

BAB V

KESIMPULAN DAN SARAN

5.1. Kesimpulan

Berdasarkan hasil analisis data dan pembahasan identifikasi penyebab serta upaya pencegahan terjadinya kecelakaan kerja pada proyek konstruksi didapat kesimpulan sebagai berikut:

1. Sesuai dengan hasil analisis data dapat dilihat pada tabel 4.6, diketahui bahwa identifikasi kecelakaan kerja pada proyek konstruksi yang tertinggi yakni Pekerja tertimpa runtuh tanah dalam penggalian, Jatuh/terpeleset karena lantai licin/kurang ratanya konstruksi lantai dan Pekerja tertimpa benda yang jatuh.
2. Berdasarkan nilai rata-rata yang tertinggi dapat dilihat pada tabel 4.10, faktor-faktor penyebab kecelakaan kerja pada proyek konstruksi yang frekuensi terjadinya kecelakaan kerja lebih banyak yaitu faktor manusia dikarenakan manusia yang paling dominan berperan dalam menggunakan peralatan di proyek.
3. Upaya yang dilakukan untuk mencegah terjadinya kecelakaan:
 - a. Pekerja
 - Pekerja harus dapat menjaga keselamatan diri sendiri.
 - Menggunakan alat pelindung diri.
 - Selalu waspada.

- Bekerja dengan cara yang aman dan selamat dengan mengikuti prosedur dan peraturan.
- b. Proyek konstruksi
- Memberikan pemahaman tentang pentingnya keselamatan kerja.
 - Inspeksi dan melakukan pengawasan secara rutin .
 - Menyediakan alat-alat pelindung diri untuk pekerja.

5.2.Saran

Masalah kecelakaan kerja merupakan salah satu persoalan mendasar pada proyek konstruksi yang sangat mempengaruhi kelangsungan proses kegiatan pembangunan proyek konstruksi yang bersifat tidak menguntungkan, tidak diinginkan dan tidak dapat direncanakan. sehingga usaha pencegahan di harapkan menjadi prioritas yang utama dalam permasalahan untuk meminimalkan kecelakaan kerja pada proyek pembangunan. Dari hasil penelitian identifikasi penyebab serta upaya pencegahan terjadinya kecelakaan kerja pada proyek konstruksi dapat diberikan saran sebagai berikut:

1. Bagi proyek konstruksi, berdasarkan data di lapangan menunjukkan bahwa faktor yang menjadi penyebab kecelakaan tertinggi adalah faktor manusia, dengan demikian maka diharapkan bagi proyek untuk lebih memperhatikan pelaksanaan manajemen K3 sesuai dengan prosedur dan peraturan yang telah di tetapkan sehingga meminimalkan jumlah kecelakaan kerja pada pembangunan proyek konstruksi.

2. Bagi pihak manajemen K3 diharapkan untuk meningkatkan wawasan tentang arti penting pelaksanaan K3 sehingga dapat meminimalkan kerugian dan materi yang di akibatkan oleh terjadinya kecelakaan kerja pada pembangunan konstruksi.
3. Proyek konstruksi wajib memasang rambu-rambu (peringatan, petunjuk, perintah, larangan) di lingkungan proyek melihat kondisi masih sangat minimnya pemasangan rambu-rambu.



DAFTAR PUSTAKA

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LAMPIRAN A

1. DATA UMUM RESPONDEN

PETUNJUK PENGISIAN :

- a. Berilah tanda (x) pada salah satu jawaban yang tersedia yang menurut anda paling tepat
-

1. Berapa usia anda ?
 - a. ≤ 25 tahun
 - b. 26 - 30 tahun
 - c. 31 - 35 tahun
 - d. ≥ 36 tahun
2. Anda berkerja diproyek ini sebagai apa?
 - a. Tukang kayu
 - b. Tukang batu
 - c. Tukang besi
 - d. Lainnya.....(sebutkan)
3. Berapa tahun pengalaman kerja anda dalam proyek konstruksi?
 - a. ≤ 3 tahun
 - b. Lebih dari 3 sampai dengan 6 tahun
 - c. Lebih dari 6 sampai dengan 9 tahun
 - d. ≥ 9 tahun
4. Berapa tahun anda sudah bekerja bersama mandor yang sekarang?
 - a. ≤ 3 tahun
 - b. Lebih dari 3 sampai dengan 6 tahun
 - c. Lebih dari 6 sampai dengan 9 tahun
 - d. ≥ 9 tahun
5. Pendidikan tertinggi anda?
 - a. Pernah bersekolah dasar (SD)
 - b. Lulus sekolah dasar (SD)
 - c. Pernah bersekolah di menengah pertama (SMP)
 - d. Lulus sekolah menengah pertama (SMP)
 - e. Pernah bersekolah menengah atas (SMA)
 - f. Lulus sekolah menengah atas (SMA)

6. Pernahkah anda mendapatkan pelatihan tentang sistem dan prosedur keselamatan kerja?
 - a. Tidak pernah
 - b. Iya

7. Berapa kali anda mendapatkan pelatihan tentang sistem dan prosedur keselamatan kerja ?
 - a. Tidak pernah (untuk yang menjawab Tidak Pernah pada pertanyaan nomor 6)
 - b. Sekali
 - c. Dua kali
 - d. Tiga kali
 - e. \geq tiga kali



2. MENGIDENTIFIKASI KECELAKAAN KERJA PADA PROYEK KONSTRUKSI

PETUNJUK PENGISIAN :

1. Bacalah pertanyaan dengan teliti, sebelum Anda memberikan jawaban.
2. Beri tanda check (√) pada kolom pilihan jawaban yang sesuai dengan keadaan diri Anda.
3. Tidak ada jawaban benar atau salah. Jawaban adalah sesuai dengan keadaan diri Anda, oleh karenanya jawablah semua pernyataan tanpa ada yang terlewat.

KETERANGAN :

- Sll : Selalu
 Srg : Sering
 Kdg : Kadang-kadang
 Jrg : Jarang
 TP : Tidak Pernah

| No. | Kriteria utama kecelakaan kerja | Pilihan Jawaban | | | | |
|-----|--|-----------------|-----|-----|-----|----|
| | | Sll | Srg | Kdg | Jrg | TP |
| 1 | Jatuh dari atap/lantai atas | | | | | |
| 2 | Jatuh karena scaffolding runtuh | | | | | |
| 3 | Jatuh dari scaffolding | | | | | |
| 4 | Tertimbun/tertimpa tanah pada saat longsor pada pekerjaan pondasi/penggalian | | | | | |
| 5 | Jatuh dari tangga | | | | | |
| 6 | Jatuh dari balok penyangga | | | | | |
| 7 | Jatuh/terpeleset karena lantai licin/kurang rataanya konstruksi lantai | | | | | |
| 8 | Jatuh karena keruntuhan struktur | | | | | |
| 9 | Kontak langsung dengan kabel listrik | | | | | |
| 10 | Kontak dengan peralatan yang dialiri listrik | | | | | |
| 11 | Kontak dengan material yang dialiri listrik | | | | | |

| No. | Kriteria utama kecelakaan kerja | Pilihan Jawaban | | | | |
|-----|--|-----------------|-----|-----|-----|----|
| | | SII | Srg | Kdg | Jrg | TP |
| 12 | Kontak dengan tangga yang dialiri listrik | | | | | |
| 13 | Terperangkap dalam galian yang runtuh | | | | | |
| 14 | Terperangkap diantara komponen alat berat | | | | | |
| 15 | Terbawa dalam alat berat yang sedang berjalan | | | | | |
| 16 | Pekerja tertabrak/terlindas alat berat | | | | | |
| 17 | Pekerja tertabrak crane | | | | | |
| 18 | pe pekerja tertabrak truck proyek | | | | | |
| 19 | Pekerja tertimpa benda yang jatuh | | | | | |
| 20 | Pekerja tertimpa runtuh tanah dalam penggalian | | | | | |

3. FAKTOR-FAKTOR PENYEBAB KECELAKAAN KERJA PADA PROYEK KONSTRUKSI

PETUNJUK PENGISIAN :

1. Bacalah pertanyaan dengan teliti, sebelum Anda memberikan jawaban.
2. Beri tanda check (\checkmark) pada kolom pilihan jawaban yang sesuai dengan keadaan diri Anda.
3. Tidak ada jawaban benar atau salah. Jawaban adalah sesuai dengan keadaan diri Anda, oleh karenanya jawablah semua pernyataan tanpa ada yang terlewat.

KETERANGAN :

- Sll : Selalu
 Srg : Sering
 Kdg : Kadang-kadang
 Jrg : Jarang
 Tp : Tidak Pernah

| No | Kriteria Utama Kecelakaan Kerja | Pilihan Jawaban | | | | |
|----|--|-----------------|-----|-----|-----|----|
| | | Sll | Srg | Krg | Jrg | Tp |
| A | Faktor Material Dan Peralatan | | | | | |
| 1 | Terdapat Peralatan yang rusak | | | | | |
| 2 | Rambu-rambu tidal lengkap/kurang fasilitas keselamatan | | | | | |
| 3 | Kurang memadai baik dalam kualitas dan kuantitas ketersediaan peralatan pelindung diri | | | | | |
| 4 | Mesin sudah tua | | | | | |
| 5 | Mesin tak ada pelindung | | | | | |
| 6 | Penempatan peralatan dan material yang tidak sesuai | | | | | |
| 7 | Kendaraan dan peralatan bergerak yang berada terlalu dekat dengan tempat kerja | | | | | |
| 8 | Material yang cacat | | | | | |
| 9 | Pemeliharaan, serta inpeksi terhadap peralatan yang buruk | | | | | |

| No | Kriteria Utama Kecelakaan Kerja | | | | | |
|--|--|-----------------|-----|-----|-----|----|
| B | Faktor Lingkungan | Pilihan Jawaban | | | | |
| | | Sll | Srg | Krg | Jrg | Tp |
| 1 | Kurangnya lampu penerangan | | | | | |
| 2 | Temperatur yang terlalu rendah atau terlalu tinggi | | | | | |
| 3 | Gangguan berupa gas, uap, debu, kabut | | | | | |
| 4 | Kebisingan, getaran akibat mesin dapat menyebabkan stress dan ketulian | | | | | |
| 5 | Faktor alam, angin, banjir, petir | | | | | |
| 6 | Terjadinya kepadatan pekerja | | | | | |
| 7 | Area yang terlalu padat atau sempit | | | | | |
| Kriteria Utama Kecelakaan Kerja | | | | | | |
| No | Kriteria Utama Kecelakaan Kerja | | | | | |
| C | Faktor Manusia | Pilihan Jawaban | | | | |
| | | Sll | Srg | Krg | Jrg | Tp |
| 1 | Kurangnya pengetahuan tenaga kerja terhadap pekerjaan yang akan dilakukan | | | | | |
| 2 | Kurangnya kemampuan tenaga kerja (baik secara fisik maupun kejiwaan) | | | | | |
| 3 | Kurangnya keahlian | | | | | |
| 4 | Pekerja yang mengalami lupa sama sekali, melamun | | | | | |
| 5 | Pekerja yang salah tangkap, salah sangka, salah pikir terhadap suatu hal/pekerjaan | | | | | |
| 6 | Tenaga kerja kurang pengalaman | | | | | |
| 7 | Tenaga kerja kurang sehat jasmani dan mental | | | | | |
| 8 | Pekerja melakukan pekerjaan tanpa ijin | | | | | |
| 9 | Pekerja dalam keadaan emosi yang terganggu, bertindak kasar | | | | | |

| No | Kriteria Utama Kecelakaan Kerja | Pilihan Jawaban | | | | |
|----|---|-----------------|-----|-----|-----|----|
| | | SII | Srg | Krg | Jrg | Tp |
| C | Faktor Manusia | | | | | |
| 10 | Kurang disiplinnya para tenaga kerja dalam mematuhi ketentuan mengenai K3 yang antara lain dalam pemakaian alat pelindung diri kecelakaan kerja | | | | | |
| 11 | Kurangnya koordinasi /komunikasi diantara para pekerja maupun juga pekerja dengan atasan diatasnya | | | | | |
| 12 | Kurangnya pengarahan dari pihak manajemen kepada pekerjanya tentang keamanan kerja | | | | | |
| 13 | Pekerja mengalami keletihan dan kelemahan daya tahan tubuh | | | | | |
| 14 | Pekerja memiliki sikap dan perilaku kerja yang tidak baik | | | | | |
| 15 | Posisi kerja yang salah dan dipaksakan | | | | | |
| 16 | Pekerja mangalami kejenuhan, monoton, beban kerja yang sama | | | | | |
| 17 | Kesalahan operator dalam mengoperasikan mesin/peralatan kerja | | | | | |
| 18 | Merupakan watak bawaan personal, antara lain keras kepala dan pengetahuan lingkungan yang kurang baik | | | | | |
| 19 | Secara fisik mekanik meninggalkan alat pengaman | | | | | |
| 20 | Kurang orientasi dan motivasi tenaga kerja | | | | | |
| 21 | Kurang latihan memahami tombol-tombol/ petunjuk lain | | | | | |
| 22 | Salah pengertian terhadap suatu perintah | | | | | |
| 23 | Tenaga kerja kurang trampil dalam bekerja | | | | | |
| 24 | Tenaga kerja pendiam dan tertutup | | | | | |
| 25 | Tenaga kerja mengalami frustasi dan stress | | | | | |
| 26 | Kurangnya istirahat | | | | | |
| 27 | Penggunaan/pengoperasian alat yang tidak benar atau tidak sesuai | | | | | |

4. PROSEDUR KESELAMATAN KERJA

PETUNJUK PENGISIAN :

1. Bacalah pertanyaan dengan teliti, sebelum Anda memberikan jawaban.
2. Beri tanda check (\checkmark) pada kolom pilihan jawaban yang sesuai dengan keadaan diri Anda.
3. Tidak ada jawaban benar atau salah. Jawaban adalah sesuai dengan keadaan diri Anda, oleh karenanya jawablah semua pertanyaan tanpa ada yang terlewati.

KETERANGAN :

STS : Sangat tidak setuju

TS : Tidak setuju

S : Setuju

SS : sangat setuju

| No | PERTANYAAN | Pilihan Jawaban | | | |
|----|---|-----------------|----|---|----|
| | | STS | TS | S | SS |
| 1 | Anda menggunakan helm saat berkerja | | | | |
| 2 | Anda menggunakan sabuk pengaman saat berkerja | | | | |
| 3 | Anda menggunakan sepatu saat berkerja | | | | |
| 4 | Anda menggunakan sarung tangan saat berkerja | | | | |
| 5 | Anda sering merasa terburu-buru dalam menyelesaikan pekerjaan | | | | |
| 6 | Anda sering bergurau/bercanda dengan pekerja lain saat berkerja | | | | |
| 7 | Anda meletakkan alat kerja dan peralatan pada tempatnya | | | | |
| 8 | Anda tidak serius pada saat berkerja | | | | |
| 9 | Anda mengalami kelelahan pada saat kerja | | | | |
| 10 | Anda melanggar rambu/peraturan | | | | |

Descriptives

Descriptive Statistics

| | N | Minimum | Maximum | Mean | Std. Deviation |
|---|----|---------|---------|------|----------------|
| Jatuh dari atap/lantai atas | 89 | 1 | 1 | 1.00 | .000 |
| Jatuh karena scaffolding runtuh | 89 | 1 | 1 | 1.00 | .000 |
| Jatuh dari scaffolding | 89 | 1 | 2 | 1.07 | .252 |
| Tertimbun/tertimpa tanah pada saat longsong pada pekerjaan pondasi/penggalian | 89 | 1 | 1 | 1.00 | .000 |
| Jatuh dari tangga | 89 | 1 | 2 | 1.36 | .483 |
| Jatuh dari balok penyangga | 89 | 1 | 2 | 1.09 | .288 |
| Jatuh/terpeleset karena lantai licin/kurang ratanya konstruksi lantai | 89 | 1 | 4 | 2.28 | .812 |
| Jatuh karena keruntuhan struktur | 89 | 1 | 1 | 1.00 | .000 |
| kontak langsung dengan kabel listrik | 89 | 1 | 3 | 1.27 | .635 |
| Kontak dengan peralatan yang dialiri listrik | 89 | 1 | 3 | 1.40 | .598 |
| Kontak dengan material yang dialiri listrik | 89 | 1 | 1 | 1.00 | .000 |
| Kontak dengan tangga yang dialiri listrik | 89 | 1 | 1 | 1.00 | .000 |
| Terperangkap dalam galian yang runtuh | 89 | 1 | 1 | 1.00 | .000 |
| Terperangkap diantara komponen alat berat | 89 | 1 | 1 | 1.00 | .000 |
| terbawa dalam alat berat yang sedang berjalan | 89 | 1 | 1 | 1.00 | .000 |
| Pekerja tertabrak/terlindas alat berat | 89 | 1 | 1 | 1.00 | .000 |
| Pekerja tertabrak crane | 89 | 1 | 1 | 1.00 | .000 |
| Pekerja tertabrak truk proyek | 89 | 1 | 1 | 1.00 | .000 |
| Pekerja tertimpa benda yang jatuh | 89 | 1 | 3 | 1.60 | .652 |
| Pekerja tertimpa runtuh tanah dalam penggalian | 89 | 1 | 4 | 2.33 | .719 |
| Valid N (listwise) | 89 | | | | |

Descriptives

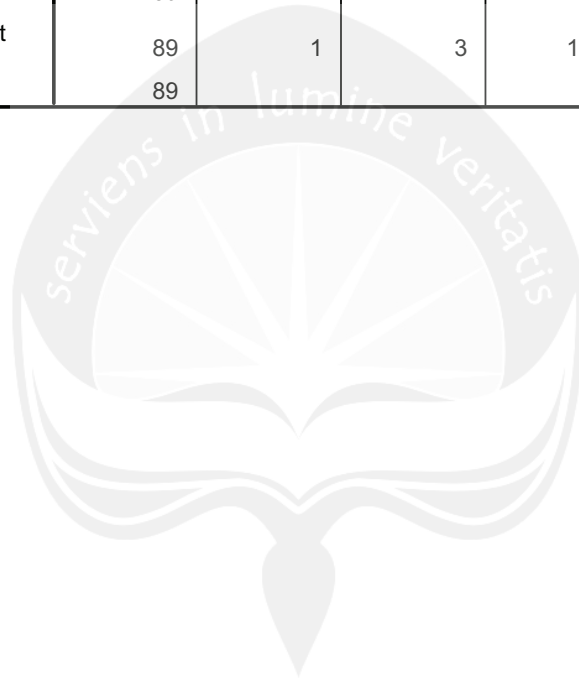
Descriptive Statistics

| | N | Minimum | Maximum | Mean | Std. Deviation |
|---|----|---------|---------|------|----------------|
| Terhadap peralatan yang rusak | 89 | 1 | 3 | 1.91 | .701 |
| Rambu-rambu tidak lengkap/kurang fasilitas keselamatan | 89 | 1 | 3 | 1.96 | .689 |
| Kurang memadai baik dalam kualitas dan kuantitas ketersediaan peralatan perlindungan diri | 89 | 1 | 4 | 3.04 | .752 |
| Mesin sudah tua | 89 | 1 | 3 | 1.29 | .482 |
| Mesin tak ada pelindung | 89 | 1 | 3 | 1.87 | .660 |
| Penempatan peralatan dan material yang tidak sesuai | 89 | 1 | 3 | 1.38 | .554 |
| Kendaraan dan peralatan bergerak yang berada terlalu dekat dengan tempat kerja | 89 | 1 | 2 | 1.11 | .318 |
| Material yang cacat | 89 | 1 | 2 | 1.04 | .208 |
| Pemeliharaan, serta inpeksi terhadap peralatan yang buruk | 89 | 1 | 2 | 1.03 | .181 |
| Valid N (listwise) | 89 | | | | |

