28461 |
| 87 | 2 | 46 | 8,65 | 0,03 | 0,21 | -1,08909 | -0,91936 |
| 88 | 1 | 201 | 3,04 | 0,2 | 0,83 | -0,25393 | -0,1313 |
| 89 | 3 | 19 | 5,6 | 0,18 | 1,44 | -0,04123 | 0,0694 |
| 90 | 2 | 16 | 4,97 | 0,07 | 1,35 | 0,18107 | 0,27917 |
| 91 | 2 | 37 | 9,27 | 0,14 | 3,51 | 1,89884 | -1,90007 |
| 92 | 2 | 5 | 1,54 | 0,15 | 0,75 | -0,37559 | -0,2461 |
| 93 | 2 | 12 | 9,44 | 0,15 | 2,75 | 1,07153 | 1,11942 |
| 94 | 1 | 13 | 4,86 | 0,09 | 0,47 | -0,72675 | -0,57745 |
| 95 | 3 | 60 | 5,95 | 0,21 | 1,64 | 0,11624 | 0,218 |
| 96 | 2 | 28 | 4,67 | 0,12 | 0,37 | -0,87888 | -0,721 |
| 97 | 3 | 31 | 15,41 | 0,19 | 3,44 | 1,25311 | 1,29076 |
| 98 | 3 | 25 | 1,15 | 0,22 | 0,9 | -0,35039 | -0,22231 |
| 99 | 2 | 21 | 11,86 | 0,09 | 2,46 | 0,76082 | 0,82623 |
| 100 | 2 | 12 | 7,58 | 0,1 | 0,84 | -0,58961 | -0,44804 |
| 101 | 3 | 16 | 3,18 | 0,21 | 0,53 | -0,85292 | -0,69651 |
| 102 | 3 | 12 | 3,78 | 0,32 | 2,39 | 0,70281 | 0,77149 |
| 103 | 2 | 37 | 9,71 | 0,13 | 0,53 | -1,08914 | -0,9194 |
| 104 | 3 | 8 | 7,74 | 0,1 | 1,2 | -0,26091 | -0,13789 |
| 105 | 2 | 31 | 0,6 | 0,09 | 0,49 | -0,39566 | -0,26503 |
| 106 | 1 | 42 | 2,73 | 0,13 | 0,29 | -0,81154 | -0,65747 |
| 107 | 1 | 47 | 4,48 | 0,16 | 0,25 | -1,06922 | -0,90061 |
| 108 | 1 | 9 | 3,72 | 0,1 | 0,53 | -0,6141 | -0,47116 |

SPSS Data Outlier.sav

| | X | Y1 | Y2 | Y3 | Y4 | RES_1 | ZRES_1 |
|-----|---|----|-------|------|------|----------|----------|
| 109 | 3 | 16 | 2,8 | 0,13 | 0,89 | -0,27935 | -0,15528 |
| 110 | 2 | 29 | 24,17 | 0,14 | 0,58 | -2,10099 | -1,8742 |
| 111 | 2 | 71 | 6,39 | 0,11 | 0,44 | -0,85301 | -0,6966 |
| 112 | 1 | 23 | 6,58 | 0,12 | 2,37 | 0,99374 | 1,04601 |
| 113 | 2 | 14 | 6,71 | 0,23 | 1,92 | 0,25168 | 0,3458 |
| 114 | 3 | 20 | 1,95 | 0,16 | 0,76 | -0,41375 | -0,2821 |
| 115 | 2 | 33 | 3,57 | 0,12 | 0,88 | -0,28427 | -0,15993 |
| 116 | 1 | 23 | 5,19 | 0,14 | 0,12 | -1,20405 | -1,02784 |
| 117 | 1 | 38 | 1,73 | 0,15 | 1,1 | 0,01783 | 0,12514 |
| 118 | 2 | 45 | 3,24 | 0,03 | 0,12 | -0,79563 | 0,64245 |
| 119 | 1 | 92 | 6,89 | 0,2 | 0,63 | -0,86681 | -0,70962 |
| 120 | 3 | 19 | 5,3 | 0,19 | 1,05 | -0,43322 | -0,30048 |
| 121 | 2 | 13 | 4,83 | 0,07 | 1,68 | 0,51719 | 0,59634 |
| 122 | 1 | 41 | 9,56 | 0,07 | 2,06 | 0,61137 | 0,68521 |
| 123 | 3 | 30 | 14,81 | 0,14 | 4,07 | 2,0411 | -2,03431 |
| 124 | 2 | 40 | 10,17 | 0,14 | 2,78 | 1,10866 | 1,15446 |
| 125 | 1 | 8 | 23,19 | 0,13 | 0,83 | -1,76995 | -1,56183 |
| 126 | 2 | 4 | 2,58 | 0,15 | 0,59 | -0,61083 | 0,46807 |
| 127 | 2 | 12 | 25,99 | 0,15 | 1,93 | -0,92544 | -0,76494 |
| 128 | 1 | 10 | 18,99 | 0,09 | 0,37 | -1,83544 | -1,62363 |
| 129 | 3 | 39 | 6,01 | 0,21 | 0,91 | -0,64483 | -0,50015 |
| 130 | 2 | 23 | 0,59 | 0,12 | 0,2 | -0,76511 | 0,61365 |
| 131 | 3 | 32 | 12,84 | 0,18 | 2,23 | 0,25048 | 0,34467 |
| 132 | 3 | 25 | -0,55 | 0,21 | 0,84 | -0,26617 | -0,14285 |
| 133 | 2 | 20 | 10,25 | 0,09 | 1,91 | 0,32404 | 0,41408 |
| 134 | 2 | 12 | 4,23 | 0,1 | 0,83 | -0,36137 | -0,23268 |
| 135 | 3 | 41 | 31,4 | 0,16 | 3,26 | 1,81141 | -1,81757 |
| 136 | 3 | 15 | -4,76 | 0,21 | 0,64 | -0,17954 | -0,0611 |
| 137 | 3 | 13 | 2,77 | 0,34 | 2,43 | 0,76928 | 0,83421 |
| 138 | 2 | 37 | 2,08 | 0,13 | 0,82 | -0,25652 | -0,13374 |
| 139 | 3 | 9 | 5,38 | 0,1 | 1,16 | -0,1318 | -0,01606 |
| 140 | 2 | 32 | 1,54 | 0,09 | 0,49 | -0,46123 | -0,32691 |
| 141 | 1 | 41 | 2,07 | 0,13 | 0,49 | -0,56588 | -0,42566 |
| 142 | 1 | 47 | 1,15 | 0,16 | 0,34 | -0,74241 | 0,59223 |
| 143 | 1 | 10 | 2,57 | 0,1 | 0,51 | -0,55104 | 0,41165 |
| 144 | 3 | 17 | 32,26 | 0,13 | 0,85 | -0,27967 | -0,15559 |

SPSS Data Outlier.sav

| | X | Y1 | Y2 | Y3 | Y4 | RES_1 | ZRES_1 |
|-----|---|------|-------|------|------|----------|----------|
| 145 | 2 | 29 | 0,88 | 0,14 | 1,31 | 0,28529 | 0,37752 |
| 146 | 2 | 73 | 0,85 | 0,11 | 0,45 | -0,44648 | -0,31299 |
| 147 | 1 | 24 | 6,8 | 0,12 | 1,67 | 0,27937 | 0,37193 |
| 148 | 2 | 14 | 6,99 | 0,25 | 2,54 | 0,80513 | 0,86804 |
| 149 | 3 | 21 | 32,35 | 0,19 | 0,96 | -0,31088 | -0,18503 |
| 150 | 1 | -145 | 3,42 | 0,12 | 0,01 | -1,51296 | -1,31933 |
| 151 | 1 | 23 | 1,87 | 0,14 | 0,26 | -0,82795 | 0,67294 |
| 152 | 1 | 38 | 2,96 | 0,15 | 0,78 | -0,38964 | -0,25935 |
| 153 | 2 | 46 | 0,17 | 0,03 | 0,22 | -0,47603 | -0,34087 |
| 154 | 1 | 92 | 6,89 | 0,2 | 0,67 | -0,82681 | 0,67187 |
| 155 | 3 | 19 | 5,4 | 0,19 | 1,35 | -0,14033 | -0,0241 |
| 156 | 2 | 13 | 4,94 | 0,07 | 1,69 | 0,51937 | 0,5984 |
| 157 | 3 | 41 | 30,63 | 0,07 | 2,54 | 1,01528 | 1,06634 |
| 158 | 3 | 30 | 32,81 | 0,14 | 4,07 | 2,0411 | -2,03431 |
| 159 | 2 | 40 | 10,22 | 0,14 | 3,05 | 1,37511 | -1,40588 |
| 160 | 1 | 8 | -4,67 | 0,13 | 1,27 | -1,4352 | -1,24596 |
| 161 | 2 | 4 | 2,87 | 0,15 | 0,61 | -0,61145 | -0,46866 |
| 162 | 2 | 12 | 26,77 | 0,15 | 2,09 | -0,82091 | 0,6663 |
| 163 | 1 | 10 | -1,04 | 0,09 | 0,39 | -1,819 | -1,60811 |
| 164 | 1 | 39 | 6,34 | 0,23 | 0,64 | -0,98493 | -0,82108 |
| 165 | 2 | 23 | 1,63 | 0,12 | 0,3 | -0,73907 | 0,58908 |