Descriptives

Descriptive Statistics

| | N | Minimum | Maximum | Mean | Std. Deviation |
|--|----|---------|---------|------|----------------|
| Kurangnya lampu penerangan | 89 | 1 | 3 | 1.88 | .540 |
| Temperatur yang terlalu rendah atau terlalu tinggi | 89 | 1 | 2 | 1.09 | .288 |
| Gangguan berupa gas, uap, debu, kabut | 89 | 1 | 3 | 1.93 | .495 |
| Kebisingan, getaran akibat mesin dapat menyebabkan stress dan ketulian | 89 | 1 | 2 | 1.06 | .232 |
| Faktor alam, angin, banjir, petir | 89 | 1 | 1 | 1.00 | .000 |
| Terjadinya kepadatan pekerja | 89 | 1 | 2 | 1.04 | .208 |
| Area yang terlalu padat atau sempit | 89 | 1 | 3 | 1.33 | .560 |
| Valid N (listwise) | 89 | | | | |



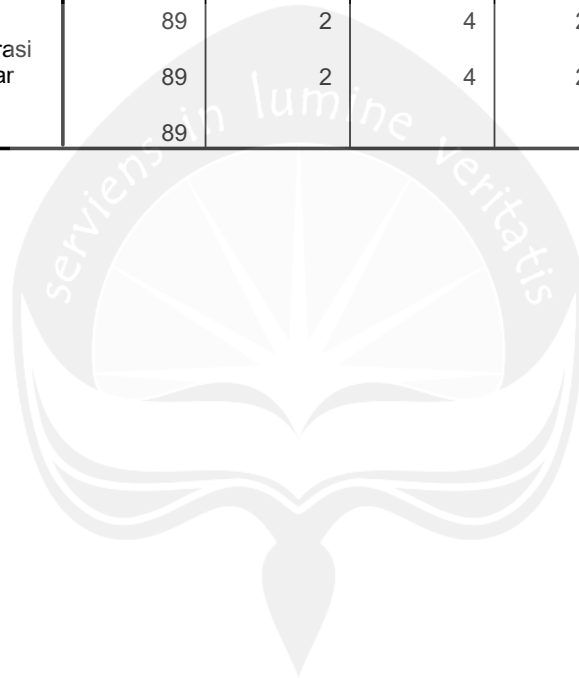
Descriptives

Descriptive Statistics

| | N | Minimum | Maximum | Mean | Std. Deviation |
|---|----|---------|---------|------|----------------|
| Kurangnya pengetahuan tenaga kerja terhadap pekerjaan yang akan dilakukan | 89 | 1 | 2 | 1.08 | .271 |
| Kurangnya kemampuan tenaga kerja (baik secara fisik maupun kejiwaan) | 89 | 1 | 4 | 2.09 | .807 |
| Kurangnya keahlian | 89 | 1 | 4 | 2.00 | .783 |
| Pekerja yang mengalami lupa sama sekali, melamun | 89 | 1 | 4 | 2.24 | .892 |
| Pekerja yang salah tangkap, salah sangka, salah pikir terhadap suatu hal/pekerjaan | 89 | 1 | 3 | 1.85 | .613 |
| Tenaga kerja kurang pengalaman | 89 | 2 | 4 | 2.48 | .624 |
| Tenaga kerja kurang sehat jasmani dan mental | 89 | 1 | 2 | 1.03 | .181 |
| Pekerja melakukan pekerjaan tanpa ijin | 89 | 1 | 1 | 1.00 | .000 |
| Pekerja dalam keadaan emosi yang terganggu, bertindak kasar | 89 | 1 | 2 | 1.06 | .232 |
| Kurang disiplinnya para tenaga kerja dalam mematuhi ketentuan mengenai K3 yang antara lain dalam pemakaian alat pelindung diri kecelakaan kerja | 89 | 4 | 5 | 4.09 | .288 |
| Kurangnya koordinasi /komunikasi diantara para pekerja maupun juga pekerja dengan atasan di atasnya | 89 | 1 | 3 | 1.37 | .530 |
| Kurangnya pengarahan dari pihak manajemen kepada pekerjanya tentang keamanan kerja | 89 | 2 | 3 | 2.64 | .483 |
| Pekerja mengalami kelelahan dan kelemahan daya tahan tubuh | 89 | 2 | 4 | 2.73 | .617 |
| Pekerja memiliki sikap dan perilaku kerja yang tidak baik | 89 | 1 | 3 | 1.30 | .486 |
| Posisi kerja yang salah dan dipaksakan | 89 | 2 | 4 | 2.81 | .581 |
| Pekerja mengalami kejenuhan, monoton, beban kerja yang sama | 89 | 1 | 2 | 1.16 | .366 |
| Kesalahan operator dalam mengoperasikan mesin/peralatan kerja | 89 | 1 | 2 | 1.04 | .208 |
| Merupakan watak bawaan personal, antara lain keras kepala dan pengetahuan lingkungan yang kurang baik | 89 | 2 | 4 | 2.69 | .632 |

Descriptive Statistics

| | N | Minimum | Maximum | Mean | Std. Deviation |
|--|----|---------|---------|------|----------------|
| Secara fisik mekanik meninggalkan alat pengaman | 89 | 2 | 4 | 2.69 | .576 |
| Kurang orientasi dan motivasi tenaga kerja | 89 | 1 | 3 | 1.36 | .506 |
| Kurang latihan memahami tombol-tombol/ petunjuk lain | 89 | 2 | 3 | 2.61 | .491 |
| Salah pengertian terhadap suatu perintah | 89 | 1 | 3 | 1.37 | .509 |
| Tenaga kerja kurang trampil dalam bekerja | 89 | 2 | 4 | 2.73 | .579 |
| Tenaga kerja pendiam dan tertutup | 89 | 1 | 2 | 1.19 | .395 |
| Tenaga kerja mengalami frustrasi dan stress | 89 | 1 | 2 | 1.10 | .303 |
| Kurangnya istirahat | 89 | 2 | 4 | 2.90 | .739 |
| Penggunaan/pengoperasian alat yang tidak benar atau tidak sesuai | 89 | 2 | 4 | 2.46 | .523 |
| Valid N (listwise) | 89 | | | | |



Descriptives

Descriptive Statistics

| | N | Minimum | Maximum | Mean | Std. Deviation |
|---|----|---------|---------|------|----------------|
| Anda menggunakan helm saat berkerja | 89 | 2 | 4 | 2.88 | .394 |
| Anda menggunakan sabuk pengaman saat berkerja | 89 | 2 | 4 | 3.21 | .464 |
| Anda menggunakan sepatu saat berkerja | 89 | 2 | 4 | 3.36 | .608 |
| Anda menggunakan sarung tangan saat berkerja | 89 | 2 | 3 | 2.31 | .467 |
| Anda sering merasa terburu-buru dalam menyelesaikan pekerjaan | 89 | 2 | 4 | 3.08 | .569 |
| Anda sering bergurau/bercanda dengan pekerja lain saat berkerja | 89 | 2 | 4 | 2.97 | .318 |
| Anda meletakkan alat kerja dan peralatan pada tempatnya | 89 | 1 | 2 | 1.87 | .343 |
| Anda tidak serius pada saat berkerja | 89 | 3 | 4 | 3.28 | .452 |
| Anda mengalami kelelahan pada saat kerja | 89 | 1 | 2 | 1.80 | .404 |
| Anda melanggar rambu/peraturan | 89 | 3 | 4 | 3.37 | .486 |
| Valid N (listwise) | 89 | | | | |

Frequencies

Usia

| | Frequency | Percent | Valid Percent | Cumulative Percent |
|-------------------|-----------|---------|---------------|--------------------|
| Valid <= 25 tahun | 10 | 11.2 | 11.2 | 11.2 |
| 26 - 30 tahun | 20 | 22.5 | 22.5 | 33.7 |
| 31 - 35 tahun | 45 | 50.6 | 50.6 | 84.3 |
| >= 36 tahun | 14 | 15.7 | 15.7 | 100.0 |
| Total | 89 | 100.0 | 100.0 | |

Profesi di proyek

| | Frequency | Percent | Valid Percent | Cumulative Percent |
|-------------------|-----------|---------|---------------|--------------------|
| Valid Tukang kayu | 20 | 22.5 | 22.5 | 22.5 |
| Tukang batu | 26 | 29.2 | 29.2 | 51.7 |
| Tukang besi | 13 | 14.6 | 14.6 | 66.3 |
| Lainnya, sebutkan | 30 | 33.7 | 33.7 | 100.0 |
| Total | 89 | 100.0 | 100.0 | |

profesi lainnya

| | Frequency | Percent | Valid Percent | Cumulative Percent |
|----------------------------|-----------|---------|---------------|--------------------|
| Valid Pembantu tukang batu | 21 | 23.6 | 70.0 | 70.0 |
| Tukang listrik | 9 | 10.1 | 30.0 | 100.0 |
| Total | 30 | 33.7 | 100.0 | |
| Missing System | 59 | 66.3 | | |
| Total | 89 | 100.0 | | |

Pengalaman kerja dalam proyek konstruksi

| | Frequency | Percent | Valid Percent | Cumulative Percent |
|------------------------------------|-----------|---------|---------------|--------------------|
| Valid <= 3 tahun | 17 | 19.1 | 19.1 | 19.1 |
| lebih dari 3 sampai dengan 6 tahun | 25 | 28.1 | 28.1 | 47.2 |
| lebih dari 6 sampai dengan 9 tahun | 23 | 25.8 | 25.8 | 73.0 |
| >= 9 tahun | 24 | 27.0 | 27.0 | 100.0 |
| Total | 89 | 100.0 | 100.0 | |

Bekerja bersama mandor yang sekarang

| | Frequency | Percent | Valid Percent | Cumulative Percent |
|------------------------------------|-----------|---------|---------------|--------------------|
| Valid <= 3 tahun | 58 | 65.2 | 65.2 | 65.2 |
| lebih dari 3 sampai dengan 6 tahun | 18 | 20.2 | 20.2 | 85.4 |
| lebih dari 6 sampai dengan 9 tahun | 10 | 11.2 | 11.2 | 96.6 |
| >= 9 tahun | 3 | 3.4 | 3.4 | 100.0 |
| Total | 89 | 100.0 | 100.0 | |

Pendidikan tertinggi

| | Frequency | Percent | Valid Percent | Cumulative Percent |
|---|-----------|---------|---------------|--------------------|
| Valid Lulus sekolah dasar (SD) | 13 | 14.6 | 14.6 | 14.6 |
| Pernah bersekolah di sekolah menengah pertama (SMP) | 6 | 6.7 | 6.7 | 21.3 |
| Lulus sekolah menengah pertama (SMP) | 40 | 44.9 | 44.9 | 66.3 |
| Pernah bersekolah di sekolah menengah atas (SMA) | 2 | 2.2 | 2.2 | 68.5 |
| Lulus sekolah menengah atas (SMA) | 28 | 31.5 | 31.5 | 100.0 |
| Total | 89 | 100.0 | 100.0 | |

Pernah mendapatkan pelatihan tentang sistem dan prosedur keselamatan kerja

| | Frequency | Percent | Valid Percent | Cumulative Percent |
|--------------------|-----------|---------|---------------|--------------------|
| Valid Tidak pernah | 89 | 100.0 | 100.0 | 100.0 |

Berapa kali mendapat pelatihan tentang sistem dan prosedur keselamatan kerja

| | Frequency | Percent | Valid Percent | Cumulative Percent |
|--------------------|-----------|---------|---------------|--------------------|
| Valid Tidak pernah | 89 | 100.0 | 100.0 | 100.0 |

Frequencies

Jatuh dari atap/lantai atas

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|-------|--------------|-----------|---------|---------------|--------------------|
| Valid | Tidak pernah | 89 | 100.0 | 100.0 | 100.0 |

Jatuh karena scaffolding runtuh

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|-------|--------------|-----------|---------|---------------|--------------------|
| Valid | Tidak pernah | 89 | 100.0 | 100.0 | 100.0 |

Jatuh dari scaffolding

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|-------|--------------|-----------|---------|---------------|--------------------|
| Valid | Tidak pernah | 83 | 93.3 | 93.3 | 93.3 |
| | Jarang | 6 | 6.7 | 6.7 | 100.0 |
| | Total | 89 | 100.0 | 100.0 | |

Tertimbun/tertima tanah pada saat langsung pada pekerjaan pondasi/penggalian

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|-------|--------------|-----------|---------|---------------|--------------------|
| Valid | Tidak pernah | 89 | 100.0 | 100.0 | 100.0 |

Jatuh dari tangga

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|-------|--------------|-----------|---------|---------------|--------------------|
| Valid | Tidak pernah | 57 | 64.0 | 64.0 | 64.0 |
| | Jarang | 32 | 36.0 | 36.0 | 100.0 |
| | Total | 89 | 100.0 | 100.0 | |

Jatuh dari balok penyangga

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|-------|--------------|-----------|---------|---------------|--------------------|
| Valid | Tidak pernah | 81 | 91.0 | 91.0 | 91.0 |
| | Jarang | 8 | 9.0 | 9.0 | 100.0 |
| | Total | 89 | 100.0 | 100.0 | |

Jatuh/terpeleset karena lantai licin/kurang ratanya konstruksi lantai

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|-------|---------------|-----------|---------|---------------|--------------------|
| Valid | Tidak pernah | 14 | 15.7 | 15.7 | 15.7 |
| | Jarang | 42 | 47.2 | 47.2 | 62.9 |
| | Kadang-kadang | 27 | 30.3 | 30.3 | 93.3 |
| | Sering | 6 | 6.7 | 6.7 | 100.0 |
| | Total | 89 | 100.0 | 100.0 | |

Jatuh karena keruntuhan struktur

| | Frequency | Percent | Valid Percent | Cumulative Percent |
|--------------------|-----------|---------|---------------|--------------------|
| Valid Tidak pernah | 89 | 100.0 | 100.0 | 100.0 |

kontak langsung dengan kabel listrik

| | Frequency | Percent | Valid Percent | Cumulative Percent |
|--------------------|-----------|---------|---------------|--------------------|
| Valid Tidak pernah | 74 | 83.1 | 83.1 | 83.1 |
| Jarang | 6 | 6.7 | 6.7 | 89.9 |
| Kadang-kadang | 9 | 10.1 | 10.1 | 100.0 |
| Total | 89 | 100.0 | 100.0 | |

Kontak dengan peralatan yang dialiri listrik

| | Frequency | Percent | Valid Percent | Cumulative Percent |
|--------------------|-----------|---------|---------------|--------------------|
| Valid Tidak pernah | 58 | 65.2 | 65.2 | 65.2 |
| Jarang | 26 | 29.2 | 29.2 | 94.4 |
| Kadang-kadang | 5 | 5.6 | 5.6 | 100.0 |
| Total | 89 | 100.0 | 100.0 | |

Kontak dengan material yang dialiri listrik

| | Frequency | Percent | Valid Percent | Cumulative Percent |
|--------------------|-----------|---------|---------------|--------------------|
| Valid Tidak pernah | 89 | 100.0 | 100.0 | 100.0 |

Kontak dengan tangga yang dialiri listrik

| | Frequency | Percent | Valid Percent | Cumulative Percent |
|--------------------|-----------|---------|---------------|--------------------|
| Valid Tidak pernah | 89 | 100.0 | 100.0 | 100.0 |

Terperangkap dalam galian yang runtuh

| | Frequency | Percent | Valid Percent | Cumulative Percent |
|--------------------|-----------|---------|---------------|--------------------|
| Valid Tidak pernah | 89 | 100.0 | 100.0 | 100.0 |

Terperangkap diantara komponen alat berat

| | Frequency | Percent | Valid Percent | Cumulative Percent |
|--------------------|-----------|---------|---------------|--------------------|
| Valid Tidak pernah | 89 | 100.0 | 100.0 | 100.0 |

terbawa dalam alat berat yang sedang berjalan

| | Frequency | Percent | Valid Percent | Cumulative Percent |
|--------------------|-----------|---------|---------------|--------------------|
| Valid Tidak pernah | 89 | 100.0 | 100.0 | 100.0 |

Pekerja tertabrak/terlindas alat berat

| | Frequency | Percent | Valid Percent | Cumulative Percent |
|--------------------|-----------|---------|---------------|--------------------|
| Valid Tidak pernah | 89 | 100.0 | 100.0 | 100.0 |

Pekerja tertabrak crane

| | Frequency | Percent | Valid Percent | Cumulative Percent |
|--------------------|-----------|---------|---------------|--------------------|
| Valid Tidak pernah | 89 | 100.0 | 100.0 | 100.0 |

Pekerja tertabrak truk proyek

| | Frequency | Percent | Valid Percent | Cumulative Percent |
|--------------------|-----------|---------|---------------|--------------------|
| Valid Tidak pernah | 89 | 100.0 | 100.0 | 100.0 |

Pekerja tertimpa benda yang jatuh

| | Frequency | Percent | Valid Percent | Cumulative Percent |
|--------------------|-----------|---------|---------------|--------------------|
| Valid Tidak pernah | 44 | 49.4 | 49.4 | 49.4 |
| Jarang | 37 | 41.6 | 41.6 | 91.0 |
| Kadang-kadang | 8 | 9.0 | 9.0 | 100.0 |
| Total | 89 | 100.0 | 100.0 | |

Pekerja tertimpa runtuh tanah dalam penggalian

| | Frequency | Percent | Valid Percent | Cumulative Percent |
|--------------------|-----------|---------|---------------|--------------------|
| Valid Tidak pernah | 10 | 11.2 | 11.2 | 11.2 |
| Jarang | 43 | 48.3 | 48.3 | 59.6 |
| Kadang-kadang | 33 | 37.1 | 37.1 | 96.6 |
| Sering | 3 | 3.4 | 3.4 | 100.0 |
| Total | 89 | 100.0 | 100.0 | |

Terhadap peralatan yang rusak

| | Frequency | Percent | Valid Percent | Cumulative Percent |
|--------------------|-----------|---------|---------------|--------------------|
| Valid Tidak pernah | 26 | 29.2 | 29.2 | 29.2 |
| Jarang | 45 | 50.6 | 50.6 | 79.8 |
| Kadang-kadang | 18 | 20.2 | 20.2 | 100.0 |
| Total | 89 | 100.0 | 100.0 | |