LAPORAN KEUANGAN

Data GCG (komisaris independen)
Perusahaan Manufaktur Periode (2012-2016)

Lampiran 1

| No | Nama Perusahaan | Kode | Komisaris Independen | | | | 2016 |
|----|--------------------------------|------|----------------------|------|------|------|------|
| | | | 2012 | 2013 | 2014 | 2015 | |
| 1 | Indocement Tunggal Prakasa Tbk | INTP | 3 | 3 | 3 | 3 | 3 |
| 2 | Holcim Indonesia Tbk | SMCB | 3 | 3 | 3 | 3 | 3 |
| 3 | Semen Indonesia (Persero) Tbk | SMGR | 2 | 2 | 2 | 2 | 2 |
| 4 | Asahimas Flat Glass Tbk | AMFG | 2 | 2 | 2 | 2 | 2 |
| 5 | Surya Toto Indonesia Tbk | TOTO | 2 | 2 | 2 | 2 | 2 |
| 6 | Betonjaya Manunggal Tbk | BTON | 3 | 3 | 3 | 3 | 3 |
| 7 | Citra Tubindo Tbk | CTBN | 3 | 3 | 3 | 3 | 3 |
| 8 | Indal Alumunium Industry Tbk | INAI | 2 | 2 | 2 | 2 | 2 |
| 9 | Lion Metal Works Tbk | LION | 3 | 3 | 3 | 3 | 3 |
| 10 | Lionmesh Prima Tbk | LMSH | 2 | 2 | 2 | 2 | 2 |
| 11 | Pelangi Indah Canindo Tbk | PICO | 1 | 1 | 1 | 1 | 1 |
| 12 | Budi Acid Jaya Tbk | BUDI | 3 | 3 | 3 | 3 | 3 |
| 13 | Duta Pertiwi Nusantara Tbk | DPNS | 1 | 1 | 1 | 1 | 1 |
| 14 | Indo Acidatama Tbk | SRSN | 3 | 3 | 3 | 3 | 3 |
| 15 | Berlina Tbk | BRNA | 2 | 2 | 2 | 2 | 2 |
| 16 | Trias Sentosa Tbk | TRST | 2 | 2 | 2 | 2 | 2 |
| 17 | Alkindo Naratama Tbk | ALDO | 1 | 1 | 1 | 1 | 1 |
| 18 | Astra Internasional Tbk | ASII | 2 | 2 | 2 | 2 | 2 |
| 19 | Astra Otoparts Tbk | AUTO | 3 | 3 | 3 | 3 | 3 |
| 20 | Indo Kordsa Tbk | BRAM | 2 | 2 | 2 | 2 | 2 |
| 21 | Indospring tbk | INDS | 1 | 1 | 1 | 1 | 1 |
| 22 | Nipress Tbk | NIPS | 1 | 1 | 1 | 1 | 1 |
| 23 | Prima Alloy Steel Tbk | PRAS | 2 | 2 | 2 | 2 | 2 |
| 24 | PT Wilmar Cahaya Indonesia Tbk | CEKA | 1 | 1 | 1 | 1 | 1 |
| 25 | Indofood Sukses Makmur Tbk | INDF | 3 | 3 | 3 | 3 | 3 |
| 26 | Sekar Laut Tbk | SKLT | 2 | 2 | 2 | 2 | 2 |
| 27 | Siantar Top Tbk | STTP | 1 | 1 | 1 | 1 | 1 |
| 28 | UltraJaya Milk Ind and TradTbk | ULTJ | 3 | 3 | 3 | 3 | 3 |
| 29 | Gudang Garam Tbk | GGRM | 2 | 2 | 2 | 2 | 2 |
| 30 | Merck Tbk | MERK | 1 | 1 | 1 | 1 | 1 |
| 31 | Pyridam Farma Tbk | PYFA | 2 | 2 | 2 | 2 | 2 |
| 32 | Mandom Indonesia Tbk | TCID | 2 | 2 | 2 | 2 | 2 |
| 33 | Kedaung Indah Can Tbk | KICI | 1 | 1 | 1 | 1 | 1 |
| 34 | Tunas Baru Lampung Tbk | TBLA | 3 | 3 | 3 | 3 | 3 |
| 35 | Kedawung Setia Industrial Tbk | KDSI | 2 | 2 | 2 | 2 | 2 |

Data Kinerja Keuangan (ROA)
Perusahaan Manufaktur Periode 2012-2016

Lampiran 2

| No | Nama Perusahaan | Kode | ROA | | | | |
|----|--|------|-------|-------|-------|-------|-------|
| | | | 2012 | 2013 | 2014 | 2015 | 2016 |
| 1 | Indocement Tunggal Prakasa Tbk | INTP | 20,93 | 19,61 | 17,84 | 15,41 | 12,84 |
| 2 | Holcim Indonesia Tbk | SMCB | 11,1 | 6,39 | 3,89 | 1,15 | -0,55 |
| 3 | Semen Indonesia (Persero) Tbk | SMGR | 18,53 | 17,39 | 16,24 | 11,86 | 10,25 |
| 4 | Asahimas Flat Glass Tbk | AMFG | 11,13 | 9,56 | 11,7 | 7,58 | 4,23 |
| 5 | Surya Toto Indonesia Tbk | TOTO | 15,54 | 13,55 | 14,49 | 11,69 | 6,4 |
| 6 | Betonjaya Manunggal Tbk | BTON | 16,99 | 14,56 | 4,49 | 3,18 | -4,76 |
| 7 | Citra Tubindo Tbk | CTBN | 12,86 | 13,92 | 9,77 | 3,78 | 2,77 |
| 8 | Indal Alumunium Industry Tbk | INAI | 3,78 | 0,66 | 2,46 | 9,71 | 2,08 |
| 9 | Lion Metal Works Tbk | LION | 19,69 | 12,99 | 8,17 | 7,74 | 5,38 |
| 10 | Lionmesh Prima Tbk | LMSH | 32,11 | 10,15 | 5,29 | 0,6 | 1,54 |
| 11 | Pelangi Indah Canindo Tbk | PICO | 1,88 | 2,56 | 2,56 | 2,73 | 2,07 |
| 12 | Budi Acid Jaya Tbk | BUDI | 0,16 | 1,67 | 1,14 | 4,48 | 1,15 |
| 13 | Duta Pertiwi Nusantara Tbk | DPNS | 13,25 | 26,52 | 5,68 | 3,72 | 2,57 |
| 14 | Indo Acidatama Tbk | SRSN | 4,22 | 9,75 | 3,12 | 2,8 | 2,26 |
| 15 | Berlina Tbk | BRNA | 7,87 | 1,92 | 4,53 | 24,17 | 0,88 |
| 16 | Trias Sentosa Tbk | TRST | 5,13 | 11,8 | 2,02 | 6,39 | 0,85 |
| 17 | Alkindo Naratama Tbk | ALDO | 6,4 | 10,91 | 5,71 | 6,58 | 6,8 |
| 18 | Astra Internasional Tbk | ASII | 12,32 | 11,08 | 9,38 | 6,71 | 6,99 |
| 19 | Astra Otoparts Tbk | AUTO | 12,12 | 8,34 | 8 | 1,95 | 2,35 |
| 20 | Indo Kordsa Tbk | BRAM | 10,65 | 0,82 | 5,53 | 3,57 | 5,42 |
| 21 | Indospring tbk | INDS | 32,46 | 18,72 | 5,6 | 5,19 | 1,87 |
| 22 | Nipress Tbk | NIPS | 8,29 | 4,24 | 9,7 | 1,73 | 2,96 |
| 23 | Prima Alloy Steel Tbk | PRAS | 7,18 | 10,95 | 8,65 | 3,24 | 0,17 |
| 24 | PT Wilmar Cahaya Indonesia Tbk (Formerly PT Cahaya Kalbar Tbk.) | CEKA | 5,68 | 6,06 | 3,04 | 6,89 | 6,89 |
| 25 | Indofood Sukses Makmur Tbk | INDF | 8,2 | 64,33 | 5,6 | 5,3 | 5,4 |
| 26 | Sekar Laut Tbk | SKLT | 3,19 | 3,79 | 4,97 | 4,83 | 4,94 |
| 27 | Siantar Top Tbk | STTP | 5,97 | 7,78 | 7,26 | 9,56 | 10,63 |
| 28 | UltraJaya Milk Industry and Trading Company Tbk | ULTJ | 14,6 | 11,56 | 9,71 | 14,81 | 14,81 |
| 29 | Gudang Garam Tbk | GGRM | 9,8 | 8,63 | 9,27 | 10,17 | 10,22 |
| 30 | Merck Tbk | MERK | 18,93 | 25,17 | 25,32 | 23,19 | 24,67 |
| 31 | Pyridam Farma Tbk | PYFA | 3,91 | 3,54 | 1,54 | 2,58 | 2,87 |
| 32 | Mandom Indonesia Tbk | TCID | 11,95 | 10,95 | 9,44 | 25,99 | 26,77 |
| 33 | Kedaung Indah Can Tbk | KICI | 2,38 | 7,55 | 4,86 | 18,99 | 19,04 |
| 34 | Tunas Baru Lampung Tbk | TBLA | 4,7 | 1,38 | 5,95 | 6,01 | 6,34 |
| 35 | Kedawung Setia Industrial Tbk | KDSI | 6,46 | 4,23 | 4,67 | 0,59 | 1,63 |

Data Modal Intelektual (HCE)
Perusahaan Manufaktur Periode 2012-2016

Lampiran 3

| No | Nama Perusahaan | Kode | HCE = VA/HC | | | | |
|----|---|------|-------------|---------|---------|--------|--------|
| | | | 2012 | 2013 | 2014 | 2015 | 2016 |
| 1 | Indocement Tunggal Prakasa Tbk | INTP | 48,683 | 46,943 | 34,346 | 28,694 | 29,983 |
| 2 | Holcim Indonesia Tbk | SMCB | 23,298 | 24,572 | 19,102 | 22,676 | 22,977 |
| 3 | Semen Indonesia (Persero) Tbk | SMGR | 21,019 | 22,42 | 21,064 | 18,686 | 18,226 |
| 4 | Asahimas Flat Glass Tbk | AMFG | 7,369 | 6,986 | 8,914 | 10,191 | 10,313 |
| 5 | Surya Toto Indonesia Tbk | TOTO | 35,331 | 26,561 | 41,05 | 38,319 | 39,321 |
| 6 | Betonjaya Manunggal Tbk | BTON | 40,05 | 33,893 | 20,209 | 14,604 | 13,526 |
| 7 | Citra Tubindo Tbk | CTBN | 12,116 | 16,521 | 14,35 | 9,813 | 10,886 |
| 8 | Indal Alumunium Industry Tbk | INAI | 19,741 | 19,293 | 25,666 | 34,594 | 35,242 |
| 9 | Lion Metal Works Tbk | LION | 8,128 | 6,732 | 7,226 | 6,576 | 7,234 |
| 10 | Lionmesh Prima Tbk | LSMH | 40,901 | 37,563 | 43,581 | 29,271 | 30,166 |
| 11 | Pelangi Indah Canindo Tbk | PICO | 31,298 | 33,542 | 32,559 | 40,155 | 38,725 |
| 12 | Budi Acid Jaya Tbk | BUDI | 43,748 | 41,646 | 36,612 | 44,71 | 45,188 |
| 13 | Duta Pertiwi Nusantara Tbk | DPNS | 12,539 | 12,802 | 7,948 | 7,016 | 7,786 |
| 14 | Asiaplast Industries Tbk | APLI | 20,943 | 13,021 | 17,243 | 14,094 | 14,892 |
| 15 | Berlina Tbk | BRNA | 26,553 | 22,45 | 29,85 | 27,326 | 26,869 |
| 16 | Trias Sentosa Tbk | TRST | 63,44 | 65,342 | 79,253 | 69,373 | 71,087 |
| 17 | Alkindo Naratama Tbk | ALDO | 25,017 | 26,488 | 22,416 | 21,245 | 21,847 |
| 18 | Astra Internasional Tbk | ASII | 17,075 | 15,1 | 13,948 | 11,931 | 12,337 |
| 19 | Astra Otoparts Tbk | AUTO | 22,805 | 21,615 | 20,865 | 18,444 | 19,184 |
| 20 | Indo Kordsa Tbk | BRAM | 35,184 | 40,551 | 39,933 | 30,676 | 146,77 |
| 21 | Indospring tbk | INDS | 31,401 | 30,565 | 26,722 | 21,259 | 21,265 |
| 22 | Nipress Tbk | NIPS | 64,332 | 64,205 | 38,144 | 36,418 | 36,432 |
| 23 | Prima Alloy Steel Tbk | PRAS | 32,425 | 31,4 | 43,823 | 43,54 | 43,563 |
| 24 | PT Wilmar Cahaya Indonesia Tbk (Formerly PT Cahaya Kalbar Tbk.) | CEKA | 89,649 | 151,229 | 199,437 | 90,257 | 90,322 |
| 25 | Indofood Sukses Makmur Tbk | INDF | 15,411 | 21,361 | 17,369 | 16,976 | 16,969 |
| 26 | Sekar Laut Tbk | SKLT | 13,669 | 13,759 | 13,668 | 11,462 | 11,454 |
| 27 | Siantar Top Tbk | STTP | 36,888 | 42,812 | 44,176 | 39,348 | 39,356 |
| 28 | UltraJaya Milk Ind and Trad | ULTJ | 26,218 | 28,792 | 30,023 | 27,943 | 27,934 |
| 29 | Gudang Garam Tbk | GGRM | 45,577 | 43,038 | 35,023 | 37,976 | 37,99 |
| 30 | Merck Tbk | MERK | 5,909 | 4,746 | 6,525 | 6,269 | 6,258 |
| 31 | Pyridam Farma Tbk | PYFA | 3,342 | 3,033 | 3,324 | 3,098 | 3,079 |
| 32 | Mandom Indonesia Tbk | TCID | 11,785 | 10,257 | 9,953 | 10,476 | 10,465 |
| 33 | Kedaung Indah Can Tbk | KICI | 14,108 | 12,346 | 11,203 | 8,711 | 8,708 |
| 34 | Tunas Baru Lampung Tbk | TBLA | 47,237 | 35,429 | 57,564 | 36,973 | 36,976 |
| 35 | Kedawung Setia Industrial Tbk | KDSI | 25,376 | 24,812 | 26,434 | 21,297 | 21,301 |