Rambu-rambu tidak lengkap/kurang fasilitas keselamatan

| | Frequency | Percent | Valid Percent | Cumulative Percent |
|--------------------|-----------|---------|---------------|--------------------|
| Valid Tidak pernah | 23 | 25.8 | 25.8 | 25.8 |
| Jarang | 47 | 52.8 | 52.8 | 78.7 |
| Kadang-kadang | 19 | 21.3 | 21.3 | 100.0 |
| Total | 89 | 100.0 | 100.0 | |

Kurang memadai baik dalam kualitas dan kuantitas ketersediaan peralatan perlindungan diri

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|-------|---------------|-----------|---------|---------------|--------------------|
| Valid | Tidak pernah | 1 | 1.1 | 1.1 | 1.1 |
| | Jarang | 20 | 22.5 | 22.5 | 23.6 |
| | Kadang-kadang | 42 | 47.2 | 47.2 | 70.8 |
| | Sering | 26 | 29.2 | 29.2 | 100.0 |
| | Total | 89 | 100.0 | 100.0 | |

Mesin sudah tua

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|-------|---------------|-----------|---------|---------------|--------------------|
| Valid | Tidak pernah | 64 | 71.9 | 71.9 | 71.9 |
| | Jarang | 24 | 27.0 | 27.0 | 98.9 |
| | Kadang-kadang | 1 | 1.1 | 1.1 | 100.0 |
| | Total | 89 | 100.0 | 100.0 | |

Mesin tak ada pelindung

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|-------|---------------|-----------|---------|---------------|--------------------|
| Valid | Tidak pernah | 26 | 29.2 | 29.2 | 29.2 |
| | Jarang | 49 | 55.1 | 55.1 | 84.3 |
| | Kadang-kadang | 14 | 15.7 | 15.7 | 100.0 |
| | Total | 89 | 100.0 | 100.0 | |

Penempatan peralatan dan material yang tidak sesuai

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|-------|---------------|-----------|---------|---------------|--------------------|
| Valid | Tidak pernah | 58 | 65.2 | 65.2 | 65.2 |
| | Jarang | 28 | 31.5 | 31.5 | 96.6 |
| | Kadang-kadang | 3 | 3.4 | 3.4 | 100.0 |
| | Total | 89 | 100.0 | 100.0 | |

Kendaraan dan peralatan bergerak yang berada terlalu dekat dengan tempat kerja

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|-------|--------------|-----------|---------|---------------|--------------------|
| Valid | Tidak pernah | 79 | 88.8 | 88.8 | 88.8 |
| | Jarang | 10 | 11.2 | 11.2 | 100.0 |
| | Total | 89 | 100.0 | 100.0 | |

Material yang cacat

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|-------|--------------|-----------|---------|---------------|--------------------|
| Valid | Tidak pernah | 85 | 95.5 | 95.5 | 95.5 |
| | Jarang | 4 | 4.5 | 4.5 | 100.0 |
| | Total | 89 | 100.0 | 100.0 | |

Pemeliharaan, serta inspeksi terhadap peralatan yang buruk

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|-------|--------------|-----------|---------|---------------|--------------------|
| Valid | Tidak pernah | 86 | 96.6 | 96.6 | 96.6 |
| | Jarang | 3 | 3.4 | 3.4 | 100.0 |
| | Total | 89 | 100.0 | 100.0 | |

Kurangnya lampu penerangan

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|-------|---------------|-----------|---------|---------------|--------------------|
| Valid | Tidak pernah | 19 | 21.3 | 21.3 | 21.3 |
| | Jarang | 62 | 69.7 | 69.7 | 91.0 |
| | Kadang-kadang | 8 | 9.0 | 9.0 | 100.0 |
| | Total | 89 | 100.0 | 100.0 | |

Temperatur yang terlalu rendah atau terlalu tinggi

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|-------|--------------|-----------|---------|---------------|--------------------|
| Valid | Tidak pernah | 81 | 91.0 | 91.0 | 91.0 |
| | Jarang | 8 | 9.0 | 9.0 | 100.0 |
| | Total | 89 | 100.0 | 100.0 | |

Gangguan berupa gas, uap, debu, kabut

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|-------|---------------|-----------|---------|---------------|--------------------|
| Valid | Tidak pernah | 14 | 15.7 | 15.7 | 15.7 |
| | Jarang | 67 | 75.3 | 75.3 | 91.0 |
| | Kadang-kadang | 8 | 9.0 | 9.0 | 100.0 |
| | Total | 89 | 100.0 | 100.0 | |

Kebisingan, getaran akibat mesin dapat menyebabkan stress dan ketulian

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|-------|--------------|-----------|---------|---------------|--------------------|
| Valid | Tidak pernah | 84 | 94.4 | 94.4 | 94.4 |
| | Jarang | 5 | 5.6 | 5.6 | 100.0 |
| | Total | 89 | 100.0 | 100.0 | |

Faktor alam, angin, banjir, petir

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|-------|--------------|-----------|---------|---------------|--------------------|
| Valid | Tidak pernah | 89 | 100.0 | 100.0 | 100.0 |

Terjadinya kepadatan pekerja

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|-------|--------------|-----------|---------|---------------|--------------------|
| Valid | Tidak pernah | 85 | 95.5 | 95.5 | 95.5 |
| | Jarang | 4 | 4.5 | 4.5 | 100.0 |
| | Total | 89 | 100.0 | 100.0 | |

Area yang terlalu padat atau sempit

| | Frequency | Percent | Valid Percent | Cumulative Percent |
|--------------------|-----------|---------|---------------|--------------------|
| Valid Tidak pernah | 64 | 71.9 | 71.9 | 71.9 |
| Jarang | 21 | 23.6 | 23.6 | 95.5 |
| Kadang-kadang | 4 | 4.5 | 4.5 | 100.0 |
| Total | 89 | 100.0 | 100.0 | |

Kurangnya pengetahuan tenaga kerja terhadap pekerjaan yang akan dilakukan

| | Frequency | Percent | Valid Percent | Cumulative Percent |
|--------------------|-----------|---------|---------------|--------------------|
| Valid Tidak pernah | 82 | 92.1 | 92.1 | 92.1 |
| Jarang | 7 | 7.9 | 7.9 | 100.0 |
| Total | 89 | 100.0 | 100.0 | |

Kurangnya kemampuan tenaga kerja (baik secara fisik maupun kejiwaan)

| | Frequency | Percent | Valid Percent | Cumulative Percent |
|--------------------|-----------|---------|---------------|--------------------|
| Valid Tidak pernah | 21 | 23.6 | 23.6 | 23.6 |
| Jarang | 43 | 48.3 | 48.3 | 71.9 |
| Kadang-kadang | 21 | 23.6 | 23.6 | 95.5 |
| Sering | 4 | 4.5 | 4.5 | 100.0 |
| Total | 89 | 100.0 | 100.0 | |

Kurangnya keahlian

| | Frequency | Percent | Valid Percent | Cumulative Percent |
|--------------------|-----------|---------|---------------|--------------------|
| Valid Tidak pernah | 24 | 27.0 | 27.0 | 27.0 |
| Jarang | 44 | 49.4 | 49.4 | 76.4 |
| Kadang-kadang | 18 | 20.2 | 20.2 | 96.6 |
| Sering | 3 | 3.4 | 3.4 | 100.0 |
| Total | 89 | 100.0 | 100.0 | |

Pekerja yang mengalami lupa sama sekali, melamun

| | Frequency | Percent | Valid Percent | Cumulative Percent |
|--------------------|-----------|---------|---------------|--------------------|
| Valid Tidak pernah | 20 | 22.5 | 22.5 | 22.5 |
| Jarang | 35 | 39.3 | 39.3 | 61.8 |
| Kadang-kadang | 27 | 30.3 | 30.3 | 92.1 |
| Sering | 7 | 7.9 | 7.9 | 100.0 |
| Total | 89 | 100.0 | 100.0 | |

Pekerja yang salah tangkap, salah sangka, salah pikir terhadap suatu hal/pekerjaan

| | Frequency | Percent | Valid Percent | Cumulative Percent |
|--------------------|-----------|---------|---------------|--------------------|
| Valid Tidak pernah | 24 | 27.0 | 27.0 | 27.0 |
| Jarang | 54 | 60.7 | 60.7 | 87.6 |
| Kadang-kadang | 11 | 12.4 | 12.4 | 100.0 |
| Total | 89 | 100.0 | 100.0 | |

Tenaga kerja kurang pengalaman

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|-------|---------------|-----------|---------|---------------|--------------------|
| Valid | Jarang | 52 | 58.4 | 58.4 | 58.4 |
| | Kadang-kadang | 31 | 34.8 | 34.8 | 93.3 |
| | Sering | 6 | 6.7 | 6.7 | 100.0 |
| | Total | 89 | 100.0 | 100.0 | |

Tenaga kerja kurang sehat jasmani dan mental

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|-------|--------------|-----------|---------|---------------|--------------------|
| Valid | Tidak pernah | 86 | 96.6 | 96.6 | 96.6 |
| | Jarang | 3 | 3.4 | 3.4 | 100.0 |
| | Total | 89 | 100.0 | 100.0 | |

Pekerja melakukan pekerjaan tanpa ijin

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|-------|--------------|-----------|---------|---------------|--------------------|
| Valid | Tidak pernah | 89 | 100.0 | 100.0 | 100.0 |

Pekerja dalam keadaan emosi yang terganggu, bertindak kasar

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|-------|--------------|-----------|---------|---------------|--------------------|
| Valid | Tidak pernah | 84 | 94.4 | 94.4 | 94.4 |
| | Jarang | 5 | 5.6 | 5.6 | 100.0 |
| | Total | 89 | 100.0 | 100.0 | |

Kurang disiplinnya para tenaga kerja dalam mematuhi ketentuan mengenai K3 yang antara lain dalam pemakaian alat pelindung diri kecelakaan kerja

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|-------|--------|-----------|---------|---------------|--------------------|
| Valid | Sering | 81 | 91.0 | 91.0 | 91.0 |
| | Selalu | 8 | 9.0 | 9.0 | 100.0 |
| | Total | 89 | 100.0 | 100.0 | |

Kurangnya koordinasi /komunikasi diantara para pekerja maupun juga pekerja dengan atasan diatasnya

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|-------|---------------|-----------|---------|---------------|--------------------|
| Valid | Tidak pernah | 58 | 65.2 | 65.2 | 65.2 |
| | Jarang | 29 | 32.6 | 32.6 | 97.8 |
| | Kadang-kadang | 2 | 2.2 | 2.2 | 100.0 |
| | Total | 89 | 100.0 | 100.0 | |

Kurangnya pengarahan dari pihak manajemen kepada pekerjanya tentang keamanan kerja

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|-------|---------------|-----------|---------|---------------|--------------------|
| Valid | Jarang | 32 | 36.0 | 36.0 | 36.0 |
| | Kadang-kadang | 57 | 64.0 | 64.0 | 100.0 |
| | Total | 89 | 100.0 | 100.0 | |

Pekerja mengalami keletihan dan kelemahan daya tahan tubuh

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|-------|---------------|-----------|---------|---------------|--------------------|
| Valid | Jarang | 32 | 36.0 | 36.0 | 36.0 |
| | Kadang-kadang | 49 | 55.1 | 55.1 | 91.0 |
| | Sering | 8 | 9.0 | 9.0 | 100.0 |
| | Total | 89 | 100.0 | 100.0 | |

Pekerja memiliki sikap dan perilaku kerja yang tidak baik

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|-------|---------------|-----------|---------|---------------|--------------------|
| Valid | Tidak pernah | 63 | 70.8 | 70.8 | 70.8 |
| | Jarang | 25 | 28.1 | 28.1 | 98.9 |
| | Kadang-kadang | 1 | 1.1 | 1.1 | 100.0 |
| | Total | 89 | 100.0 | 100.0 | |

Posisi kerja yang salah dan dipaksakan

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|-------|---------------|-----------|---------|---------------|--------------------|
| Valid | Jarang | 25 | 28.1 | 28.1 | 28.1 |
| | Kadang-kadang | 56 | 62.9 | 62.9 | 91.0 |
| | Sering | 8 | 9.0 | 9.0 | 100.0 |
| | Total | 89 | 100.0 | 100.0 | |

Pekerja mengalami kejenuhan, monoton, beban kerja yang sama

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|-------|--------------|-----------|---------|---------------|--------------------|
| Valid | Tidak pernah | 75 | 84.3 | 84.3 | 84.3 |
| | Jarang | 14 | 15.7 | 15.7 | 100.0 |
| | Total | 89 | 100.0 | 100.0 | |

Kesalahan operator dalam mengoperasikan mesin/peralatan kerja

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|-------|--------------|-----------|---------|---------------|--------------------|
| Valid | Tidak pernah | 85 | 95.5 | 95.5 | 95.5 |
| | Jarang | 4 | 4.5 | 4.5 | 100.0 |
| | Total | 89 | 100.0 | 100.0 | |

Merupakan watak bawaan personal, antara lain keras kepala dan pengetahuan lingkungan yang kurang baik

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|-------|---------------|-----------|---------|---------------|--------------------|
| Valid | Jarang | 36 | 40.4 | 40.4 | 40.4 |
| | Kadang-kadang | 45 | 50.6 | 50.6 | 91.0 |
| | Sering | 8 | 9.0 | 9.0 | 100.0 |
| | Total | 89 | 100.0 | 100.0 | |

Secara fisik mekanik meninggalkan alat pengaman

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|-------|---------------|-----------|---------|---------------|--------------------|
| Valid | Jarang | 33 | 37.1 | 37.1 | 37.1 |
| | Kadang-kadang | 51 | 57.3 | 57.3 | 94.4 |
| | Sering | 5 | 5.6 | 5.6 | 100.0 |
| | Total | 89 | 100.0 | 100.0 | |

Kurang orientasi dan motivasi tenaga kerja

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|-------|---------------|-----------|---------|---------------|--------------------|
| Valid | Tidak pernah | 58 | 65.2 | 65.2 | 65.2 |
| | Jarang | 30 | 33.7 | 33.7 | 98.9 |
| | Kadang-kadang | 1 | 1.1 | 1.1 | 100.0 |
| | Total | 89 | 100.0 | 100.0 | |

Kurang latihan memahami tombol-tombol/ petunjuk lain

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|-------|---------------|-----------|---------|---------------|--------------------|
| Valid | Jarang | 35 | 39.3 | 39.3 | 39.3 |
| | Kadang-kadang | 54 | 60.7 | 60.7 | 100.0 |
| | Total | 89 | 100.0 | 100.0 | |

Salah pengertian terhadap suatu perintah

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|-------|---------------|-----------|---------|---------------|--------------------|
| Valid | Tidak pernah | 57 | 64.0 | 64.0 | 64.0 |
| | Jarang | 31 | 34.8 | 34.8 | 98.9 |
| | Kadang-kadang | 1 | 1.1 | 1.1 | 100.0 |
| | Total | 89 | 100.0 | 100.0 | |

Tenaga kerja kurang trampil dalam bekerja

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|-------|---------------|-----------|---------|---------------|--------------------|
| Valid | Jarang | 30 | 33.7 | 33.7 | 33.7 |
| | Kadang-kadang | 53 | 59.6 | 59.6 | 93.3 |
| | Sering | 6 | 6.7 | 6.7 | 100.0 |
| | Total | 89 | 100.0 | 100.0 | |

Tenaga kerja pendiam dan tertutup

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|-------|--------------|-----------|---------|---------------|--------------------|
| Valid | Tidak pernah | 72 | 80.9 | 80.9 | 80.9 |
| | Jarang | 17 | 19.1 | 19.1 | 100.0 |
| | Total | 89 | 100.0 | 100.0 | |

Tenaga kerja mengalami frustrasi dan stress

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|-------|--------------|-----------|---------|---------------|--------------------|
| Valid | Tidak pernah | 80 | 89.9 | 89.9 | 89.9 |
| | Jarang | 9 | 10.1 | 10.1 | 100.0 |
| | Total | 89 | 100.0 | 100.0 | |

Kurangnya istirahat

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|-------|---------------|-----------|---------|---------------|--------------------|
| Valid | Jarang | 29 | 32.6 | 32.6 | 32.6 |
| | Kadang-kadang | 40 | 44.9 | 44.9 | 77.5 |
| | Sering | 20 | 22.5 | 22.5 | 100.0 |
| | Total | 89 | 100.0 | 100.0 | |

Penggunaan/pengoperasian alat yang tidak benar atau tidak sesuai

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|-------|---------------|-----------|---------|---------------|--------------------|
| Valid | Jarang | 49 | 55.1 | 55.1 | 55.1 |
| | Kadang-kadang | 39 | 43.8 | 43.8 | 98.9 |
| | Sering | 1 | 1.1 | 1.1 | 100.0 |
| | Total | 89 | 100.0 | 100.0 | |

Anda menggunakan helm saat berkerja

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|-------|---------------|-----------|---------|---------------|--------------------|
| Valid | Tidak setuju | 13 | 14.6 | 14.6 | 14.6 |
| | Setuju | 74 | 83.1 | 83.1 | 97.8 |
| | Sangat setuju | 2 | 2.2 | 2.2 | 100.0 |
| | Total | 89 | 100.0 | 100.0 | |

Anda menggunakan sabuk pengaman saat berkerja

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|-------|---------------|-----------|---------|---------------|--------------------|
| Valid | Tidak setuju | 2 | 2.2 | 2.2 | 2.2 |
| | Setuju | 66 | 74.2 | 74.2 | 76.4 |
| | Sangat setuju | 21 | 23.6 | 23.6 | 100.0 |
| | Total | 89 | 100.0 | 100.0 | |

Anda menggunakan sepatu saat berkerja

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|-------|---------------|-----------|---------|---------------|--------------------|
| Valid | Tidak setuju | 6 | 6.7 | 6.7 | 6.7 |
| | Setuju | 45 | 50.6 | 50.6 | 57.3 |
| | Sangat setuju | 38 | 42.7 | 42.7 | 100.0 |
| | Total | 89 | 100.0 | 100.0 | |

Anda menggunakan sarung tangan saat berkerja

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|-------|--------------|-----------|---------|---------------|--------------------|
| Valid | Tidak setuju | 61 | 68.5 | 68.5 | 68.5 |
| | Setuju | 28 | 31.5 | 31.5 | 100.0 |
| | Total | 89 | 100.0 | 100.0 | |

Anda sering merasa terburu-buru dalam menyelesaikan pekerjaan

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|-------|---------------|-----------|---------|---------------|--------------------|
| Valid | Tidak setuju | 11 | 12.4 | 12.4 | 12.4 |
| | Setuju | 60 | 67.4 | 67.4 | 79.8 |
| | Sangat setuju | 18 | 20.2 | 20.2 | 100.0 |
| | Total | 89 | 100.0 | 100.0 | |

Anda sering bergurau/bercanda dengan pekerja lain saat berkerja

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|-------|---------------|-----------|---------|---------------|--------------------|
| Valid | Tidak setuju | 6 | 6.7 | 6.7 | 6.7 |
| | Setuju | 80 | 89.9 | 89.9 | 96.6 |
| | Sangat setuju | 3 | 3.4 | 3.4 | 100.0 |
| | Total | 89 | 100.0 | 100.0 | |