Data Modal Intelektual (SCE)
Perusahaan Manufaktur Periode 2012-2016

Lampiran 3

| No | Nama Perusahaan | Kode | SCE = SC/VA | | | | |
|----|--|------|-------------|-------|-------|-------|-------|
| | | | 2012 | 2013 | 2014 | 2015 | 2016 |
| 1 | Indocement Tunggal Prakasa Tbk | INTP | 0,979 | 0,979 | 0,971 | 0,965 | 0,967 |
| 2 | Holcim Indonesia Tbk | SMCB | 0,957 | 0,959 | 0,948 | 0,956 | 0,956 |
| 3 | Semen Indonesia (Persero) Tbk | SMGR | 0,952 | 0,955 | 0,953 | 0,946 | 0,945 |
| 4 | Asahimas Flat Glass Tbk | AMFG | 0,864 | 0,857 | 0,888 | 0,902 | 0,903 |
| 5 | Surya Toto Indonesia Tbk | TOTO | 0,972 | 0,962 | 0,976 | 0,974 | 0,975 |
| 6 | Betonjaya Manunggal Tbk | BTON | 0,975 | 0,97 | 0,951 | 0,932 | 0,926 |
| 7 | Citra Tubindo Tbk | CTBN | 0,917 | 0,939 | 0,93 | 0,898 | 0,908 |
| 8 | Indal Alumunium Industry Tbk | INAI | 0,949 | 0,948 | 0,961 | 0,971 | 0,972 |
| 9 | Lion Metal Works Tbk | LION | 0,877 | 0,851 | 0,862 | 0,848 | 0,862 |
| 10 | Lionmesh Prima Tbk | LMSH | 0,976 | 0,973 | 0,977 | 0,966 | 0,967 |
| 11 | Pelangi Indah Canindo Tbk | PICO | 0,968 | 0,97 | 0,969 | 0,975 | 0,974 |
| 12 | Budi Acid Jaya Tbk | BUDI | 0,977 | 0,976 | 0,973 | 0,978 | 0,978 |
| 13 | Duta Pertiwi Nusantara Tbk | DPNS | 0,92 | 0,922 | 0,874 | 0,857 | 0,872 |
| 14 | Asiaplast Industries Tbk | APLI | 0,952 | 0,923 | 0,942 | 0,929 | 0,933 |
| 15 | Berlina Tbk | BRNA | 0,962 | 0,955 | 0,966 | 0,963 | 0,963 |
| 16 | Trias Sentosa Tbk | TRST | 0,984 | 0,985 | 0,987 | 0,986 | 0,986 |
| 17 | Alkindo Naratama Tbk | ALDO | 0,96 | 0,962 | 0,955 | 0,953 | 0,954 |
| 18 | Astra Internasional Tbk | ASII | 0,941 | 0,934 | 0,928 | 0,916 | 0,919 |
| 19 | Astra Otoparts Tbk | AUTO | 0,956 | 0,954 | 0,952 | 0,946 | 0,948 |
| 20 | Indo Kordsa Tbk | BRAM | 0,972 | 0,975 | 0,975 | 0,967 | 1,007 |
| 21 | Indospring Tbk | INDS | 0,968 | 0,967 | 0,963 | 0,953 | 0,953 |
| 22 | Nipress Tbk | NIPS | 0,984 | 0,984 | 0,974 | 0,973 | 0,973 |
| 23 | Prima Alloy Steel Tbk | PRAS | 0,969 | 0,968 | 0,977 | 0,977 | 0,977 |
| 24 | PT Wilmar Cahaya Indonesia Tbk (Formerly PT Cahaya Kalbar Tbk.) | CEKA | 0,989 | 0,993 | 0,995 | 0,989 | 0,989 |
| 25 | Indofood Sukses Makmur Tbk | INDF | 0,935 | 0,953 | 0,942 | 0,941 | 0,941 |
| 26 | Sekar Laut Tbk | SKLT | 0,927 | 0,927 | 0,927 | 0,913 | 0,913 |
| 27 | Siantar Top Tbk | STTP | 0,973 | 0,977 | 0,977 | 0,975 | 0,975 |
| 28 | UltraJaya Milk Ind and Trad | ULTJ | 0,962 | 0,965 | 0,967 | 0,964 | 0,964 |
| 29 | Gudang Garam Tbk | GGRM | 0,978 | 0,977 | 0,971 | 0,974 | 0,974 |
| 30 | Merck Tbk | MERK | 0,831 | 0,789 | 0,847 | 0,84 | 0,84 |
| 31 | Pyridam Farma Tbk | PYFA | 0,701 | 0,67 | 0,699 | 0,677 | 0,675 |
| 32 | Mandom Indonesia Tbk | TCID | 0,915 | 0,903 | 0,9 | 0,905 | 0,904 |
| 33 | Kedaung Indah Can Tbk | KICI | 0,929 | 0,919 | 0,911 | 0,885 | 0,885 |
| 34 | Tunas Baru Lampung Tbk | TBLA | 0,979 | 0,972 | 0,983 | 0,973 | 0,973 |
| 35 | Kedawung Setia Industrial Tbk | KDSI | 0,961 | 0,96 | 0,962 | 0,953 | 0,953 |

Data Modal Intelektual (CCE)
Perusahaan Manufaktur Periode 2012-2016

Lampiran 3

| No | Nama Perusahaan | Kode | CEE=SC/VA | | | | |
|----|--|------|-----------|-------|-------|-------|-------|
| | | | 2012 | 2013 | 2014 | 2015 | 2016 |
| 1 | Indocement Tunggul Prakasa Tbk | INTP | 0,979 | 0,979 | 0,971 | 0,965 | 0,967 |
| 2 | Holcim Indonesia Tbk | SMCB | 0,957 | 0,959 | 0,948 | 0,956 | 0,956 |
| 3 | Semen Indonesia (Persero) Tbk | SMGR | 0,952 | 0,955 | 0,953 | 0,946 | 0,945 |
| 4 | Asahimas Flat Glass Tbk | AMFG | 0,864 | 0,857 | 0,888 | 0,902 | 0,903 |
| 5 | Surya Toto Indonesia Tbk | TOTO | 0,972 | 0,962 | 0,976 | 0,974 | 0,975 |
| 6 | Betonjaya Manunggal Tbk | BTON | 0,975 | 0,97 | 0,951 | 0,932 | 0,926 |
| 7 | Citra Tubindo Tbk | CTBN | 0,917 | 0,939 | 0,93 | 0,898 | 0,908 |
| 8 | Indal Alumunium Industry Tbk | INAI | 0,949 | 0,948 | 0,961 | 0,971 | 0,972 |
| 9 | Lion Metal Works Tbk | LION | 0,877 | 0,851 | 0,862 | 0,848 | 0,862 |
| 10 | Lionmesh Prima Tbk | LMSH | 0,976 | 0,973 | 0,977 | 0,966 | 0,967 |
| 11 | Pelangi Indah Canindo Tbk | PICO | 0,968 | 0,97 | 0,969 | 0,975 | 0,974 |
| 12 | Budi Acid Jaya Tbk | BUDI | 0,977 | 0,976 | 0,973 | 0,978 | 0,978 |
| 13 | Duta Pertiwi Nusantara Tbk | DPNS | 0,92 | 0,922 | 0,874 | 0,857 | 0,872 |
| 14 | Asiaplast Industries Tbk | APLI | 0,952 | 0,923 | 0,942 | 0,929 | 0,933 |
| 15 | Berlina Tbk | BRNA | 0,962 | 0,955 | 0,966 | 0,963 | 0,963 |
| 16 | Trias Sentosa Tbk | TRST | 0,984 | 0,985 | 0,987 | 0,986 | 0,986 |
| 17 | Alkindo Naratama Tbk | ALDO | 0,96 | 0,962 | 0,955 | 0,953 | 0,954 |
| 18 | Astra Internasional Tbk | ASII | 0,941 | 0,934 | 0,928 | 0,916 | 0,919 |
| 19 | Astra Otoparts Tbk | AUTO | 0,956 | 0,954 | 0,952 | 0,946 | 0,948 |
| 20 | Indo Kordsa Tbk | BRAM | 0,972 | 0,975 | 0,975 | 0,967 | 1,007 |
| 21 | Indospring Tbk | INDS | 0,968 | 0,967 | 0,963 | 0,953 | 0,953 |
| 22 | Nipress Tbk | NIPS | 0,984 | 0,984 | 0,974 | 0,973 | 0,973 |
| 23 | Prima Alloy Steel Tbk | PRAS | 0,969 | 0,968 | 0,977 | 0,977 | 0,977 |
| 24 | PT Wilmar Cahaya Indonesia Tbk (Formerly PT Cahaya Kalbar Tbk.) | CEKA | 0,989 | 0,993 | 0,995 | 0,989 | 0,989 |
| 25 | Indofood Sukses Makmur Tbk | INDF | 0,935 | 0,953 | 0,942 | 0,941 | 0,941 |
| 26 | Sekar Laut Tbk | SKLT | 0,927 | 0,927 | 0,927 | 0,913 | 0,913 |
| 27 | Siantar Top Tbk | STTP | 0,973 | 0,977 | 0,977 | 0,975 | 0,975 |
| 28 | UltraJaya Milk Ind and Trad | ULTJ | 0,962 | 0,965 | 0,967 | 0,964 | 0,964 |
| 29 | Gudang Garam Tbk | GGRM | 0,978 | 0,977 | 0,971 | 0,974 | 0,974 |
| 30 | Merck Tbk | MERK | 0,831 | 0,789 | 0,847 | 0,84 | 0,84 |
| 31 | Pyridam Farma Tbk | PYFA | 0,701 | 0,67 | 0,699 | 0,677 | 0,675 |
| 32 | Mandom Indonesia Tbk | TCID | 0,915 | 0,903 | 0,9 | 0,905 | 0,904 |
| 33 | Kedaung Indah Can Tbk | KICI | 0,929 | 0,919 | 0,911 | 0,885 | 0,885 |
| 34 | Tunas Baru Lampung Tbk | TBLA | 0,979 | 0,972 | 0,983 | 0,973 | 0,973 |
| 35 | Kedawung Setia Industrial Tbk | KDSI | 0,961 | 0,96 | 0,962 | 0,953 | 0,953 |

Data Modal Intelektual (VAIC)
Perusahaan Manufaktur Periode 2012-2016

Lampiran 3

| No | Nama Perusahaan | Kode | Modal Intelektual HCE+SCE+CEE | | | | |
|----|---|------|----------------------------------|------|------|------|------|
| | | | 2012 | 2013 | 2014 | 2015 | 2016 |
| 1 | Indocement Tunggul Prakasa Tbk | INTP | 51 | 49 | 36 | 31 | 32 |
| 2 | Holcim Indonesia Tbk | SMCB | 25 | 26 | 21 | 25 | 25 |
| 3 | Semen Indonesia (Persero) Tbk | SMGR | 23 | 24 | 23 | 21 | 20 |
| 4 | Asahimas Flat Glass Tbk | AMFG | 9 | 9 | 11 | 12 | 12 |
| 5 | Surya Toto Indonesia Tbk | TOTO | 37 | 28 | 43 | 40 | 41 |
| 6 | Betonjaya Manunggal Tbk | BTON | 42 | 36 | 22 | 16 | 15 |
| 7 | Citra Tubindo Tbk | CTBN | 14 | 18 | 16 | 12 | 13 |
| 8 | Indal Alumunium Industry Tbk | INAI | 22 | 21 | 28 | 37 | 37 |
| 9 | Lion Metal Works Tbk | LION | 10 | 8 | 9 | 8 | 9 |
| 10 | Lionmesh Prima Tbk | LMSH | 43 | 40 | 46 | 31 | 32 |
| 11 | Pelangi Indah Canindo Tbk | PICO | 33 | 35 | 34 | 42 | 41 |
| 12 | Budi Acid Jaya Tbk | BUDI | 46 | 44 | 39 | 47 | 47 |
| 13 | Duta Pertiwi Nusantara Tbk | DPNS | 14 | 15 | 10 | 9 | 10 |
| 14 | Asiaplast Industries Tbk | APLI | 23 | 15 | 19 | 16 | 17 |
| 15 | Berlina Tbk | BRNA | 28 | 24 | 32 | 29 | 29 |
| 16 | Trias Sentosa Tbk | TRST | 65 | 67 | 81 | 71 | 73 |
| 17 | Alkindo Naratama Tbk | ALDO | 27 | 28 | 24 | 23 | 24 |
| 18 | Astra Internasional Tbk | ASII | 19 | 17 | 16 | 14 | 14 |
| 19 | Astra Otoparts Tbk | AUTO | 25 | 24 | 23 | 20 | 21 |
| 20 | Indo Kordsa Tbk | BRAM | 37 | 43 | 42 | 33 | -145 |
| 21 | Indospring tbk | INDS | 33 | 32 | 29 | 23 | 23 |
| 22 | Nipress Tbk | NIPS | 66 | 66 | 40 | 38 | 38 |
| 23 | Prima Alloy Steel Tbk | PRAS | 34 | 33 | 46 | 45 | 46 |
| 24 | PT Wilmar Cahaya Indonesia Tbk (Formerly PT Cahaya Kalbar Tbk.) | CEKA | 92 | 153 | 201 | 92 | 92 |
| 25 | Indofood Sukses Makmur Tbk | INDF | 17 | 23 | 19 | 19 | 19 |
| 26 | Sekar Laut Tbk | SKLT | 16 | 16 | 16 | 13 | 13 |
| 27 | Siantar Top Tbk | STTP | 39 | 45 | 46 | 41 | 41 |
| 28 | UltraJaya Milk Ind and Trad | ULTJ | 28 | 31 | 32 | 30 | 30 |
| 29 | Gudang Garam Tbk | GGRM | 48 | 45 | 37 | 40 | 40 |
| 30 | Merck Tbk | MERK | 8 | 6 | 8 | 8 | 8 |
| 31 | Pyridam Farma Tbk | PYFA | 5 | 4 | 5 | 4 | 4 |
| 32 | Mandom Indonesia Tbk | TCID | 14 | 12 | 12 | 12 | 12 |
| 33 | Kedaung Indah Can Tbk | KICI | 16 | 14 | 13 | 10 | 10 |
| 34 | Tunas Baru Lampung Tbk | TBLA | 49 | 37 | 60 | 39 | 39 |
| 35 | Kedawung Setia Industrial Tbk | KDSI | 27 | 27 | 28 | 23 | 23 |

Data Corporate Social Responsibility
Perusahaan Manufaktur 2012-2016

Lampiran 4

| No | Nama Perusahaan | Kode | Jumlah Pengungkapan | | | | | CSRDI | | | | |
|----|--------------------------------|------|---------------------|------|------|------|------|-------|------|------|------|------|
| | | | 2012 | 2013 | 2014 | 2015 | 2016 | 2012 | 2013 | 2014 | 2015 | 2016 |
| 1 | Indocement Tunggul Prakasa Tbk | INTP | 15 | 16 | 16 | 17 | 16 | 0,16 | 0,18 | 0,18 | 0,19 | 0,18 |
| 2 | Holcim Indonesia Tbk | SMCB | 17 | 17 | 19 | 20 | 19 | 0,19 | 0,19 | 0,21 | 0,22 | 0,21 |
| 3 | Semen Indonesia (Persero) Tbk | SMGR | 7 | 7 | 8 | 8 | 8 | 0,08 | 0,08 | 0,09 | 0,09 | 0,09 |
| 4 | Asahimas Flat Glass Tbk | AMFG | 9 | 9 | 8 | 9 | 9 | 0,10 | 0,10 | 0,09 | 0,10 | 0,10 |
| 5 | Surya Toto Indonesia Tbk | TOTO | 13 | 14 | 14 | 14 | 15 | 0,14 | 0,15 | 0,15 | 0,15 | 0,16 |
| 6 | Betonjaya Manunggal Tbk | BTON | 15 | 18 | 19 | 19 | 19 | 0,16 | 0,20 | 0,21 | 0,21 | 0,21 |
| 7 | Citra Tubindo Tbk | CTBN | 15 | 21 | 25 | 29 | 31 | 0,16 | 0,23 | 0,27 | 0,32 | 0,34 |
| 8 | Indal Alumunium Industry Tbk | INAI | 10 | 10 | 11 | 12 | 12 | 0,11 | 0,11 | 0,12 | 0,13 | 0,13 |
| 9 | Lion Metal Works Tbk | LION | 8 | 9 | 9 | 9 | 9 | 0,09 | 0,10 | 0,10 | 0,10 | 0,10 |
| 10 | Lionmesh Prima Tbk | LMSH | 6 | 8 | 8 | 8 | 8 | 0,07 | 0,09 | 0,09 | 0,09 | 0,09 |
| 11 | Pelangi Indah Canindo Tbk | PICO | 13 | 12 | 12 | 12 | 12 | 0,14 | 0,13 | 0,13 | 0,13 | 0,13 |
| 12 | Budi Acid Jaya Tbk | BUDI | 14 | 14 | 14 | 15 | 15 | 0,15 | 0,15 | 0,15 | 0,16 | 0,16 |
| 13 | Duta Pertiwi Nusantara Tbk | DPNS | 10 | 9 | 9 | 9 | 9 | 0,11 | 0,10 | 0,10 | 0,10 | 0,10 |
| 14 | Indo Acidatama Tbk | SRSN | 12 | 12 | 12 | 12 | 12 | 0,13 | 0,13 | 0,13 | 0,13 | 0,13 |
| 15 | Berlina Tbk | BRNA | 13 | 12 | 12 | 13 | 13 | 0,14 | 0,13 | 0,13 | 0,14 | 0,14 |
| 16 | Trias Sentosa Tbk | TRST | 5 | 10 | 10 | 10 | 10 | 0,05 | 0,11 | 0,11 | 0,11 | 0,11 |
| 17 | Alkindo Naratama Tbk | ALDO | 8 | 11 | 11 | 11 | 11 | 0,09 | 0,12 | 0,12 | 0,12 | 0,12 |
| 18 | Astra Internasional Tbk | ASII | 65 | 26 | 26 | 21 | 23 | 0,71 | 0,29 | 0,29 | 0,23 | 0,25 |
| 19 | Astra Otoparts Tbk | AUTO | 14 | 14 | 15 | 15 | 17 | 0,15 | 0,15 | 0,16 | 0,16 | 0,19 |
| 20 | Indo Kordsa Tbk | BRAM | 6 | 11 | 11 | 11 | 11 | 0,07 | 0,12 | 0,12 | 0,12 | 0,12 |
| 21 | Indospring tbk | INDS | 8 | 13 | 13 | 13 | 13 | 0,09 | 0,14 | 0,14 | 0,14 | 0,14 |