Anda meletakkan alat kerja dan peralatan pada tempatnya

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|-------|---------------------|-----------|---------|---------------|--------------------|
| Valid | Sangat tidak setuju | 12 | 13.5 | 13.5 | 13.5 |
| | Tidak setuju | 77 | 86.5 | 86.5 | 100.0 |
| | Total | 89 | 100.0 | 100.0 | |

Anda tidak serius pada saat berkerja

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|-------|---------------|-----------|---------|---------------|--------------------|
| Valid | Setuju | 64 | 71.9 | 71.9 | 71.9 |
| | Sangat setuju | 25 | 28.1 | 28.1 | 100.0 |
| | Total | 89 | 100.0 | 100.0 | |

Anda mengalami kelelahan pada saat kerja

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|-------|---------------------|-----------|---------|---------------|--------------------|
| Valid | Sangat tidak setuju | 18 | 20.2 | 20.2 | 20.2 |
| | Tidak setuju | 71 | 79.8 | 79.8 | 100.0 |
| | Total | 89 | 100.0 | 100.0 | |

Anda melanggar rambu/peraturan

| | Frequency | Percent | Valid Percent | Cumulative Percent |
|---------------|-----------|---------|---------------|--------------------|
| Valid Setuju | 56 | 62.9 | 62.9 | 62.9 |
| Sangat setuju | 33 | 37.1 | 37.1 | 100.0 |
| Total | 89 | 100.0 | 100.0 | |

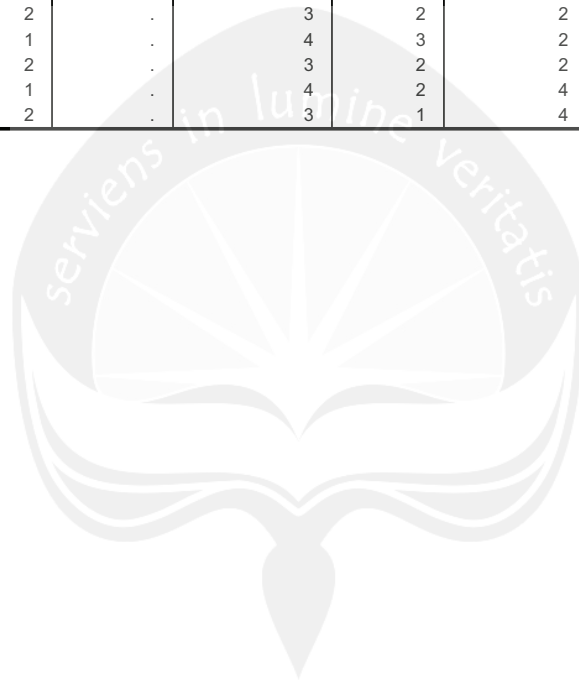


Case Summaries

| | Usia | Profesi | sebutkan | Pengalaman | Mandor | Pendidikan | Pelatihan | Frek pelatihan |
|----|------|---------|----------|------------|--------|------------|-----------|----------------|
| 1 | 1 | 4 | 1 | 1 | 1 | 4 | 1 | 1 |
| 2 | 1 | 4 | 1 | 1 | 1 | 4 | 1 | 1 |
| 3 | 1 | 4 | 1 | 1 | 1 | 6 | 1 | 1 |
| 4 | 1 | 4 | 1 | 1 | 1 | 4 | 1 | 1 |
| 5 | 1 | 4 | 1 | 1 | 1 | 6 | 1 | 1 |
| 6 | 1 | 4 | 1 | 1 | 1 | 5 | 1 | 1 |
| 7 | 1 | 4 | 1 | 1 | 1 | 6 | 1 | 1 |
| 8 | 1 | 4 | 1 | 1 | 1 | 6 | 1 | 1 |
| 9 | 1 | 4 | 1 | 1 | 1 | 4 | 1 | 1 |
| 10 | 2 | 4 | 2 | 1 | 1 | 6 | 1 | 1 |
| 11 | 2 | 4 | 2 | 1 | 1 | 6 | 1 | 1 |
| 12 | 2 | 4 | 2 | 1 | 1 | 6 | 1 | 1 |
| 13 | 2 | 4 | 1 | 2 | 1 | 5 | 1 | 1 |
| 14 | 2 | 4 | 1 | 2 | 1 | 4 | 1 | 1 |
| 15 | 2 | 4 | 2 | 2 | 1 | 6 | 1 | 1 |
| 16 | 3 | 2 | . | 3 | 1 | 4 | 1 | 1 |
| 17 | 3 | 2 | . | 3 | 1 | 6 | 1 | 1 |
| 18 | 4 | 1 | . | 4 | 1 | 4 | 1 | 1 |
| 19 | 3 | 2 | . | 3 | 1 | 4 | 1 | 1 |
| 20 | 4 | 1 | . | 4 | 4 | 2 | 1 | 1 |
| 21 | 3 | 2 | . | 2 | 1 | 6 | 1 | 1 |
| 22 | 4 | 1 | . | 4 | 3 | 4 | 1 | 1 |
| 23 | 3 | 2 | . | 2 | 1 | 4 | 1 | 1 |
| 24 | 3 | 2 | . | 4 | 3 | 6 | 1 | 1 |
| 25 | 3 | 2 | . | 3 | 2 | 4 | 1 | 1 |
| 26 | 4 | 1 | . | 4 | 2 | 4 | 1 | 1 |
| 27 | 3 | 2 | . | 2 | 1 | 4 | 1 | 1 |
| 28 | 3 | 2 | . | 2 | 2 | 6 | 1 | 1 |
| 29 | 2 | 4 | 1 | 2 | 1 | 4 | 1 | 1 |
| 30 | 3 | 3 | . | 2 | 1 | 6 | 1 | 1 |
| 31 | 2 | 4 | 2 | 2 | 1 | 6 | 1 | 1 |
| 32 | 3 | 3 | . | 2 | 2 | 6 | 1 | 1 |
| 33 | 4 | 2 | . | 4 | 1 | 4 | 1 | 1 |
| 34 | 3 | 1 | . | 3 | 1 | 6 | 1 | 1 |
| 35 | 3 | 1 | . | 2 | 1 | 6 | 1 | 1 |
| 36 | 3 | 3 | . | 2 | 2 | 4 | 1 | 1 |
| 37 | 1 | 4 | 1 | 1 | 1 | 4 | 1 | 1 |
| 38 | 3 | 3 | . | 4 | 3 | 6 | 1 | 1 |
| 39 | 4 | 1 | . | 4 | 3 | 2 | 1 | 1 |
| 40 | 3 | 3 | . | 2 | 1 | 6 | 1 | 1 |
| 41 | 3 | 3 | . | 4 | 2 | 6 | 1 | 1 |
| 42 | 4 | 1 | . | 4 | 4 | 4 | 1 | 1 |
| 43 | 3 | 2 | . | 2 | 1 | 6 | 1 | 1 |
| 44 | 2 | 4 | 1 | 1 | 1 | 3 | 1 | 1 |
| 45 | 3 | 2 | . | 2 | 1 | 6 | 1 | 1 |
| 46 | 2 | 4 | 2 | 1 | 1 | 6 | 1 | 1 |
| 47 | 3 | 2 | . | 2 | 1 | 6 | 1 | 1 |
| 48 | 3 | 1 | . | 3 | 1 | 4 | 1 | 1 |
| 49 | 2 | 4 | 1 | 2 | 1 | 4 | 1 | 1 |
| 50 | 3 | 1 | . | 3 | 1 | 6 | 1 | 1 |
| 51 | 4 | 2 | . | 4 | 1 | 4 | 1 | 1 |
| 52 | 3 | 1 | . | 3 | 1 | 4 | 1 | 1 |
| 53 | 2 | 4 | 1 | 2 | 1 | 3 | 1 | 1 |
| 54 | 3 | 3 | . | 3 | 1 | 4 | 1 | 1 |
| 55 | 2 | 4 | 2 | 2 | 1 | 6 | 1 | 1 |
| 56 | 3 | 2 | . | 4 | 3 | 2 | 1 | 1 |
| 57 | 3 | 3 | . | 3 | 1 | 4 | 1 | 1 |
| 58 | 3 | 3 | . | 4 | 2 | 4 | 1 | 1 |
| 59 | 2 | 4 | 1 | 1 | 1 | 3 | 1 | 1 |
| 60 | 3 | 1 | . | 3 | 1 | 2 | 1 | 1 |
| 61 | 4 | 2 | . | 4 | 4 | 2 | 1 | 1 |
| 62 | 3 | 1 | . | 3 | 1 | 4 | 1 | 1 |
| 63 | 2 | 4 | 1 | 2 | 1 | 3 | 1 | 1 |
| 64 | 3 | 1 | . | 4 | 3 | 4 | 1 | 1 |
| 65 | 2 | 4 | 2 | 2 | 1 | 6 | 1 | 1 |
| 66 | 3 | 2 | . | 3 | 2 | 2 | 1 | 1 |
| 67 | 2 | 4 | 1 | 2 | 1 | 3 | 1 | 1 |

Case Summaries

| | Usia | Profesi | sebutkan | Pengalaman | Mandor | Pendidikan | Pelatihan | Frek pelatihan |
|----|------|---------|----------|------------|--------|------------|-----------|----------------|
| 68 | 3 | 2 | . | 3 | 1 | 4 | 1 | 1 |
| 69 | 4 | 2 | . | 4 | 2 | 4 | 1 | 1 |
| 70 | 3 | 3 | . | 4 | 2 | 2 | 1 | 1 |
| 71 | 2 | 4 | 2 | 1 | 1 | 6 | 1 | 1 |
| 72 | 3 | 1 | . | 3 | 2 | 4 | 1 | 1 |
| 73 | 3 | 1 | . | 3 | 1 | 2 | 1 | 1 |
| 74 | 2 | 4 | 1 | 2 | 1 | 4 | 1 | 1 |
| 75 | 3 | 1 | . | 4 | 3 | 4 | 1 | 1 |
| 76 | 2 | 4 | 1 | 2 | 1 | 3 | 1 | 1 |
| 77 | 3 | 3 | . | 4 | 2 | 4 | 1 | 1 |
| 78 | 4 | 2 | . | 4 | 3 | 4 | 1 | 1 |
| 79 | 3 | 3 | . | 3 | 1 | 4 | 1 | 1 |
| 80 | 3 | 3 | . | 3 | 2 | 2 | 1 | 1 |
| 81 | 3 | 2 | . | 4 | 3 | 4 | 1 | 1 |
| 82 | 4 | 1 | . | 4 | 2 | 4 | 1 | 1 |
| 83 | 3 | 2 | . | 3 | 1 | 2 | 1 | 1 |
| 84 | 3 | 2 | . | 3 | 2 | 4 | 1 | 1 |
| 85 | 3 | 2 | . | 3 | 2 | 2 | 1 | 1 |
| 86 | 4 | 1 | . | 4 | 3 | 2 | 1 | 1 |
| 87 | 3 | 2 | . | 3 | 2 | 2 | 1 | 1 |
| 88 | 4 | 1 | . | 4 | 2 | 4 | 1 | 1 |
| 89 | 3 | 2 | . | 3 | 1 | 4 | 1 | 1 |

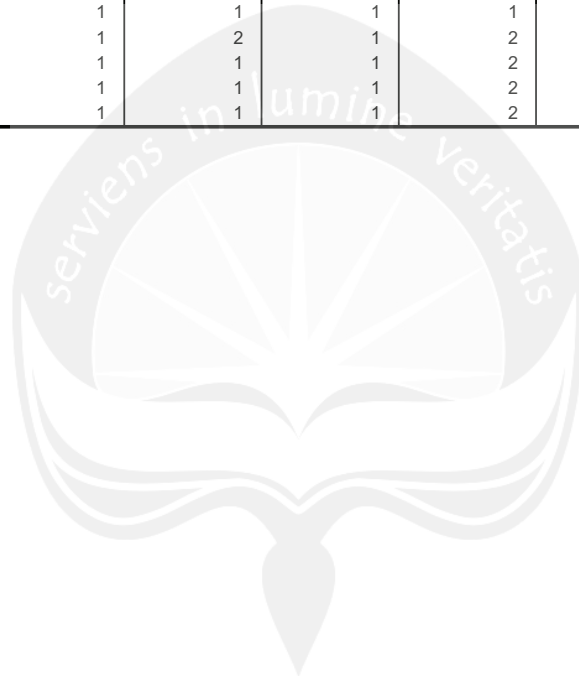


Case Summaries

| | identfksi 1 | identfksi 2 | identfksi 3 | identfksi 4 | identfksi 5 | identfksi 6 | identfksi 7 |
|----|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 2 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 3 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 4 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 5 | 1 | 1 | 1 | 1 | 1 | 1 | 2 |
| 6 | 1 | 1 | 1 | 1 | 1 | 1 | 2 |
| 7 | 1 | 1 | 1 | 1 | 1 | 1 | 2 |
| 8 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 9 | 1 | 1 | 1 | 1 | 1 | 1 | 2 |
| 10 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 11 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 12 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 13 | 1 | 1 | 1 | 1 | 1 | 1 | 2 |
| 14 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 15 | 1 | 1 | 1 | 1 | 1 | 1 | 2 |
| 16 | 1 | 1 | 1 | 1 | 2 | 1 | 3 |
| 17 | 1 | 1 | 1 | 1 | 1 | 1 | 3 |
| 18 | 1 | 1 | 1 | 1 | 2 | 2 | 2 |
| 19 | 1 | 1 | 1 | 1 | 1 | 1 | 2 |
| 20 | 1 | 1 | 2 | 1 | 2 | 1 | 3 |
| 21 | 1 | 1 | 1 | 1 | 1 | 1 | 3 |
| 22 | 1 | 1 | 1 | 1 | 2 | 2 | 3 |
| 23 | 1 | 1 | 1 | 1 | 2 | 1 | 2 |
| 24 | 1 | 1 | 1 | 1 | 2 | 1 | 2 |
| 25 | 1 | 1 | 1 | 1 | 2 | 1 | 2 |
| 26 | 1 | 1 | 1 | 1 | 1 | 1 | 2 |
| 27 | 1 | 1 | 1 | 1 | 2 | 1 | 2 |
| 28 | 1 | 1 | 1 | 1 | 1 | 1 | 2 |
| 29 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 30 | 1 | 1 | 1 | 1 | 1 | 1 | 2 |
| 31 | 1 | 1 | 1 | 1 | 1 | 1 | 2 |
| 32 | 1 | 1 | 1 | 1 | 1 | 1 | 2 |
| 33 | 1 | 1 | 1 | 1 | 2 | 1 | 3 |
| 34 | 1 | 1 | 1 | 1 | 2 | 1 | 3 |
| 35 | 1 | 1 | 1 | 1 | 1 | 1 | 2 |
| 36 | 1 | 1 | 1 | 1 | 2 | 1 | 2 |
| 37 | 1 | 1 | 1 | 1 | 1 | 1 | 2 |
| 38 | 1 | 1 | 1 | 1 | 1 | 1 | 2 |
| 39 | 1 | 1 | 1 | 1 | 2 | 1 | 4 |
| 40 | 1 | 1 | 2 | 1 | 1 | 1 | 3 |
| 41 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 42 | 1 | 1 | 1 | 1 | 2 | 1 | 3 |
| 43 | 1 | 1 | 1 | 1 | 1 | 1 | 2 |
| 44 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 45 | 1 | 1 | 1 | 1 | 1 | 1 | 2 |
| 46 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 47 | 1 | 1 | 1 | 1 | 1 | 1 | 3 |
| 48 | 1 | 1 | 1 | 1 | 1 | 1 | 3 |
| 49 | 1 | 1 | 1 | 1 | 2 | 1 | 2 |
| 50 | 1 | 1 | 1 | 1 | 1 | 1 | 3 |
| 51 | 1 | 1 | 1 | 1 | 1 | 1 | 4 |
| 52 | 1 | 1 | 1 | 1 | 1 | 1 | 2 |
| 53 | 1 | 1 | 1 | 1 | 1 | 1 | 2 |
| 54 | 1 | 1 | 2 | 1 | 1 | 1 | 2 |
| 55 | 1 | 1 | 1 | 1 | 1 | 1 | 2 |
| 56 | 1 | 1 | 1 | 1 | 2 | 1 | 2 |
| 57 | 1 | 1 | 1 | 1 | 1 | 1 | 2 |
| 58 | 1 | 1 | 1 | 1 | 2 | 1 | 3 |
| 59 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 60 | 1 | 1 | 1 | 1 | 1 | 1 | 3 |
| 61 | 1 | 1 | 1 | 1 | 2 | 1 | 2 |
| 62 | 1 | 1 | 1 | 1 | 1 | 1 | 2 |
| 63 | 1 | 1 | 1 | 1 | 2 | 1 | 3 |
| 64 | 1 | 1 | 1 | 1 | 2 | 1 | 4 |
| 65 | 1 | 1 | 1 | 1 | 1 | 1 | 2 |
| 66 | 1 | 1 | 1 | 1 | 2 | 1 | 2 |
| 67 | 1 | 1 | 1 | 1 | 1 | 1 | 3 |

Case Summaries

| | identfksi 1 | identfksi 2 | identfksi 3 | identfksi 4 | identfksi 5 | identfksi 6 | identfksi 7 |
|----|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| 68 | 1 | 1 | 2 | 1 | 1 | 1 | 3 |
| 69 | 1 | 1 | 1 | 1 | 2 | 1 | 2 |
| 70 | 1 | 1 | 1 | 1 | 2 | 2 | 2 |
| 71 | 1 | 1 | 1 | 1 | 1 | 1 | 2 |
| 72 | 1 | 1 | 1 | 1 | 2 | 1 | 3 |
| 73 | 1 | 1 | 1 | 1 | 1 | 1 | 2 |
| 74 | 1 | 1 | 1 | 1 | 1 | 1 | 3 |
| 75 | 1 | 1 | 2 | 1 | 1 | 1 | 3 |
| 76 | 1 | 1 | 1 | 1 | 2 | 1 | 2 |
| 77 | 1 | 1 | 1 | 1 | 1 | 1 | 3 |
| 78 | 1 | 1 | 1 | 1 | 2 | 2 | 4 |
| 79 | 1 | 1 | 1 | 1 | 2 | 2 | 2 |
| 80 | 1 | 1 | 1 | 1 | 2 | 1 | 2 |
| 81 | 1 | 1 | 1 | 1 | 1 | 1 | 4 |
| 82 | 1 | 1 | 1 | 1 | 2 | 1 | 3 |
| 83 | 1 | 1 | 1 | 1 | 1 | 1 | 3 |
| 84 | 1 | 1 | 1 | 1 | 1 | 2 | 2 |
| 85 | 1 | 1 | 1 | 1 | 1 | 1 | 3 |
| 86 | 1 | 1 | 2 | 1 | 2 | 1 | 4 |
| 87 | 1 | 1 | 1 | 1 | 2 | 1 | 3 |
| 88 | 1 | 1 | 1 | 1 | 2 | 2 | 3 |
| 89 | 1 | 1 | 1 | 1 | 2 | 2 | 3 |

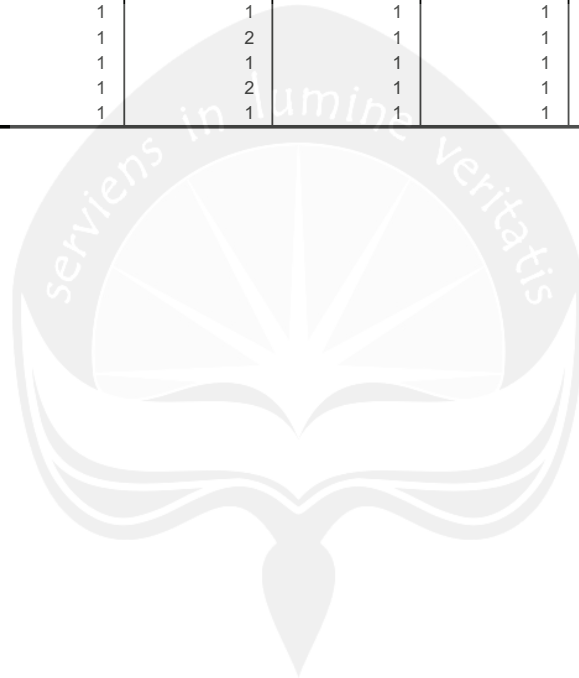


Case Summaries

| | identfksi 8 | identfksi 9 | identfksi 10 | identfksi 11 | identfksi 12 | identfksi 13 | identfksi 14 |
|----|-------------|-------------|--------------|--------------|--------------|--------------|--------------|
| 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 2 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 3 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 4 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 5 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 6 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 7 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 8 | 1 | 2 | 1 | 1 | 1 | 1 | 1 |
| 9 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 10 | 1 | 3 | 1 | 1 | 1 | 1 | 1 |
| 11 | 1 | 3 | 1 | 1 | 1 | 1 | 1 |
| 12 | 1 | 3 | 1 | 1 | 1 | 1 | 1 |
| 13 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 14 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 15 | 1 | 3 | 1 | 1 | 1 | 1 | 1 |
| 16 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 17 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 18 | 1 | 1 | 2 | 1 | 1 | 1 | 1 |
| 19 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 20 | 1 | 2 | 3 | 1 | 1 | 1 | 1 |
| 21 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 22 | 1 | 1 | 2 | 1 | 1 | 1 | 1 |
| 23 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 24 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 25 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 26 | 1 | 2 | 2 | 1 | 1 | 1 | 1 |
| 27 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 28 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 29 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 30 | 1 | 2 | 1 | 1 | 1 | 1 | 1 |
| 31 | 1 | 3 | 1 | 1 | 1 | 1 | 1 |
| 32 | 1 | 1 | 2 | 1 | 1 | 1 | 1 |
| 33 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 34 | 1 | 1 | 3 | 1 | 1 | 1 | 1 |
| 35 | 1 | 1 | 2 | 1 | 1 | 1 | 1 |
| 36 | 1 | 1 | 2 | 1 | 1 | 1 | 1 |
| 37 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 38 | 1 | 1 | 2 | 1 | 1 | 1 | 1 |
| 39 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 40 | 1 | 1 | 2 | 1 | 1 | 1 | 1 |
| 41 | 1 | 1 | 2 | 1 | 1 | 1 | 1 |
| 42 | 1 | 1 | 3 | 1 | 1 | 1 | 1 |
| 43 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 44 | 1 | 2 | 1 | 1 | 1 | 1 | 1 |
| 45 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 46 | 1 | 3 | 1 | 1 | 1 | 1 | 1 |
| 47 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 48 | 1 | 1 | 2 | 1 | 1 | 1 | 1 |
| 49 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 50 | 1 | 1 | 2 | 1 | 1 | 1 | 1 |
| 51 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 52 | 1 | 1 | 2 | 1 | 1 | 1 | 1 |
| 53 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 54 | 1 | 1 | 3 | 1 | 1 | 1 | 1 |
| 55 | 1 | 3 | 1 | 1 | 1 | 1 | 1 |
| 56 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 57 | 1 | 1 | 2 | 1 | 1 | 1 | 1 |
| 58 | 1 | 1 | 2 | 1 | 1 | 1 | 1 |
| 59 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 60 | 1 | 2 | 2 | 1 | 1 | 1 | 1 |
| 61 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 62 | 1 | 1 | 2 | 1 | 1 | 1 | 1 |
| 63 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 64 | 1 | 1 | 2 | 1 | 1 | 1 | 1 |
| 65 | 1 | 3 | 1 | 1 | 1 | 1 | 1 |
| 66 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 67 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |

Case Summaries

| | identfksi 8 | identfksi 9 | identfksi 10 | identfksi 11 | identfksi 12 | identfksi 13 | identfksi 14 |
|----|-------------|-------------|--------------|--------------|--------------|--------------|--------------|
| 68 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 69 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 70 | 1 | 1 | 2 | 1 | 1 | 1 | 1 |
| 71 | 1 | 3 | 1 | 1 | 1 | 1 | 1 |
| 72 | 1 | 1 | 2 | 1 | 1 | 1 | 1 |
| 73 | 1 | 1 | 2 | 1 | 1 | 1 | 1 |
| 74 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 75 | 1 | 1 | 2 | 1 | 1 | 1 | 1 |
| 76 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 77 | 1 | 1 | 2 | 1 | 1 | 1 | 1 |
| 78 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 79 | 1 | 1 | 3 | 1 | 1 | 1 | 1 |
| 80 | 1 | 1 | 2 | 1 | 1 | 1 | 1 |
| 81 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 82 | 1 | 1 | 2 | 1 | 1 | 1 | 1 |
| 83 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 84 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 85 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 86 | 1 | 1 | 2 | 1 | 1 | 1 | 1 |
| 87 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 88 | 1 | 1 | 2 | 1 | 1 | 1 | 1 |
| 89 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |

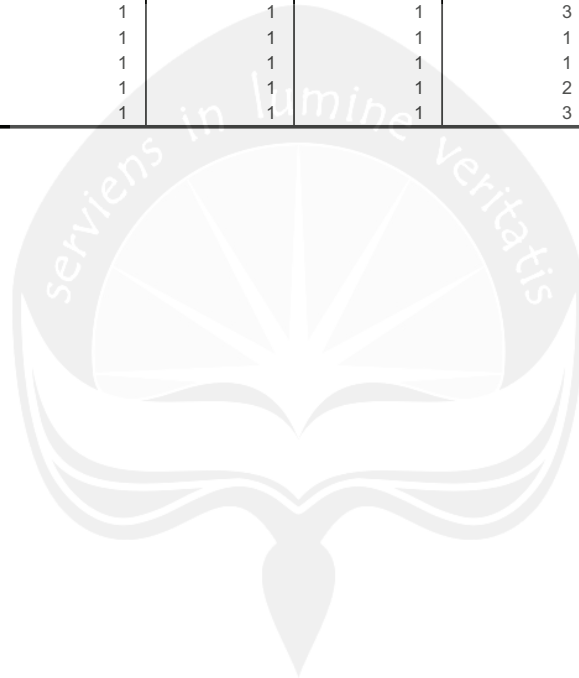


Case Summaries

| | identfksi 15 | identfksi 16 | identfksi 17 | identfksi 18 | identfksi 19 | identfksi 20 |
|----|--------------|--------------|--------------|--------------|--------------|--------------|
| 1 | 1 | 1 | 1 | 1 | 2 | 4 |
| 2 | 1 | 1 | 1 | 1 | 1 | 3 |
| 3 | 1 | 1 | 1 | 1 | 1 | 3 |
| 4 | 1 | 1 | 1 | 1 | 1 | 3 |
| 5 | 1 | 1 | 1 | 1 | 2 | 2 |
| 6 | 1 | 1 | 1 | 1 | 2 | 3 |
| 7 | 1 | 1 | 1 | 1 | 2 | 2 |
| 8 | 1 | 1 | 1 | 1 | 1 | 3 |
| 9 | 1 | 1 | 1 | 1 | 2 | 3 |
| 10 | 1 | 1 | 1 | 1 | 2 | 2 |
| 11 | 1 | 1 | 1 | 1 | 1 | 1 |
| 12 | 1 | 1 | 1 | 1 | 1 | 3 |
| 13 | 1 | 1 | 1 | 1 | 2 | 3 |
| 14 | 1 | 1 | 1 | 1 | 1 | 2 |
| 15 | 1 | 1 | 1 | 1 | 1 | 2 |
| 16 | 1 | 1 | 1 | 1 | 1 | 2 |
| 17 | 1 | 1 | 1 | 1 | 2 | 3 |
| 18 | 1 | 1 | 1 | 1 | 1 | 2 |
| 19 | 1 | 1 | 1 | 1 | 1 | 2 |
| 20 | 1 | 1 | 1 | 1 | 3 | 2 |
| 21 | 1 | 1 | 1 | 1 | 1 | 2 |
| 22 | 1 | 1 | 1 | 1 | 2 | 2 |
| 23 | 1 | 1 | 1 | 1 | 2 | 3 |
| 24 | 1 | 1 | 1 | 1 | 1 | 2 |
| 25 | 1 | 1 | 1 | 1 | 2 | 3 |
| 26 | 1 | 1 | 1 | 1 | 1 | 3 |
| 27 | 1 | 1 | 1 | 1 | 1 | 2 |
| 28 | 1 | 1 | 1 | 1 | 2 | 2 |
| 29 | 1 | 1 | 1 | 1 | 2 | 3 |
| 30 | 1 | 1 | 1 | 1 | 2 | 3 |
| 31 | 1 | 1 | 1 | 1 | 2 | 2 |
| 32 | 1 | 1 | 1 | 1 | 1 | 2 |
| 33 | 1 | 1 | 1 | 1 | 1 | 4 |
| 34 | 1 | 1 | 1 | 1 | 1 | 2 |
| 35 | 1 | 1 | 1 | 1 | 1 | 2 |
| 36 | 1 | 1 | 1 | 1 | 2 | 2 |
| 37 | 1 | 1 | 1 | 1 | 1 | 2 |
| 38 | 1 | 1 | 1 | 1 | 2 | 1 |
| 39 | 1 | 1 | 1 | 1 | 1 | 3 |
| 40 | 1 | 1 | 1 | 1 | 2 | 2 |
| 41 | 1 | 1 | 1 | 1 | 1 | 1 |
| 42 | 1 | 1 | 1 | 1 | 3 | 2 |
| 43 | 1 | 1 | 1 | 1 | 2 | 3 |
| 44 | 1 | 1 | 1 | 1 | 1 | 3 |
| 45 | 1 | 1 | 1 | 1 | 1 | 2 |
| 46 | 1 | 1 | 1 | 1 | 2 | 2 |
| 47 | 1 | 1 | 1 | 1 | 3 | 3 |
| 48 | 1 | 1 | 1 | 1 | 1 | 1 |
| 49 | 1 | 1 | 1 | 1 | 1 | 2 |
| 50 | 1 | 1 | 1 | 1 | 2 | 2 |
| 51 | 1 | 1 | 1 | 1 | 3 | 3 |
| 52 | 1 | 1 | 1 | 1 | 1 | 2 |
| 53 | 1 | 1 | 1 | 1 | 2 | 3 |
| 54 | 1 | 1 | 1 | 1 | 1 | 2 |
| 55 | 1 | 1 | 1 | 1 | 1 | 3 |
| 56 | 1 | 1 | 1 | 1 | 2 | 2 |
| 57 | 1 | 1 | 1 | 1 | 2 | 2 |
| 58 | 1 | 1 | 1 | 1 | 2 | 1 |
| 59 | 1 | 1 | 1 | 1 | 1 | 2 |
| 60 | 1 | 1 | 1 | 1 | 2 | 1 |
| 61 | 1 | 1 | 1 | 1 | 2 | 2 |
| 62 | 1 | 1 | 1 | 1 | 1 | 2 |
| 63 | 1 | 1 | 1 | 1 | 2 | 3 |
| 64 | 1 | 1 | 1 | 1 | 1 | 1 |
| 65 | 1 | 1 | 1 | 1 | 1 | 3 |
| 66 | 1 | 1 | 1 | 1 | 2 | 3 |
| 67 | 1 | 1 | 1 | 1 | 1 | 3 |

Case Summaries

| | identfksi_15 | identfksi_16 | identfksi_17 | identfksi_18 | identfksi_19 | identfksi_20 |
|----|--------------|--------------|--------------|--------------|--------------|--------------|
| 68 | 1 | 1 | 1 | 1 | 1 | 2 |
| 69 | 1 | 1 | 1 | 1 | 2 | 2 |
| 70 | 1 | 1 | 1 | 1 | 1 | 1 |
| 71 | 1 | 1 | 1 | 1 | 2 | 3 |
| 72 | 1 | 1 | 1 | 1 | 1 | 2 |
| 73 | 1 | 1 | 1 | 1 | 3 | 1 |
| 74 | 1 | 1 | 1 | 1 | 2 | 2 |
| 75 | 1 | 1 | 1 | 1 | 1 | 1 |
| 76 | 1 | 1 | 1 | 1 | 2 | 3 |
| 77 | 1 | 1 | 1 | 1 | 2 | 2 |
| 78 | 1 | 1 | 1 | 1 | 1 | 4 |
| 79 | 1 | 1 | 1 | 1 | 1 | 2 |
| 80 | 1 | 1 | 1 | 1 | 2 | 2 |
| 81 | 1 | 1 | 1 | 1 | 2 | 3 |
| 82 | 1 | 1 | 1 | 1 | 1 | 2 |
| 83 | 1 | 1 | 1 | 1 | 1 | 3 |
| 84 | 1 | 1 | 1 | 1 | 3 | 2 |
| 85 | 1 | 1 | 1 | 1 | 3 | 3 |
| 86 | 1 | 1 | 1 | 1 | 1 | 3 |
| 87 | 1 | 1 | 1 | 1 | 1 | 3 |
| 88 | 1 | 1 | 1 | 1 | 2 | 3 |
| 89 | 1 | 1 | 1 | 1 | 3 | 2 |

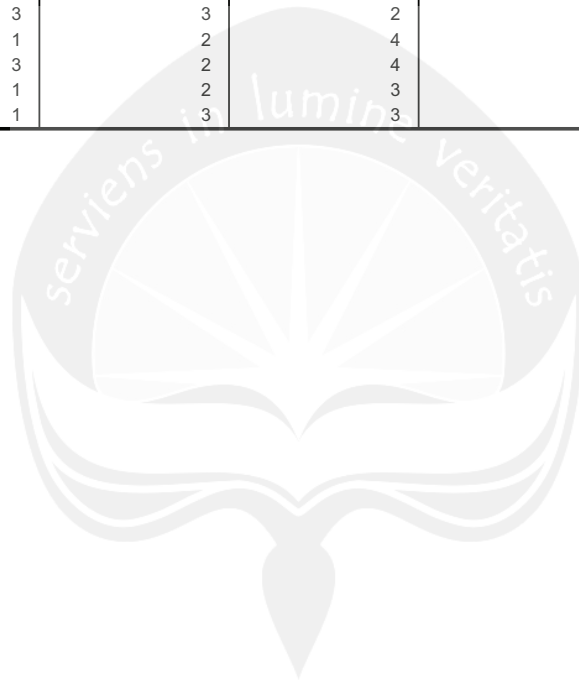


Case Summaries

| | faktor material 1 | faktor material 2 | faktor material 3 | faktor material 4 | faktor material 5 |
|----|-------------------|-------------------|-------------------|-------------------|-------------------|
| 1 | 2 | 2 | 3 | 1 | 1 |
| 2 | 3 | 2 | 3 | 1 | 2 |
| 3 | 2 | 2 | 4 | 1 | 1 |
| 4 | 3 | 2 | 3 | 1 | 2 |
| 5 | 3 | 3 | 2 | 1 | 2 |
| 6 | 2 | 3 | 2 | 1 | 1 |
| 7 | 2 | 3 | 4 | 1 | 2 |
| 8 | 1 | 2 | 3 | 1 | 3 |
| 9 | 1 | 1 | 2 | 1 | 2 |
| 10 | 2 | 1 | 2 | 2 | 3 |
| 11 | 3 | 1 | 2 | 1 | 2 |
| 12 | 3 | 1 | 3 | 2 | 3 |
| 13 | 2 | 3 | 3 | 1 | 3 |
| 14 | 2 | 2 | 2 | 1 | 2 |
| 15 | 3 | 3 | 4 | 1 | 3 |
| 16 | 3 | 2 | 3 | 1 | 2 |
| 17 | 1 | 3 | 4 | 1 | 2 |
| 18 | 2 | 2 | 3 | 1 | 2 |
| 19 | 2 | 2 | 3 | 2 | 2 |
| 20 | 2 | 1 | 3 | 1 | 2 |
| 21 | 2 | 2 | 1 | 1 | 2 |
| 22 | 2 | 2 | 4 | 1 | 1 |
| 23 | 2 | 1 | 4 | 1 | 1 |
| 24 | 1 | 1 | 3 | 1 | 1 |
| 25 | 2 | 3 | 4 | 1 | 1 |
| 26 | 2 | 2 | 4 | 2 | 2 |
| 27 | 3 | 1 | 3 | 2 | 1 |
| 28 | 2 | 1 | 4 | 2 | 2 |
| 29 | 2 | 2 | 4 | 1 | 2 |
| 30 | 2 | 3 | 2 | 2 | 2 |
| 31 | 1 | 2 | 3 | 2 | 2 |
| 32 | 3 | 2 | 3 | 1 | 1 |
| 33 | 1 | 2 | 4 | 2 | 2 |
| 34 | 1 | 2 | 2 | 1 | 1 |
| 35 | 2 | 2 | 3 | 1 | 2 |
| 36 | 3 | 1 | 3 | 2 | 1 |
| 37 | 2 | 2 | 2 | 1 | 1 |
| 38 | 2 | 1 | 2 | 2 | 3 |
| 39 | 1 | 2 | 3 | 2 | 1 |
| 40 | 2 | 2 | 4 | 1 | 2 |
| 41 | 3 | 3 | 4 | 1 | 2 |
| 42 | 1 | 1 | 4 | 2 | 2 |
| 43 | 1 | 2 | 2 | 1 | 2 |
| 44 | 2 | 2 | 2 | 1 | 2 |
| 45 | 1 | 2 | 3 | 1 | 1 |
| 46 | 2 | 3 | 3 | 1 | 2 |
| 47 | 2 | 1 | 4 | 1 | 1 |
| 48 | 2 | 2 | 4 | 2 | 2 |
| 49 | 2 | 1 | 2 | 1 | 3 |
| 50 | 1 | 1 | 3 | 1 | 1 |
| 51 | 2 | 1 | 3 | 1 | 1 |
| 52 | 2 | 2 | 4 | 1 | 2 |
| 53 | 3 | 1 | 3 | 1 | 3 |
| 54 | 2 | 2 | 3 | 2 | 2 |
| 55 | 1 | 2 | 3 | 2 | 3 |
| 56 | 2 | 1 | 4 | 1 | 2 |
| 57 | 1 | 2 | 2 | 1 | 3 |
| 58 | 2 | 2 | 3 | 2 | 3 |
| 59 | 1 | 2 | 3 | 1 | 2 |
| 60 | 2 | 2 | 3 | 2 | 2 |
| 61 | 2 | 2 | 3 | 1 | 2 |
| 62 | 1 | 1 | 2 | 1 | 2 |
| 63 | 3 | 2 | 3 | 1 | 2 |
| 64 | 2 | 2 | 2 | 1 | 2 |
| 65 | 1 | 3 | 4 | 1 | 3 |
| 66 | 1 | 2 | 3 | 2 | 2 |
| 67 | 2 | 3 | 2 | 1 | 3 |