| | | | | | | | | | | | | |
|----|----------------------------------|------|----|----|----|----|----|------|------|------|------|------|
| 22 | Nipress Tbk | NIPS | 5 | 14 | 14 | 14 | 14 | 0,05 | 0,15 | 0,15 | 0,15 | 0,15 |
| 23 | Prima Alloy Steel Tbk | PRAS | 5 | 3 | 3 | 3 | 3 | 0,05 | 0,03 | 0,03 | 0,03 | 0,03 |
| 24 | PT Wilmar Cahaya Indonesia | CEKA | 17 | 17 | 18 | 18 | 18 | 0,19 | 0,19 | 0,20 | 0,20 | 0,20 |
| 25 | Indofood Sukses Makmur Tbk | INDF | 18 | 16 | 16 | 17 | 17 | 0,20 | 0,18 | 0,18 | 0,19 | 0,19 |
| 26 | Sekar Laut Tbk | SKLT | 4 | 6 | 6 | 6 | 6 | 0,04 | 0,07 | 0,07 | 0,07 | 0,07 |
| 27 | Siantar Top Tbk | STTP | 6 | 6 | 6 | 6 | 6 | 0,07 | 0,07 | 0,07 | 0,07 | 0,07 |
| 28 | UltraJaya Milk Industry and Trad | ULTJ | 11 | 13 | 13 | 13 | 13 | 0,12 | 0,14 | 0,14 | 0,14 | 0,14 |
| 29 | Gudang Garam Tbk | GGRM | 13 | 13 | 13 | 13 | 13 | 0,14 | 0,14 | 0,14 | 0,14 | 0,14 |
| 30 | Merck Tbk | MERK | 8 | 10 | 10 | 12 | 12 | 0,09 | 0,11 | 0,11 | 0,13 | 0,13 |
| 31 | Pyridam Farma Tbk | PYFA | 5 | 14 | 14 | 14 | 14 | 0,05 | 0,15 | 0,15 | 0,15 | 0,15 |
| 32 | Mandom Indonesia Tbk | TCID | 7 | 14 | 14 | 14 | 14 | 0,08 | 0,15 | 0,15 | 0,15 | 0,15 |
| 33 | Kedaung Indah Can Tbk | KICI | 5 | 8 | 8 | 8 | 8 | 0,05 | 0,09 | 0,09 | 0,09 | 0,09 |
| 34 | Tunas Baru Lampung Tbk | TBLA | 16 | 16 | 19 | 19 | 21 | 0,18 | 0,18 | 0,21 | 0,21 | 0,23 |
| 35 | Kedawang Setia Industrial Tbk | KDSI | 5 | 11 | 11 | 11 | 11 | 0,05 | 0,12 | 0,12 | 0,12 | 0,12 |

Data Nilai Perusahaan (Price Book Value)
Perusahaan Manufaktur 2012-2016

Lampiran 5

| No | Nama Perusahaan | Kode Perusahaan | PBV | | | | |
|----|--------------------------------|--------------------|------|------|------|------|------|
| | | | 2012 | 2013 | 2014 | 2015 | 2016 |
| 1 | Indocement Tunggul Prakasa Tbk | INTP | 4,26 | 3,2 | 3,71 | 3,44 | 2,23 |
| 2 | Holcim Indonesia Tbk | SMCB | 2,64 | 1,99 | 1,87 | 0,9 | 0,84 |
| 3 | Semen Indonesia (Persero) Tbk | SMGR | 5,18 | 3,85 | 4,09 | 2,46 | 1,91 |
| 4 | Asahimas Flat Glass Tbk | AMFG | 1,47 | 1,1 | 1,1 | 0,84 | 0,83 |
| 5 | Surya Toto Indonesia Tbk | TOTO | 3,67 | 3,68 | 3,19 | 4,81 | 3,26 |
| 6 | Betonjaya Manunggal Tbk | BTON | 1,11 | 0,71 | 0,66 | 0,53 | 0,64 |
| 7 | Citra Tubindo Tbk | CTBN | 2,55 | 0,24 | 0,29 | 2,39 | 2,43 |
| 8 | Indal Alumunium Industry Tbk | INAI | 0,55 | 0,75 | 0,76 | 0,53 | 0,82 |
| 9 | Lion Metal Works Tbk | LION | 1,45 | 1,5 | 1,09 | 1,2 | 1,16 |
| 10 | Lionmesh Prima Tbk | LMSH | 1,03 | 0,7 | 0,53 | 0,49 | 0,49 |
| 11 | Pelangi Indah Canindo Tbk | PICO | 0,74 | 0,41 | 0,37 | 0,29 | 0,49 |
| 12 | Budi Acid Jaya Tbk | BUDI | 0,55 | 0,5 | 0,48 | 0,25 | 0,34 |
| 13 | Duta Pertiwi Nusantara Tbk | DPNS | 0,82 | 0,7 | 0,5 | 0,53 | 0,51 |
| 14 | Indo Acidatama Tbk | SRSN | 1,12 | 0,96 | 0,92 | 0,89 | 0,85 |
| 15 | Berlina Tbk | BRNA | 1,6 | 1,03 | 1,33 | 0,58 | 1,31 |
| 16 | Trias Sentosa Tbk | TRST | 0,72 | 0,41 | 0,61 | 0,44 | 0,45 |
| 17 | Alkindo Naratama Tbk | ALDO | 2,4 | 2,6 | 2,54 | 2,37 | 1,67 |
| 18 | Astra Internasional Tbk | ASII | 3,43 | 2,59 | 2,5 | 1,92 | 2,54 |
| 19 | Astra Otoparts Tbk | AUTO | 2,6 | 1,84 | 1,41 | 0,76 | 0,96 |
| 20 | Indo Kordsa Tbk | BRAM | 0,82 | 0,63 | 1,3 | 0,88 | 0,01 |
| 21 | Indospring tbk | INDS | 1,16 | 0,8 | 0,57 | 0,12 | 0,26 |

| | | | | | | | |
|-----------|---|------|------|------|------|------|------|
| 22 | Nipress Tbk | NIPS | 0,41 | 0,99 | 1,23 | 1,1 | 0,78 |
| 23 | Prima Alloy Steel Tbk | PRAS | 0,53 | 0,32 | 0,21 | 0,12 | 0,22 |
| 24 | PT Wilmar Cahaya Indonesia Tbk (Formerly PT Cahaya Kalbar Tbk.) | CEKA | 0,83 | 0,65 | 0,83 | 0,63 | 0,67 |
| 25 | Indofood Sukses Makmur Tbk | INDF | 1,5 | 1,53 | 1,44 | 1,05 | 1,35 |
| 26 | Sekar Laut Tbk | SKLT | 0,96 | 0,89 | 1,35 | 1,68 | 1,69 |
| 27 | Siantar Top Tbk | STTP | 2,37 | 2,93 | 4,61 | 2,06 | 2,54 |
| 28 | UltraJaya Milk Industry and Trading Company Tbk | ULTJ | 2,29 | 6,45 | 4,74 | 4,07 | 4,07 |
| 29 | Gudang Garam Tbk | GGRM | 4,07 | 2,75 | 3,51 | 2,78 | 3,05 |
| 30 | Merck Tbk | MERK | 8,17 | 8,27 | 6,47 | 0,83 | 1,27 |
| 31 | Pyridam Farma Tbk | PYFA | 1,08 | 0,84 | 0,75 | 0,59 | 0,61 |
| 32 | Mandom Indonesia Tbk | TCID | 2,02 | 2,02 | 2,75 | 1,93 | 2,09 |
| 33 | Kedaung Indah Can Tbk | KICI | 0,56 | 0,5 | 0,47 | 0,37 | 0,39 |
| 34 | Tunas Baru Lampung Tbk | TBLA | 1,38 | 1,29 | 1,64 | 0,91 | 0,64 |
| 35 | Kedawung Setia Industrial Tbk | KDSI | 0,63 | 0,4 | 0,37 | 0,2 | 0,3 |