Case Summaries

| | faktor material 1 | faktor material 2 | faktor material 3 | faktor material 4 | faktor material 5 |
|----|-------------------|-------------------|-------------------|-------------------|-------------------|
| 68 | 1 | 3 | 4 | 1 | 1 |
| 69 | 1 | 2 | 4 | 1 | 2 |
| 70 | 3 | 3 | 4 | 1 | 1 |
| 71 | 2 | 3 | 2 | 1 | 1 |
| 72 | 2 | 2 | 3 | 1 | 1 |
| 73 | 2 | 1 | 4 | 2 | 2 |
| 74 | 2 | 2 | 3 | 1 | 3 |
| 75 | 1 | 2 | 3 | 1 | 2 |
| 76 | 2 | 2 | 3 | 1 | 2 |
| 77 | 2 | 2 | 3 | 1 | 1 |
| 78 | 3 | 3 | 3 | 1 | 1 |
| 79 | 1 | 2 | 2 | 3 | 2 |
| 80 | 1 | 2 | 3 | 1 | 2 |
| 81 | 2 | 1 | 3 | 1 | 2 |
| 82 | 2 | 1 | 3 | 1 | 1 |
| 83 | 3 | 2 | 4 | 2 | 2 |
| 84 | 2 | 1 | 3 | 1 | 2 |
| 85 | 3 | 3 | 2 | 1 | 2 |
| 86 | 1 | 2 | 4 | 1 | 2 |
| 87 | 3 | 2 | 4 | 2 | 1 |
| 88 | 1 | 2 | 3 | 2 | 2 |
| 89 | 1 | 3 | 3 | 2 | 2 |

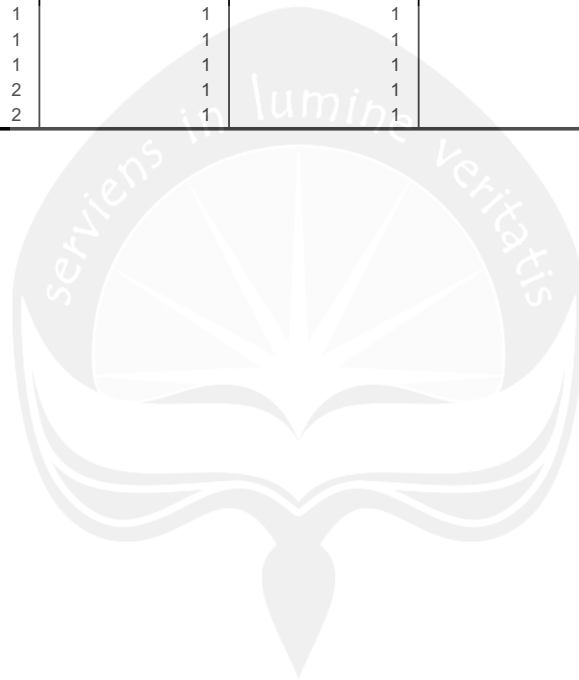


Case Summaries

| | faktor material 6 | faktor material 7 | faktor material 8 | faktor material 9 | faktor_lingkungan_1 |
|----|-------------------|-------------------|-------------------|-------------------|---------------------|
| 1 | 2 | 1 | 1 | 1 | 2 |
| 2 | 1 | 1 | 1 | 1 | 2 |
| 3 | 1 | 2 | 2 | 1 | 2 |
| 4 | 1 | 1 | 1 | 1 | 1 |
| 5 | 1 | 1 | 1 | 1 | 2 |
| 6 | 1 | 1 | 1 | 1 | 1 |
| 7 | 2 | 1 | 2 | 2 | 1 |
| 8 | 1 | 1 | 1 | 1 | 2 |
| 9 | 2 | 1 | 1 | 1 | 2 |
| 10 | 2 | 1 | 1 | 1 | 1 |
| 11 | 1 | 1 | 1 | 1 | 3 |
| 12 | 2 | 1 | 1 | 1 | 2 |
| 13 | 2 | 1 | 1 | 1 | 2 |
| 14 | 1 | 1 | 1 | 1 | 1 |
| 15 | 1 | 2 | 2 | 2 | 1 |
| 16 | 1 | 1 | 1 | 1 | 2 |
| 17 | 1 | 2 | 1 | 1 | 1 |
| 18 | 1 | 1 | 1 | 1 | 2 |
| 19 | 1 | 1 | 1 | 1 | 2 |
| 20 | 2 | 1 | 1 | 1 | 2 |
| 21 | 2 | 1 | 1 | 1 | 2 |
| 22 | 1 | 1 | 1 | 1 | 2 |
| 23 | 2 | 2 | 1 | 1 | 2 |
| 24 | 1 | 1 | 1 | 1 | 2 |
| 25 | 2 | 2 | 1 | 1 | 2 |
| 26 | 1 | 1 | 1 | 1 | 2 |
| 27 | 1 | 1 | 1 | 1 | 3 |
| 28 | 2 | 1 | 1 | 1 | 2 |
| 29 | 1 | 2 | 1 | 1 | 2 |
| 30 | 3 | 1 | 1 | 1 | 2 |
| 31 | 1 | 1 | 1 | 1 | 2 |
| 32 | 1 | 1 | 1 | 1 | 2 |
| 33 | 1 | 1 | 2 | 2 | 2 |
| 34 | 1 | 1 | 1 | 1 | 2 |
| 35 | 2 | 1 | 1 | 1 | 2 |
| 36 | 2 | 1 | 1 | 1 | 3 |
| 37 | 1 | 1 | 1 | 1 | 2 |
| 38 | 1 | 1 | 1 | 1 | 2 |
| 39 | 2 | 1 | 1 | 1 | 2 |
| 40 | 1 | 2 | 1 | 1 | 1 |
| 41 | 1 | 1 | 1 | 1 | 1 |
| 42 | 1 | 2 | 1 | 1 | 2 |
| 43 | 1 | 1 | 1 | 1 | 1 |
| 44 | 1 | 1 | 1 | 1 | 1 |
| 45 | 1 | 1 | 1 | 1 | 2 |
| 46 | 2 | 1 | 1 | 1 | 1 |
| 47 | 2 | 1 | 1 | 1 | 2 |
| 48 | 2 | 1 | 1 | 1 | 1 |
| 49 | 1 | 1 | 1 | 1 | 2 |
| 50 | 1 | 1 | 1 | 1 | 2 |
| 51 | 1 | 1 | 1 | 1 | 2 |
| 52 | 1 | 1 | 1 | 1 | 2 |
| 53 | 2 | 1 | 1 | 1 | 1 |
| 54 | 1 | 1 | 1 | 1 | 2 |
| 55 | 1 | 1 | 1 | 1 | 2 |
| 56 | 1 | 2 | 1 | 1 | 3 |
| 57 | 2 | 1 | 1 | 1 | 2 |
| 58 | 2 | 1 | 1 | 1 | 2 |
| 59 | 1 | 1 | 1 | 1 | 2 |
| 60 | 1 | 1 | 1 | 1 | 2 |
| 61 | 2 | 1 | 1 | 1 | 1 |
| 62 | 2 | 1 | 1 | 1 | 1 |
| 63 | 1 | 1 | 1 | 1 | 2 |
| 64 | 1 | 1 | 1 | 1 | 2 |
| 65 | 2 | 1 | 1 | 1 | 1 |
| 66 | 1 | 1 | 1 | 1 | 1 |
| 67 | 1 | 1 | 1 | 1 | 2 |

Case Summaries

| | faktor material 6 | faktor material 7 | faktor material 8 | faktor material 9 | faktor_lingkungan_1 |
|----|-------------------|-------------------|-------------------|-------------------|---------------------|
| 68 | 1 | 1 | 1 | 1 | 3 |
| 69 | 3 | 2 | 1 | 1 | 2 |
| 70 | 1 | 1 | 1 | 1 | 2 |
| 71 | 1 | 1 | 1 | 1 | 2 |
| 72 | 1 | 1 | 1 | 1 | 2 |
| 73 | 1 | 1 | 1 | 1 | 2 |
| 74 | 1 | 1 | 1 | 1 | 2 |
| 75 | 2 | 1 | 1 | 1 | 2 |
| 76 | 1 | 1 | 1 | 1 | 2 |
| 77 | 1 | 1 | 1 | 1 | 2 |
| 78 | 1 | 1 | 1 | 1 | 2 |
| 79 | 1 | 1 | 1 | 1 | 2 |
| 80 | 2 | 1 | 1 | 1 | 3 |
| 81 | 3 | 1 | 1 | 1 | 2 |
| 82 | 1 | 1 | 1 | 1 | 3 |
| 83 | 2 | 1 | 1 | 1 | 2 |
| 84 | 1 | 1 | 1 | 1 | 2 |
| 85 | 1 | 1 | 1 | 1 | 2 |
| 86 | 1 | 1 | 1 | 1 | 2 |
| 87 | 1 | 1 | 1 | 1 | 2 |
| 88 | 2 | 1 | 1 | 1 | 3 |
| 89 | 2 | 1 | 1 | 1 | 1 |

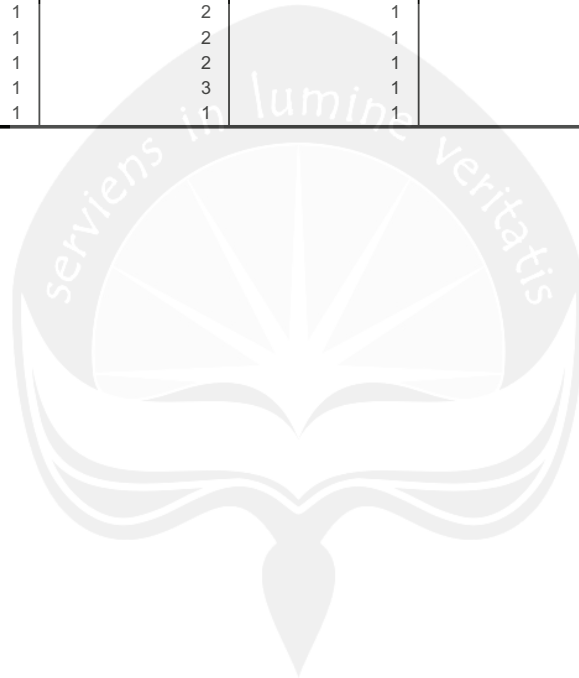


Case Summaries

| | faktor_lingkungan_ 2 | faktor_lingkungan_ 3 | faktor_lingkungan_ 4 | faktor_lingkungan_ 5 | faktor_lingkungan_ 6 |
|----|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| 1 | 1 | 2 | 1 | 1 | 1 |
| 2 | 1 | 2 | 1 | 1 | 1 |
| 3 | 1 | 2 | 1 | 1 | 1 |
| 4 | 1 | 2 | 1 | 1 | 1 |
| 5 | 1 | 2 | 1 | 1 | 1 |
| 6 | 1 | 2 | 1 | 1 | 1 |
| 7 | 1 | 1 | 1 | 1 | 1 |
| 8 | 1 | 2 | 1 | 1 | 1 |
| 9 | 1 | 2 | 1 | 1 | 1 |
| 10 | 1 | 1 | 1 | 1 | 1 |
| 11 | 2 | 3 | 2 | 1 | 2 |
| 12 | 1 | 2 | 1 | 1 | 1 |
| 13 | 1 | 2 | 1 | 1 | 1 |
| 14 | 1 | 1 | 1 | 1 | 1 |
| 15 | 1 | 1 | 1 | 1 | 1 |
| 16 | 1 | 2 | 1 | 1 | 1 |
| 17 | 1 | 1 | 1 | 1 | 1 |
| 18 | 1 | 2 | 1 | 1 | 1 |
| 19 | 1 | 2 | 1 | 1 | 1 |
| 20 | 1 | 2 | 1 | 1 | 1 |
| 21 | 1 | 2 | 1 | 1 | 1 |
| 22 | 2 | 2 | 1 | 1 | 1 |
| 23 | 1 | 2 | 1 | 1 | 1 |
| 24 | 1 | 2 | 1 | 1 | 1 |
| 25 | 1 | 2 | 1 | 1 | 1 |
| 26 | 1 | 2 | 1 | 1 | 1 |
| 27 | 2 | 3 | 2 | 1 | 2 |
| 28 | 1 | 2 | 1 | 1 | 1 |
| 29 | 1 | 2 | 1 | 1 | 1 |
| 30 | 1 | 2 | 1 | 1 | 1 |
| 31 | 1 | 2 | 1 | 1 | 1 |
| 32 | 1 | 2 | 1 | 1 | 1 |
| 33 | 1 | 2 | 1 | 1 | 1 |
| 34 | 1 | 2 | 1 | 1 | 1 |
| 35 | 2 | 2 | 1 | 1 | 1 |
| 36 | 1 | 3 | 2 | 1 | 2 |
| 37 | 1 | 2 | 1 | 1 | 1 |
| 38 | 1 | 2 | 1 | 1 | 1 |
| 39 | 1 | 3 | 1 | 1 | 1 |
| 40 | 1 | 1 | 1 | 1 | 1 |
| 41 | 1 | 1 | 1 | 1 | 1 |
| 42 | 1 | 2 | 1 | 1 | 1 |
| 43 | 1 | 1 | 1 | 1 | 1 |
| 44 | 1 | 2 | 1 | 1 | 1 |
| 45 | 1 | 2 | 1 | 1 | 1 |
| 46 | 1 | 2 | 1 | 1 | 1 |
| 47 | 1 | 2 | 1 | 1 | 1 |
| 48 | 1 | 1 | 1 | 1 | 1 |
| 49 | 1 | 2 | 1 | 1 | 1 |
| 50 | 1 | 2 | 1 | 1 | 1 |
| 51 | 1 | 2 | 1 | 1 | 1 |
| 52 | 1 | 2 | 1 | 1 | 1 |
| 53 | 1 | 1 | 1 | 1 | 1 |
| 54 | 1 | 2 | 1 | 1 | 1 |
| 55 | 1 | 2 | 1 | 1 | 1 |
| 56 | 2 | 3 | 2 | 1 | 1 |
| 57 | 1 | 2 | 1 | 1 | 1 |
| 58 | 1 | 2 | 1 | 1 | 1 |
| 59 | 1 | 2 | 1 | 1 | 1 |
| 60 | 1 | 2 | 1 | 1 | 1 |
| 61 | 1 | 1 | 1 | 1 | 1 |
| 62 | 1 | 1 | 1 | 1 | 1 |
| 63 | 1 | 2 | 1 | 1 | 1 |
| 64 | 1 | 2 | 1 | 1 | 1 |
| 65 | 1 | 2 | 1 | 1 | 1 |
| 66 | 1 | 1 | 1 | 1 | 1 |
| 67 | 1 | 2 | 1 | 1 | 1 |

Case Summaries

| | faktor_lingkungan_ 2 | faktor_lingkungan_ 3 | faktor_lingkungan_ 4 | faktor_lingkungan_ 5 | faktor_lingkungan_ 6 |
|----|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| 68 | 2 | 3 | 1 | 1 | 1 |
| 69 | 1 | 2 | 1 | 1 | 1 |
| 70 | 1 | 2 | 1 | 1 | 1 |
| 71 | 1 | 2 | 1 | 1 | 1 |
| 72 | 1 | 2 | 1 | 1 | 1 |
| 73 | 1 | 2 | 1 | 1 | 1 |
| 74 | 1 | 2 | 1 | 1 | 1 |
| 75 | 1 | 2 | 1 | 1 | 1 |
| 76 | 1 | 2 | 1 | 1 | 1 |
| 77 | 1 | 2 | 1 | 1 | 1 |
| 78 | 1 | 2 | 1 | 1 | 1 |
| 79 | 1 | 2 | 1 | 1 | 1 |
| 80 | 2 | 2 | 1 | 1 | 1 |
| 81 | 1 | 2 | 1 | 1 | 1 |
| 82 | 2 | 3 | 2 | 1 | 2 |
| 83 | 1 | 2 | 1 | 1 | 1 |
| 84 | 1 | 2 | 1 | 1 | 1 |
| 85 | 1 | 2 | 1 | 1 | 1 |
| 86 | 1 | 2 | 1 | 1 | 1 |
| 87 | 1 | 2 | 1 | 1 | 1 |
| 88 | 1 | 3 | 1 | 1 | 1 |
| 89 | 1 | 1 | 1 | 1 | 1 |

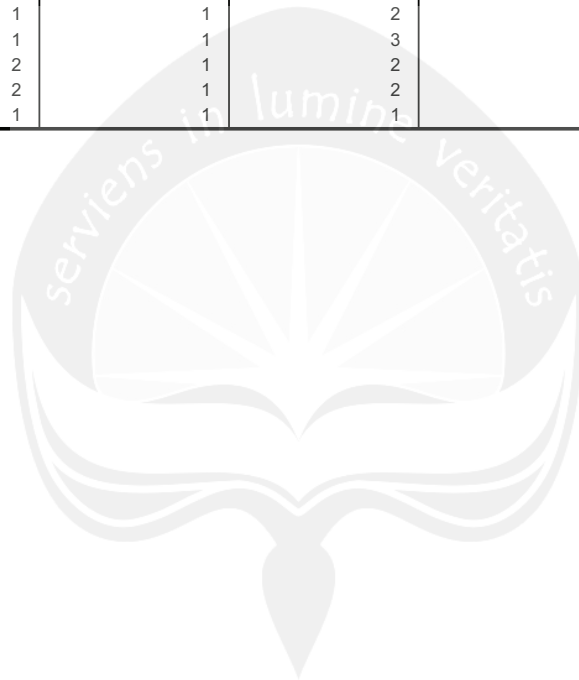


Case Summaries

| | faktor_lingkungan_ 7 | faktor manusia 1 | faktor manusia 2 | faktor manusia 3 | faktor manusia 4 |
|----|-------------------------|------------------|------------------|------------------|------------------|
| 1 | 1 | 1 | 2 | 2 | 2 |
| 2 | 1 | 1 | 2 | 2 | 2 |
| 3 | 1 | 1 | 1 | 1 | 1 |
| 4 | 1 | 1 | 3 | 3 | 3 |
| 5 | 1 | 1 | 2 | 2 | 2 |
| 6 | 1 | 1 | 1 | 1 | 1 |
| 7 | 1 | 1 | 2 | 2 | 2 |
| 8 | 1 | 1 | 3 | 3 | 3 |
| 9 | 1 | 1 | 2 | 2 | 2 |
| 10 | 1 | 1 | 3 | 3 | 3 |
| 11 | 2 | 2 | 4 | 4 | 4 |
| 12 | 1 | 1 | 1 | 1 | 1 |
| 13 | 1 | 1 | 3 | 3 | 3 |
| 14 | 1 | 1 | 2 | 2 | 2 |
| 15 | 1 | 1 | 1 | 1 | 1 |
| 16 | 1 | 1 | 1 | 1 | 1 |
| 17 | 2 | 1 | 2 | 2 | 2 |
| 18 | 1 | 1 | 3 | 3 | 3 |
| 19 | 1 | 1 | 3 | 3 | 3 |
| 20 | 1 | 1 | 3 | 3 | 3 |
| 21 | 1 | 1 | 1 | 1 | 1 |
| 22 | 1 | 1 | 2 | 2 | 2 |
| 23 | 2 | 1 | 2 | 2 | 2 |
| 24 | 2 | 1 | 2 | 2 | 2 |
| 25 | 2 | 1 | 2 | 2 | 3 |
| 26 | 1 | 1 | 2 | 2 | 2 |
| 27 | 3 | 2 | 3 | 2 | 4 |
| 28 | 1 | 1 | 3 | 3 | 3 |
| 29 | 1 | 1 | 1 | 1 | 1 |
| 30 | 1 | 1 | 2 | 1 | 3 |
| 31 | 1 | 1 | 3 | 3 | 3 |
| 32 | 1 | 1 | 2 | 2 | 2 |
| 33 | 2 | 1 | 2 | 2 | 2 |
| 34 | 1 | 1 | 2 | 2 | 2 |
| 35 | 1 | 1 | 2 | 1 | 3 |
| 36 | 3 | 2 | 4 | 4 | 4 |
| 37 | 1 | 1 | 1 | 1 | 1 |
| 38 | 1 | 1 | 1 | 1 | 1 |
| 39 | 2 | 1 | 2 | 2 | 4 |
| 40 | 1 | 1 | 2 | 2 | 2 |
| 41 | 1 | 1 | 2 | 2 | 2 |
| 42 | 1 | 1 | 4 | 3 | 4 |
| 43 | 2 | 1 | 2 | 2 | 2 |
| 44 | 1 | 1 | 1 | 1 | 1 |
| 45 | 1 | 1 | 1 | 1 | 1 |
| 46 | 1 | 1 | 2 | 2 | 2 |
| 47 | 2 | 1 | 2 | 2 | 2 |
| 48 | 2 | 2 | 3 | 3 | 3 |
| 49 | 1 | 1 | 2 | 2 | 2 |
| 50 | 1 | 1 | 2 | 2 | 4 |
| 51 | 1 | 1 | 3 | 3 | 3 |
| 52 | 1 | 1 | 2 | 2 | 2 |
| 53 | 1 | 1 | 2 | 2 | 2 |
| 54 | 1 | 1 | 3 | 3 | 3 |
| 55 | 1 | 1 | 1 | 1 | 1 |
| 56 | 3 | 2 | 3 | 3 | 3 |
| 57 | 1 | 1 | 2 | 2 | 2 |
| 58 | 1 | 1 | 3 | 3 | 3 |
| 59 | 1 | 1 | 2 | 2 | 2 |
| 60 | 2 | 2 | 3 | 2 | 3 |
| 61 | 2 | 1 | 1 | 1 | 1 |
| 62 | 2 | 1 | 3 | 3 | 3 |
| 63 | 1 | 1 | 1 | 1 | 1 |
| 64 | 2 | 1 | 2 | 2 | 2 |
| 65 | 1 | 1 | 1 | 1 | 1 |
| 66 | 1 | 1 | 1 | 1 | 1 |
| 67 | 1 | 1 | 3 | 2 | 3 |

Case Summaries

| | faktor_lingkungan_ 7 | faktor manusia 1 | faktor manusia 2 | faktor manusia 3 | faktor manusia 4 |
|----|-------------------------|------------------|------------------|------------------|------------------|
| 68 | 1 | 1 | 4 | 4 | 4 |
| 69 | 2 | 1 | 2 | 2 | 2 |
| 70 | 1 | 1 | 3 | 2 | 3 |
| 71 | 1 | 1 | 2 | 2 | 2 |
| 72 | 2 | 1 | 2 | 2 | 2 |
| 73 | 1 | 1 | 1 | 1 | 1 |
| 74 | 1 | 1 | 1 | 1 | 1 |
| 75 | 2 | 1 | 2 | 2 | 2 |
| 76 | 1 | 1 | 2 | 2 | 2 |
| 77 | 1 | 1 | 2 | 2 | 3 |
| 78 | 1 | 1 | 2 | 2 | 2 |
| 79 | 1 | 1 | 2 | 2 | 3 |
| 80 | 1 | 1 | 1 | 1 | 1 |
| 81 | 2 | 1 | 1 | 1 | 1 |
| 82 | 3 | 2 | 3 | 3 | 3 |
| 83 | 2 | 1 | 2 | 2 | 3 |
| 84 | 1 | 1 | 2 | 2 | 3 |
| 85 | 1 | 1 | 2 | 1 | 2 |
| 86 | 1 | 1 | 3 | 3 | 3 |
| 87 | 2 | 1 | 2 | 2 | 2 |
| 88 | 2 | 1 | 2 | 2 | 2 |
| 89 | 1 | 1 | 1 | 1 | 2 |

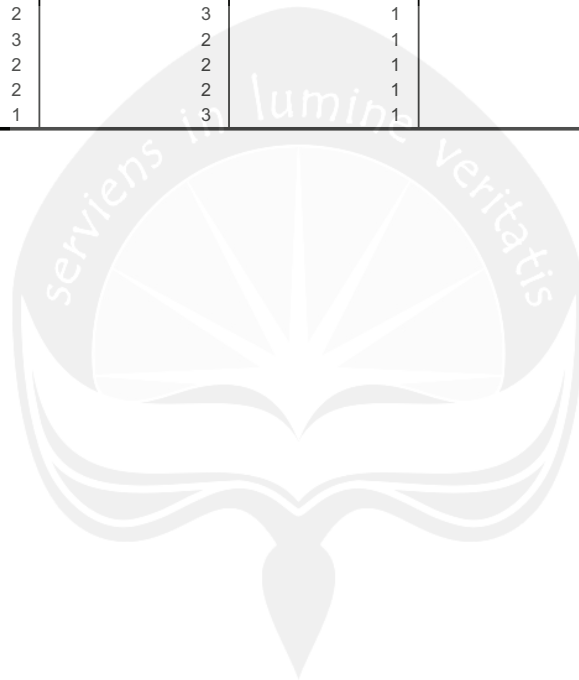


Case Summaries

| | faktor manusia 5 | faktor manusia 6 | faktor manusia 7 | faktor manusia 8 | faktor manusia 9 |
|----|------------------|------------------|------------------|------------------|------------------|
| 1 | 2 | 2 | 1 | 1 | 1 |
| 2 | 2 | 3 | 1 | 1 | 1 |
| 3 | 1 | 2 | 1 | 1 | 1 |
| 4 | 3 | 2 | 1 | 1 | 1 |
| 5 | 2 | 3 | 1 | 1 | 1 |
| 6 | 1 | 3 | 1 | 1 | 1 |
| 7 | 2 | 2 | 1 | 1 | 1 |
| 8 | 2 | 2 | 1 | 1 | 1 |
| 9 | 2 | 3 | 1 | 1 | 2 |
| 10 | 2 | 3 | 1 | 1 | 1 |
| 11 | 3 | 4 | 1 | 1 | 2 |
| 12 | 1 | 2 | 1 | 1 | 1 |
| 13 | 2 | 3 | 1 | 1 | 1 |
| 14 | 2 | 3 | 1 | 1 | 1 |
| 15 | 1 | 3 | 1 | 1 | 1 |
| 16 | 1 | 2 | 1 | 1 | 1 |
| 17 | 2 | 2 | 1 | 1 | 1 |
| 18 | 3 | 3 | 1 | 1 | 1 |
| 19 | 2 | 2 | 1 | 1 | 1 |
| 20 | 3 | 2 | 1 | 1 | 1 |
| 21 | 1 | 2 | 1 | 1 | 1 |
| 22 | 2 | 3 | 1 | 1 | 1 |
| 23 | 2 | 2 | 1 | 1 | 1 |
| 24 | 2 | 3 | 1 | 1 | 1 |
| 25 | 2 | 2 | 1 | 1 | 1 |
| 26 | 2 | 2 | 1 | 1 | 1 |
| 27 | 2 | 4 | 2 | 1 | 2 |
| 28 | 3 | 2 | 1 | 1 | 1 |
| 29 | 1 | 2 | 1 | 1 | 1 |
| 30 | 2 | 3 | 1 | 1 | 1 |
| 31 | 2 | 3 | 1 | 1 | 1 |
| 32 | 2 | 2 | 1 | 1 | 1 |
| 33 | 2 | 3 | 1 | 1 | 1 |
| 34 | 2 | 2 | 1 | 1 | 1 |
| 35 | 1 | 2 | 1 | 1 | 1 |
| 36 | 3 | 4 | 2 | 1 | 2 |
| 37 | 1 | 3 | 1 | 1 | 1 |
| 38 | 1 | 2 | 1 | 1 | 1 |
| 39 | 3 | 4 | 1 | 1 | 1 |
| 40 | 2 | 2 | 1 | 1 | 1 |
| 41 | 2 | 2 | 1 | 1 | 1 |
| 42 | 2 | 4 | 2 | 1 | 2 |
| 43 | 2 | 2 | 1 | 1 | 1 |
| 44 | 1 | 2 | 1 | 1 | 1 |
| 45 | 1 | 2 | 1 | 1 | 1 |
| 46 | 2 | 2 | 1 | 1 | 1 |
| 47 | 2 | 2 | 1 | 1 | 1 |
| 48 | 1 | 3 | 1 | 1 | 1 |
| 49 | 2 | 2 | 1 | 1 | 1 |
| 50 | 1 | 2 | 1 | 1 | 1 |
| 51 | 2 | 2 | 1 | 1 | 1 |
| 52 | 2 | 2 | 1 | 1 | 1 |
| 53 | 2 | 3 | 1 | 1 | 1 |
| 54 | 2 | 3 | 1 | 1 | 1 |
| 55 | 1 | 2 | 1 | 1 | 1 |
| 56 | 3 | 3 | 1 | 1 | 1 |
| 57 | 2 | 2 | 1 | 1 | 1 |
| 58 | 2 | 3 | 1 | 1 | 1 |
| 59 | 2 | 2 | 1 | 1 | 1 |
| 60 | 2 | 3 | 1 | 1 | 1 |
| 61 | 1 | 2 | 1 | 1 | 1 |
| 62 | 2 | 2 | 1 | 1 | 1 |
| 63 | 1 | 2 | 1 | 1 | 1 |
| 64 | 2 | 2 | 1 | 1 | 1 |
| 65 | 1 | 3 | 1 | 1 | 1 |
| 66 | 1 | 2 | 1 | 1 | 1 |
| 67 | 2 | 3 | 1 | 1 | 1 |

Case Summaries

| | faktor manusia 5 | faktor manusia 6 | faktor manusia 7 | faktor manusia 8 | faktor manusia 9 |
|----|------------------|------------------|------------------|------------------|------------------|
| 68 | 3 | 4 | 1 | 1 | 1 |
| 69 | 2 | 3 | 1 | 1 | 1 |
| 70 | 3 | 3 | 1 | 1 | 1 |
| 71 | 2 | 2 | 1 | 1 | 1 |
| 72 | 2 | 3 | 1 | 1 | 1 |
| 73 | 1 | 3 | 1 | 1 | 1 |
| 74 | 1 | 2 | 1 | 1 | 1 |
| 75 | 2 | 2 | 1 | 1 | 1 |
| 76 | 2 | 2 | 1 | 1 | 1 |
| 77 | 2 | 2 | 1 | 1 | 1 |
| 78 | 2 | 2 | 1 | 1 | 1 |
| 79 | 2 | 3 | 1 | 1 | 1 |
| 80 | 1 | 2 | 1 | 1 | 1 |
| 81 | 1 | 2 | 1 | 1 | 1 |
| 82 | 2 | 2 | 1 | 1 | 1 |
| 83 | 2 | 2 | 1 | 1 | 1 |
| 84 | 2 | 3 | 1 | 1 | 1 |
| 85 | 2 | 3 | 1 | 1 | 1 |
| 86 | 3 | 2 | 1 | 1 | 1 |
| 87 | 2 | 2 | 1 | 1 | 1 |
| 88 | 2 | 2 | 1 | 1 | 1 |
| 89 | 1 | 3 | 1 | 1 | 1 |

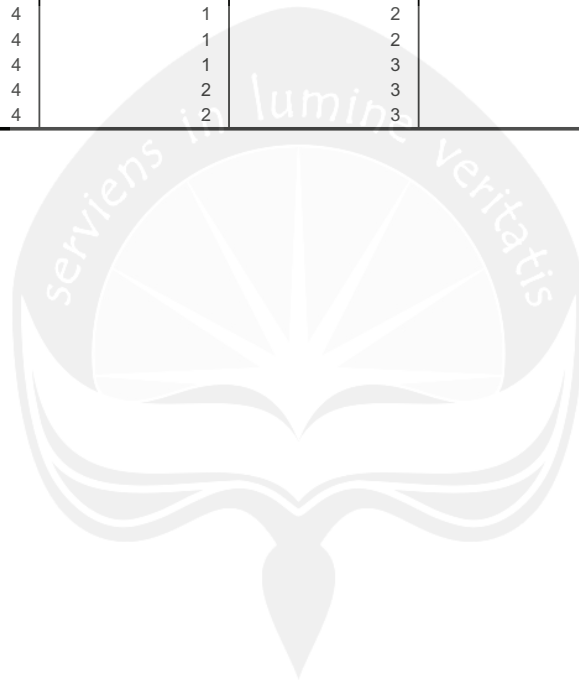


Case Summaries

| | faktor manusia 10 | faktor manusia 11 | faktor manusia 12 | faktor manusia 13 | faktor manusia 14 |
|----|-------------------|-------------------|-------------------|-------------------|-------------------|
| 1 | 4 | 1 | 3 | 3 | 1 |
| 2 | 4 | 2 | 3 | 3 | 2 |
| 3 | 4 | 1 | 3 | 3 | 1 |
| 4 | 4 | 1 | 2 | 2 | 1 |
| 5 | 4 | 2 | 3 | 3 | 2 |
| 6 | 4 | 1 | 3 | 3 | 1 |
| 7 | 4 | 1 | 3 | 3 | 1 |
| 8 | 4 | 1 | 2 | 2 | 1 |
| 9 | 5 | 2 | 3 | 4 | 2 |
| 10 | 4 | 2 | 3 | 3 | 2 |
| 11 | 5 | 3 | 3 | 4 | 2 |
| 12 | 4 | 2 | 3 | 3 | 1 |
| 13 | 4 | 1 | 3 | 3 | 1 |
| 14 | 4 | 1 | 2 | 2 | 1 |
| 15 | 4 | 2 | 3 | 3 | 2 |
| 16 | 4 | 1 | 2 | 2 | 1 |
| 17 | 4 | 1 | 3 | 3 | 1 |
| 18 | 4 | 2 | 3 | 3 | 2 |
| 19 | 4 | 1 | 3 | 3 | 1 |
| 20 | 4 | 2 | 3 | 3 | 2 |
| 21 | 4 | 2 | 3 | 3 | 2 |
| 22 | 4 | 2 | 3 | 3 | 1 |
| 23 | 4 | 1 | 2 | 2 | 1 |
| 24 | 4 | 1 | 2 | 2 | 1 |
| 25 | 4 | 2 | 3 | 3 | 2 |
| 26 | 4 | 1 | 2 | 2 | 1 |
| 27 | 5 | 2 | 3 | 4 | 2 |
| 28 | 4 | 1 | 3 | 3 | 1 |
| 29 | 4 | 1 | 2 | 2 | 1 |
| 30 | 4 | 1 | 2 | 2 | 1 |
| 31 | 4 | 1 | 3 | 3 | 1 |
| 32 | 4 | 1 | 2 | 2 | 1 |
| 33 | 4 | 1 | 2 | 2 | 1 |
| 34 | 4 | 2 | 3 | 3 | 1 |
| 35 | 4 | 1 | 2 | 2 | 1 |
| 36 | 5 | 2 | 3 | 4 | 2 |
| 37 | 4 | 1 | 2 | 2 | 1 |
| 38 | 4 | 1 | 3 | 3 | 1 |
| 39 | 5 | 2 | 3 | 4 | 2 |
| 40 | 4 | 1 | 3 | 3 | 1 |
| 41 | 4 | 1 | 3 | 3 | 1 |
| 42 | 5 | 2 | 3 | 4 | 2 |
| 43 | 4 | 1 | 2 | 2 | 1 |
| 44 | 4 | 1 | 3 | 3 | 1 |
| 45 | 4 | 2 | 3 | 3 | 2 |
| 46 | 4 | 1 | 2 | 2 | 1 |
| 47 | 4 | 2 | 3 | 3 | 2 |
| 48 | 4 | 1 | 2 | 2 | 1 |
| 49 | 4 | 1 | 2 | 2 | 1 |
| 50 | 4 | 1 | 3 | 3 | 1 |
| 51 | 4 | 2 | 3 | 3 | 2 |
| 52 | 4 | 1 | 2 | 2 | 1 |
| 53 | 4 | 1 | 3 | 3 | 1 |
| 54 | 4 | 2 | 3 | 3 | 2 |
| 55 | 4 | 1 | 2 | 2 | 1 |
| 56 | 5 | 3 | 3 | 4 | 3 |
| 57 | 4 | 1 | 3 | 3 | 1 |
| 58 | 4 | 2 | 3 | 3 | 2 |
| 59 | 4 | 1 | 3 | 3 | 1 |
| 60 | 4 | 2 | 3 | 3 | 1 |
| 61 | 4 | 2 | 3 | 3 | 2 |
| 62 | 4 | 1 | 2 | 2 | 1 |
| 63 | 4 | 1 | 2 | 2 | 1 |
| 64 | 4 | 1 | 2 | 2 | 1 |
| 65 | 4 | 1 | 2 | 2 | 1 |
| 66 | 4 | 1 | 2 | 2 | 1 |
| 67 | 4 | 1 | 3 | 3 | 1 |