Descriptives

Descriptive Statistics

| | N | Minimum | Maximum | Mean | Std. Deviation |
|---------------------------------|-----|---------|---------|--------|----------------|
| Good Corporate Governance | 175 | 1 | 3 | 2.06 | .756 |
| Modal intelektual | 175 | -145 | 201 | 29.41 | 27.020 |
| Kinerja keuangan | 175 | -4.76 | 64.33 | 8.6662 | 7.94961 |
| Corporate Social Responsibility | 175 | .03 | .71 | .1381 | .06932 |
| Nilai perusahaan | 175 | .01 | 8.27 | 1.5742 | 1.44609 |
| Valid N (listwise) | 175 | | | | |

NPar Tests (Sebelum Transformasi)

One-Sample Kolmogorov-Smirnov Test

| | | Unstandardized Residual |
|----------------------------------|----------------|-------------------------|
| N | | 175 |
| Normal Parameters ^{a,b} | Mean | .0000000 |
| | Std. Deviation | 1.32019248 |
| | | |
| Most Extreme Differences | Absolute | .145 |
| | Positive | .145 |
| | Negative | -.114 |
| Test Statistic | | .145 |
| Asymp. Sig. (2-tailed) | | .000 ^c |

a. Test distribution is Normal.

b. Calculated from data.

c. Lilliefors Significance Correction.

Descriptives

Descriptive Statistics

| | N | Minimum | Maximum | Mean | Std. Deviation |
|---------------------------------|-----|---------|---------|--------|----------------|
| Good Corporate Governance | 165 | 1 | 3 | 2.07 | .750 |
| Modal intelektual | 165 | -145 | 201 | 29.58 | 27.579 |
| Kinerja keuangan | 165 | -4.76 | 32.46 | 7.9653 | 6.55298 |
| Corporate Social Responsibility | 165 | .03 | .71 | .1391 | .07080 |
| Nilai perusahaan | 165 | .01 | 4.26 | 1.3405 | 1.01764 |
| Valid N (listwise) | 165 | | | | |

NPar Tests (Normalitas Setelah Transformasi)

One-Sample Kolmogorov-Smirnov Test

| | | Zscore: Unstandardized Residual |
|----------------------------------|--------------------------|------------------------------------|
| N | | 165 |
| Normal Parameters ^{a,b} | Mean | -.1393177 |
| | Std. Deviation | .84197275 |
| | Most Extreme Differences | |
| | Absolute | .066 |
| | Positive | .063 |
| | Negative | -.066 |
| Test Statistic | | .066 |
| Asymp. Sig. (2-tailed) | | .074 ^c |

a. Test distribution is Normal.

b. Calculated from data.

c. Lilliefors Significance Correction.

Uji Multikolinieritas

Coefficients^a

| Model | Collinearity Statistics | |
|---------------------------------|-------------------------|-------|
| | Tolerance | VIF |
| 1 | | |
| Good Corporate Governance | .876 | 1.141 |
| Modal intelektual | .976 | 1.024 |
| Kinerja keuangan | .954 | 1.048 |
| Corporate Social Responsibility | .932 | 1.073 |

a. Dependent Variable: Nilai perusahaan

Regression (Heteroskedastisitas)

Variables Entered/Removed^a

| Model | Variables Entered | Variables Removed | Method |
|-------|--|-------------------|--------|
| 1 | Corporate Social Responsibility, Kinerja keuangan, Modal intelektual, Good Corporate Governance ^b | | Enter |

a. Dependent Variable: Zscore: Unstandardized Residual

b. All requested variables entered.

Model Summary

| Model | R | R Square | Adjusted R Square | Std. Error of the Estimate |
|-------|-------------------|----------|-------------------|----------------------------|
| 1 | .176 ^a | .031 | .007 | .83919905 |

a. Predictors: (Constant), Corporate Social Responsibility, Kinerja keuangan, Modal intelektual, Good Corporate Governance

ANOVA^a

| Model | | Sum of Squares | df | Mean Square | F | Sig. |
|-------|------------|----------------|-----|-------------|-------|-------------------|
| 1 | Regression | 3.582 | 4 | .895 | 1.271 | .283 ^b |
| | Residual | 112.681 | 160 | .704 | | |
| | Total | 116.263 | 164 | | | |

a. Dependent Variable: Zscore: Unstandardized Residual

b. Predictors: (Constant), Corporate Social Responsibility, Kinerja keuangan, Modal intelektual, Good Corporate Governance

Coefficients^a

| Model | | Unstandardized Coefficients | | Standardized Coefficients | T | Sig. |
|-------|---------------------------------|-----------------------------|------------|---------------------------|--------|------|
| | | B | Std. Error | Beta | | |
| 1 | (Constant) | -.401 | .228 | | -1.759 | .080 |
| | Good Corporate Governance | .093 | .092 | .084 | 1.015 | .311 |
| | Modal intelektual | .001 | .002 | .043 | .546 | .586 |
| | Kinerja keuangan | -.014 | .009 | -.125 | -1.568 | .119 |
| | Corporate Social Responsibility | 1.049 | .959 | .088 | 1.094 | .276 |

Dependent Variable: Zscore: Unstandardized Residual

Regression (Model 1)

Variables Entered/Removed^a

| Model | Variables Entered | Variables Removed | Method |
|-------|--|-------------------|--------|
| 1 | Good Corporate Governance ^b | | Enter |

a. Dependent Variable: Modal intelektual

b. All requested variables entered.

Model Summary

| Model | R | R Square | Adjusted R Square | Std. Error of the Estimate |
|-------|-------------------|----------|-------------------|----------------------------|
| 1 | .134 ^a | .018 | .012 | 27.414 |

a. Predictors: (Constant), Good Corporate Governance

ANOVA^a

| Model | | Sum of Squares | df | Mean Square | F | Sig. |
|-------|------------|----------------|-----|-------------|-------|-------------------|
| 1 | Regression | 2238.725 | 1 | 2238.725 | 2.979 | .086 ^b |
| | Residual | 122497.421 | 163 | 751.518 | | |
| | Total | 124736.145 | 164 | | | |

a. Dependent Variable: Modal intelektual

b. Predictors: (Constant), Good Corporate Governance

Coefficients^a

| Model | | Unstandardized Coefficients | | Standardized Coefficients | T | Sig. |
|-------|---------------------------|-----------------------------|------------|---------------------------|--------|------|
| | | B | Std. Error | Beta | | |
| 1 | (Constant) | 39.494 | 6.127 | | 6.446 | .000 |
| | Good Corporate Governance | -4.839 | 2.804 | -.134 | -1.726 | .086 |

a. Dependent Variable: Modal intelektual

Regression (Model 2)

Variables Entered/Removed^a

| Model | Variables Entered | Variables Removed | Method |
|-------|--|-------------------|--------|
| 1 | Good Corporate Governance ^b | | Enter |

a. Dependent Variable: Kinerja keuangan

b. All requested variables entered.

Model Summary

| Model | R | R Square | Adjusted R Square | Std. Error of the Estimate |
|-------|-------------------|----------|-------------------|----------------------------|
| 1 | .209 ^a | .044 | .038 | 7.46416 |

a. Predictors: (Constant), Good Corporate Governance

ANOVA^a

| Model | | Sum of Squares | df | Mean Square | F | Sig. |
|-------|------------|----------------|-----|-------------|-------|-------------------|
| 1 | Regression | 415.345 | 1 | 415.345 | 7.455 | .007 ^b |
| | Residual | 9081.339 | 163 | 55.714 | | |
| | Total | 9496.684 | 164 | | | |

a. Dependent Variable: Kinerja keuangan

b. Predictors: (Constant), Good Corporate Governance

Coefficients^a

| Model | | Unstandardized Coefficients | | Standardized Coefficients | t | Sig. |
|-------|---------------------------|-----------------------------|------------|---------------------------|-------|------|
| | | B | Std. Error | Beta | | |
| 1 | (Constant) | 3.929 | 1.668 | | 2.355 | .020 |
| | Good Corporate Governance | .171 | .063 | .209 | 2.730 | .007 |

a. Dependent Variable: Kinerja keuangan

Regression (Model 3)

Variables Entered/Removed^a

| Model | Variables Entered | Variables Removed | Method |
|-------|--|-------------------|--------|
| 1 | Good Corporate Governance ^b | | Enter |

a. Dependent Variable: Corporate Social Responsibility

b. All requested variables entered.

Model Summary

| Model | R | R Square | Adjusted R Square | Std. Error of the Estimate |
|-------|-------------------|----------|-------------------|----------------------------|
| 1 | .248 ^a | .061 | .056 | .06881 |

a. Predictors: (Constant), Good Corporate Governance

ANOVA^a

| Model | | Sum of Squares | df | Mean Square | F | Sig. |
|-------|------------|----------------|-----|-------------|--------|-------------------|
| 1 | Regression | .050 | 1 | .050 | 10.666 | .001 ^b |
| | Residual | .772 | 163 | .005 | | |
| | Total | .822 | 164 | | | |

a. Dependent Variable: Corporate Social Responsibility

b. Predictors: (Constant), Good Corporate Governance

Coefficients^a

| Model | | Unstandardized Coefficients | | Standardized Coefficients | t | Sig. |
|-------|---------------------------|-----------------------------|------------|---------------------------|-------|------|
| | | B | Std. Error | Beta | | |
| 1 | (Constant) | .092 | .015 | | 5.984 | .000 |
| | Good Corporate Governance | .023 | .007 | .248 | 3.266 | .001 |

a. Dependent Variable: Corporate Social Responsibility

Regression (Model 4)

Variables Entered/Removed^a

| Model | Variables Entered | Variables Removed | Method |
|-------|--|-------------------|--------|
| 1 | Corporate Social Responsibility, Kinerja keuangan, Modal intelektual, Good Corporate Governance ^b | | Enter |

a. Dependent Variable: Nilai perusahaan

b. All requested variables entered.

Model Summary^b

| Model | R | R Square | Adjusted R Square | Std. Error of the Estimate | Durbin-Watson |
|-------|-------------------|----------|-------------------|----------------------------|---------------|
| 1 | .532 ^a | .283 | .265 | .87256 | 1.780 |

a. Predictors: (Constant), Corporate Social Responsibility, Kinerja keuangan, Modal intelektual, Good Corporate Governance

b. Dependent Variable: Nilai perusahaan

ANOVA^a

| Model | | Sum of Squares | df | Mean Square | F | Sig. |
|-------|------------|----------------|-----|-------------|--------|-------------------|
| 1 | Regression | 48.018 | 4 | 12.004 | 15.767 | .000 ^b |
| | Residual | 121.818 | 160 | .761 | | |
| | Total | 169.836 | 164 | | | |

a. Dependent Variable: Nilai perusahaan

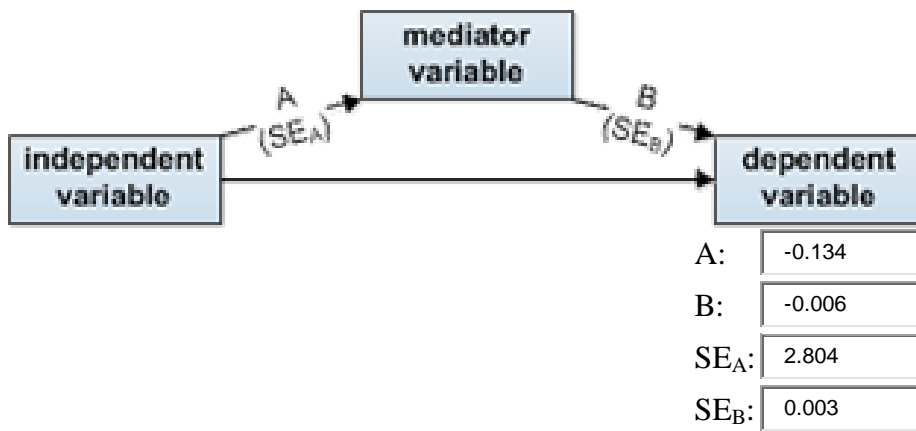
b. Predictors: (Constant), Corporate Social Responsibility, Kinerja keuangan, Modal intelektual, Good Corporate Governance

Coefficients^a

| Model | | Unstandardized Coefficients | | Standardized Coefficients | t | Sig. |
|-------|---------------------------------|-----------------------------|------------|---------------------------|-------|------|
| | | B | Std. Error | Beta | | |
| 1 | (Constant) | .083 | .237 | | .352 | .725 |
| | Good Corporate Governance | .191 | .095 | .143 | 2.001 | .047 |
| | Modal intelektual | .000 | .003 | -.006 | -.090 | .928 |
| | Kinerja keuangan | .056 | .009 | .422 | 6.151 | .000 |
| | Corporate Social Responsibility | 2.954 | .997 | .206 | 2.963 | .004 |

a. Dependent Variable: Nilai perusahaan

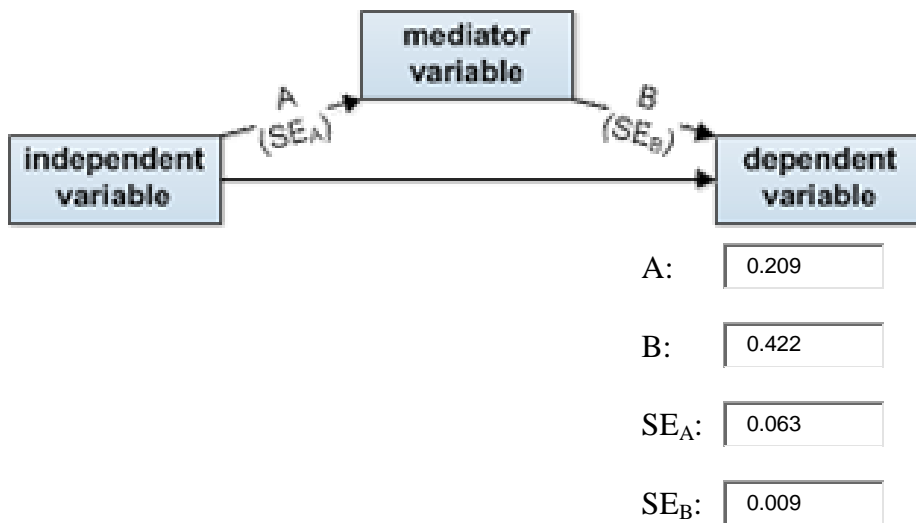
HASIL SOBEL TEST



Sobel test statistic: 0.04777524

One-tailed probability: 0.48094769

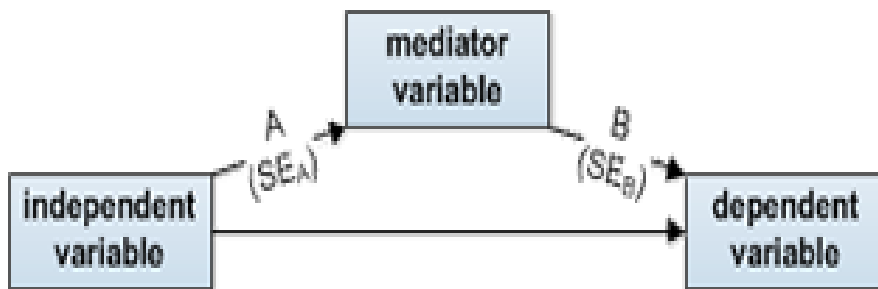
Two-tailed probability: 0.96189537



Sobel test statistic: 3.30918813

One-tailed probability: 0.00046783

Two-tailed probability: 0.00093567



A:

B:

SE_A:

SE_B:

Sobel test statistic: 2.11990611

One-tailed probability: 0.01700698

Two-tailed probability: 0.03401396