Case Summaries

| | faktor manusia 10 | faktor manusia 11 | faktor manusia 12 | faktor manusia 13 | faktor manusia 14 |
|----|-------------------|-------------------|-------------------|-------------------|-------------------|
| 68 | 5 | 2 | 3 | 4 | 1 |
| 69 | 4 | 1 | 3 | 3 | 1 |
| 70 | 4 | 1 | 2 | 2 | 1 |
| 71 | 4 | 2 | 3 | 3 | 2 |
| 72 | 4 | 2 | 3 | 3 | 2 |
| 73 | 4 | 1 | 2 | 2 | 1 |
| 74 | 4 | 1 | 3 | 3 | 1 |
| 75 | 4 | 1 | 3 | 3 | 1 |
| 76 | 4 | 1 | 3 | 3 | 1 |
| 77 | 4 | 1 | 2 | 2 | 1 |
| 78 | 4 | 1 | 3 | 3 | 1 |
| 79 | 4 | 1 | 2 | 2 | 1 |
| 80 | 4 | 1 | 2 | 2 | 1 |
| 81 | 4 | 2 | 3 | 3 | 2 |
| 82 | 4 | 1 | 2 | 2 | 1 |
| 83 | 4 | 1 | 3 | 3 | 1 |
| 84 | 4 | 1 | 3 | 3 | 1 |
| 85 | 4 | 1 | 2 | 2 | 1 |
| 86 | 4 | 1 | 2 | 2 | 1 |
| 87 | 4 | 1 | 3 | 3 | 1 |
| 88 | 4 | 2 | 3 | 3 | 2 |
| 89 | 4 | 2 | 3 | 3 | 2 |

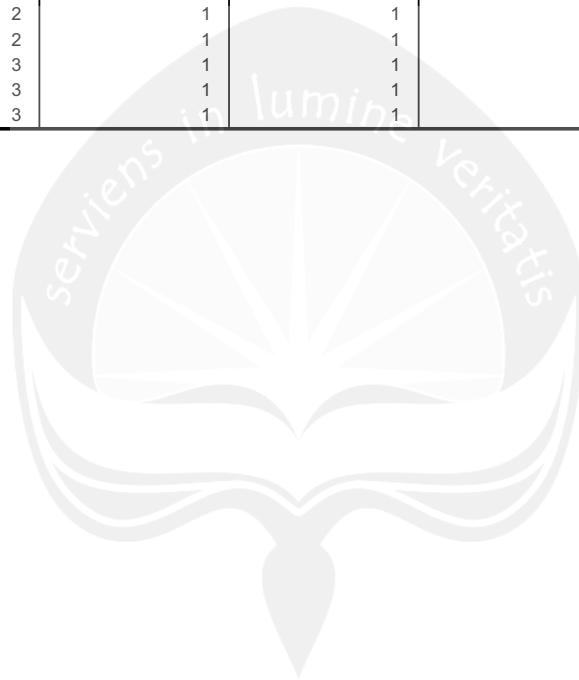


Case Summaries

| | faktor manusia 15 | faktor manusia 16 | faktor manusia 17 | faktor manusia 18 | faktor manusia 19 |
|----|-------------------|-------------------|-------------------|-------------------|-------------------|
| 1 | 3 | 1 | 1 | 2 | 2 |
| 2 | 3 | 2 | 1 | 3 | 3 |
| 3 | 3 | 1 | 1 | 3 | 3 |
| 4 | 2 | 1 | 1 | 2 | 2 |
| 5 | 3 | 2 | 1 | 3 | 3 |
| 6 | 3 | 1 | 1 | 3 | 3 |
| 7 | 3 | 1 | 1 | 3 | 3 |
| 8 | 2 | 1 | 1 | 2 | 2 |
| 9 | 4 | 2 | 2 | 4 | 4 |
| 10 | 3 | 2 | 1 | 3 | 3 |
| 11 | 4 | 1 | 2 | 4 | 3 |
| 12 | 3 | 1 | 1 | 3 | 3 |
| 13 | 3 | 1 | 1 | 2 | 2 |
| 14 | 2 | 1 | 1 | 2 | 2 |
| 15 | 3 | 2 | 1 | 3 | 3 |
| 16 | 3 | 1 | 1 | 3 | 2 |
| 17 | 3 | 1 | 1 | 3 | 3 |
| 18 | 3 | 1 | 1 | 3 | 3 |
| 19 | 3 | 1 | 1 | 2 | 2 |
| 20 | 3 | 1 | 1 | 3 | 3 |
| 21 | 3 | 1 | 1 | 3 | 3 |
| 22 | 3 | 1 | 1 | 3 | 3 |
| 23 | 3 | 1 | 1 | 3 | 3 |
| 24 | 3 | 1 | 1 | 2 | 2 |
| 25 | 3 | 2 | 1 | 3 | 3 |
| 26 | 2 | 1 | 1 | 2 | 2 |
| 27 | 4 | 2 | 2 | 4 | 4 |
| 28 | 3 | 1 | 1 | 3 | 3 |
| 29 | 3 | 1 | 1 | 3 | 3 |
| 30 | 2 | 1 | 1 | 2 | 3 |
| 31 | 3 | 1 | 1 | 3 | 3 |
| 32 | 2 | 1 | 1 | 2 | 2 |
| 33 | 2 | 1 | 1 | 2 | 2 |
| 34 | 3 | 1 | 1 | 2 | 2 |
| 35 | 3 | 1 | 1 | 2 | 3 |
| 36 | 4 | 2 | 1 | 4 | 3 |
| 37 | 2 | 1 | 1 | 2 | 2 |
| 38 | 3 | 1 | 1 | 3 | 3 |
| 39 | 4 | 1 | 1 | 4 | 3 |
| 40 | 3 | 1 | 1 | 3 | 3 |
| 41 | 3 | 1 | 1 | 2 | 2 |
| 42 | 4 | 2 | 1 | 4 | 4 |
| 43 | 2 | 1 | 1 | 2 | 2 |
| 44 | 3 | 1 | 1 | 3 | 3 |
| 45 | 3 | 1 | 1 | 3 | 3 |
| 46 | 2 | 1 | 1 | 2 | 2 |
| 47 | 3 | 1 | 1 | 3 | 2 |
| 48 | 2 | 1 | 1 | 2 | 2 |
| 49 | 2 | 1 | 1 | 2 | 2 |
| 50 | 3 | 1 | 1 | 3 | 3 |
| 51 | 3 | 1 | 1 | 3 | 3 |
| 52 | 2 | 1 | 1 | 2 | 2 |
| 53 | 3 | 1 | 1 | 3 | 3 |
| 54 | 3 | 2 | 1 | 3 | 3 |
| 55 | 2 | 1 | 1 | 2 | 2 |
| 56 | 4 | 2 | 2 | 4 | 4 |
| 57 | 3 | 1 | 1 | 3 | 3 |
| 58 | 3 | 2 | 1 | 3 | 3 |
| 59 | 3 | 1 | 1 | 3 | 3 |
| 60 | 3 | 1 | 1 | 3 | 3 |
| 61 | 3 | 1 | 1 | 3 | 3 |
| 62 | 2 | 1 | 1 | 2 | 3 |
| 63 | 2 | 1 | 1 | 2 | 2 |
| 64 | 3 | 1 | 1 | 2 | 2 |
| 65 | 2 | 1 | 1 | 2 | 2 |
| 66 | 2 | 1 | 1 | 2 | 3 |
| 67 | 3 | 1 | 1 | 3 | 3 |

Case Summaries

| | faktor manusia 15 | faktor manusia 16 | faktor manusia 17 | faktor manusia 18 | faktor manusia 19 |
|----|-------------------|-------------------|-------------------|-------------------|-------------------|
| 68 | 4 | 1 | 1 | 4 | 4 |
| 69 | 3 | 1 | 1 | 3 | 3 |
| 70 | 2 | 1 | 1 | 2 | 2 |
| 71 | 3 | 2 | 1 | 3 | 3 |
| 72 | 3 | 2 | 1 | 3 | 3 |
| 73 | 3 | 1 | 1 | 3 | 3 |
| 74 | 3 | 1 | 1 | 3 | 3 |
| 75 | 3 | 1 | 1 | 2 | 2 |
| 76 | 3 | 1 | 1 | 2 | 2 |
| 77 | 2 | 1 | 1 | 2 | 2 |
| 78 | 3 | 1 | 1 | 2 | 3 |
| 79 | 2 | 1 | 1 | 2 | 2 |
| 80 | 2 | 1 | 1 | 2 | 2 |
| 81 | 3 | 1 | 1 | 3 | 3 |
| 82 | 2 | 1 | 1 | 2 | 2 |
| 83 | 3 | 1 | 1 | 3 | 3 |
| 84 | 3 | 1 | 1 | 3 | 3 |
| 85 | 2 | 1 | 1 | 2 | 2 |
| 86 | 2 | 1 | 1 | 2 | 2 |
| 87 | 3 | 1 | 1 | 3 | 3 |
| 88 | 3 | 1 | 1 | 3 | 3 |
| 89 | 3 | 1 | 1 | 3 | 3 |

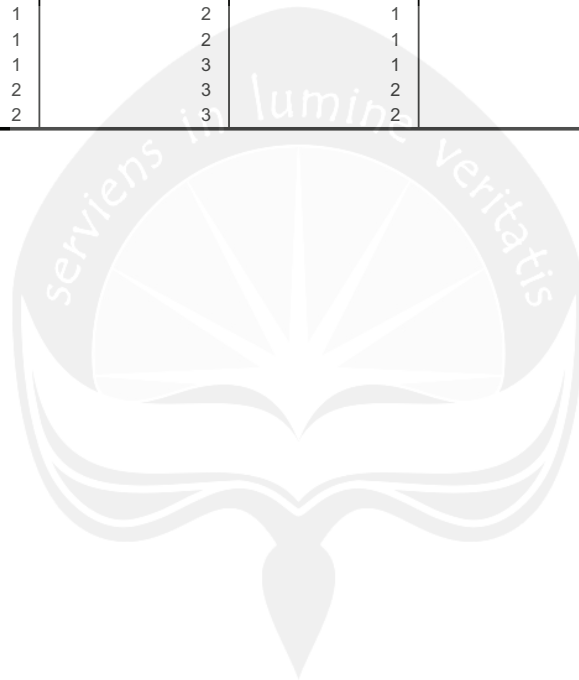


Case Summaries

| | faktor manusia 20 | faktor manusia 21 | faktor manusia 22 | faktor manusia 23 | faktor manusia 24 |
|----|-------------------|-------------------|-------------------|-------------------|-------------------|
| 1 | 1 | 2 | 1 | 2 | 1 |
| 2 | 2 | 3 | 2 | 3 | 2 |
| 3 | 1 | 3 | 1 | 3 | 1 |
| 4 | 1 | 2 | 1 | 2 | 1 |
| 5 | 2 | 3 | 2 | 3 | 2 |
| 6 | 1 | 3 | 1 | 3 | 1 |
| 7 | 1 | 3 | 1 | 3 | 1 |
| 8 | 1 | 3 | 1 | 4 | 1 |
| 9 | 2 | 3 | 2 | 4 | 2 |
| 10 | 2 | 3 | 2 | 3 | 1 |
| 11 | 2 | 3 | 2 | 4 | 2 |
| 12 | 1 | 3 | 1 | 3 | 1 |
| 13 | 1 | 2 | 1 | 2 | 1 |
| 14 | 1 | 2 | 1 | 2 | 1 |
| 15 | 2 | 3 | 2 | 3 | 2 |
| 16 | 1 | 3 | 1 | 3 | 1 |
| 17 | 1 | 3 | 2 | 3 | 2 |
| 18 | 2 | 3 | 2 | 3 | 2 |
| 19 | 1 | 2 | 1 | 2 | 1 |
| 20 | 2 | 3 | 2 | 3 | 2 |
| 21 | 2 | 3 | 2 | 3 | 2 |
| 22 | 1 | 3 | 1 | 3 | 1 |
| 23 | 1 | 3 | 1 | 3 | 1 |
| 24 | 1 | 2 | 1 | 2 | 1 |
| 25 | 2 | 3 | 2 | 3 | 2 |
| 26 | 1 | 2 | 1 | 2 | 1 |
| 27 | 2 | 3 | 2 | 3 | 1 |
| 28 | 1 | 3 | 1 | 3 | 1 |
| 29 | 1 | 3 | 1 | 3 | 1 |
| 30 | 1 | 2 | 1 | 2 | 1 |
| 31 | 1 | 3 | 1 | 3 | 1 |
| 32 | 1 | 2 | 1 | 2 | 1 |
| 33 | 1 | 2 | 1 | 2 | 1 |
| 34 | 1 | 2 | 1 | 3 | 1 |
| 35 | 1 | 2 | 1 | 2 | 1 |
| 36 | 2 | 3 | 2 | 4 | 2 |
| 37 | 1 | 2 | 1 | 2 | 1 |
| 38 | 1 | 3 | 1 | 3 | 1 |
| 39 | 2 | 3 | 2 | 3 | 1 |
| 40 | 1 | 3 | 1 | 3 | 1 |
| 41 | 1 | 2 | 2 | 2 | 1 |
| 42 | 2 | 3 | 2 | 3 | 1 |
| 43 | 1 | 2 | 1 | 2 | 1 |
| 44 | 1 | 3 | 1 | 3 | 1 |
| 45 | 2 | 3 | 2 | 3 | 1 |
| 46 | 1 | 2 | 1 | 2 | 1 |
| 47 | 2 | 3 | 2 | 3 | 1 |
| 48 | 2 | 2 | 2 | 3 | 1 |
| 49 | 1 | 2 | 1 | 2 | 1 |
| 50 | 2 | 3 | 1 | 3 | 1 |
| 51 | 2 | 3 | 2 | 3 | 2 |
| 52 | 2 | 2 | 2 | 2 | 1 |
| 53 | 1 | 3 | 1 | 3 | 1 |
| 54 | 2 | 3 | 2 | 3 | 1 |
| 55 | 1 | 2 | 1 | 2 | 1 |
| 56 | 3 | 3 | 3 | 4 | 1 |
| 57 | 1 | 3 | 1 | 3 | 1 |
| 58 | 2 | 3 | 2 | 3 | 1 |
| 59 | 1 | 3 | 1 | 3 | 1 |
| 60 | 1 | 3 | 1 | 3 | 1 |
| 61 | 2 | 3 | 2 | 3 | 1 |
| 62 | 1 | 2 | 1 | 2 | 1 |
| 63 | 1 | 2 | 1 | 2 | 1 |
| 64 | 1 | 2 | 1 | 3 | 1 |
| 65 | 1 | 2 | 1 | 2 | 1 |
| 66 | 1 | 2 | 1 | 2 | 1 |
| 67 | 1 | 3 | 1 | 3 | 1 |

Case Summaries

| | faktor manusia 20 | faktor manusia 21 | faktor manusia 22 | faktor manusia 23 | faktor manusia 24 |
|----|-------------------|-------------------|-------------------|-------------------|-------------------|
| 68 | 2 | 3 | 2 | 4 | 2 |
| 69 | 1 | 3 | 1 | 3 | 1 |
| 70 | 1 | 2 | 1 | 2 | 1 |
| 71 | 2 | 3 | 2 | 3 | 2 |
| 72 | 2 | 3 | 2 | 3 | 1 |
| 73 | 1 | 3 | 1 | 3 | 1 |
| 74 | 1 | 3 | 1 | 3 | 1 |
| 75 | 1 | 2 | 1 | 3 | 1 |
| 76 | 1 | 2 | 1 | 2 | 1 |
| 77 | 1 | 2 | 1 | 2 | 1 |
| 78 | 1 | 2 | 1 | 2 | 1 |
| 79 | 1 | 2 | 1 | 2 | 1 |
| 80 | 1 | 2 | 1 | 2 | 1 |
| 81 | 2 | 3 | 2 | 3 | 1 |
| 82 | 1 | 2 | 1 | 2 | 1 |
| 83 | 1 | 3 | 1 | 3 | 1 |
| 84 | 2 | 3 | 2 | 3 | 2 |
| 85 | 1 | 2 | 1 | 3 | 1 |
| 86 | 1 | 2 | 1 | 2 | 1 |
| 87 | 1 | 3 | 1 | 3 | 1 |
| 88 | 2 | 3 | 2 | 3 | 2 |
| 89 | 2 | 3 | 2 | 3 | 2 |

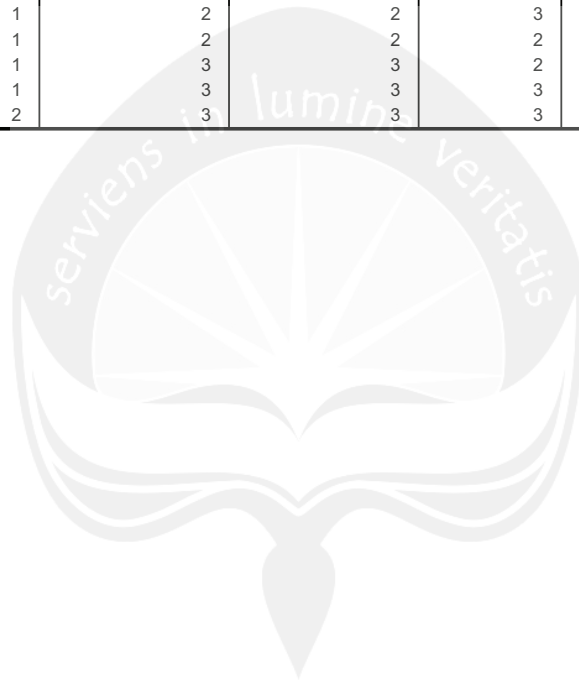


Case Summaries

| | faktor manusia 25 | faktor manusia 26 | faktor manusia 27 | Prosedur 1 | Prosedur 2 | Prosedur 3 |
|----|-------------------|-------------------|-------------------|------------|------------|------------|
| 1 | 1 | 2 | 2 | 3 | 3 | 4 |
| 2 | 1 | 3 | 2 | 3 | 3 | 4 |
| 3 | 1 | 3 | 3 | 3 | 4 | 4 |
| 4 | 1 | 2 | 2 | 3 | 3 | 4 |
| 5 | 2 | 4 | 3 | 3 | 4 | 4 |
| 6 | 1 | 4 | 3 | 3 | 4 | 4 |
| 7 | 1 | 4 | 3 | 3 | 3 | 4 |
| 8 | 1 | 2 | 2 | 3 | 3 | 4 |
| 9 | 2 | 4 | 4 | 3 | 4 | 4 |
| 10 | 1 | 3 | 3 | 3 | 3 | 4 |
| 11 | 2 | 4 | 3 | 3 | 3 | 4 |
| 12 | 1 | 3 | 3 | 3 | 4 | 4 |
| 13 | 1 | 2 | 2 | 3 | 4 | 4 |
| 14 | 1 | 2 | 2 | 3 | 3 | 4 |
| 15 | 1 | 4 | 3 | 3 | 4 | 4 |
| 16 | 1 | 2 | 2 | 3 | 3 | 3 |
| 17 | 1 | 3 | 3 | 3 | 3 | 3 |
| 18 | 2 | 3 | 3 | 3 | 3 | 3 |
| 19 | 1 | 2 | 2 | 3 | 3 | 3 |
| 20 | 2 | 3 | 3 | 2 | 2 | 2 |
| 21 | 1 | 3 | 3 | 3 | 3 | 3 |
| 22 | 1 | 3 | 2 | 2 | 3 | 2 |
| 23 | 1 | 3 | 3 | 3 | 3 | 4 |
| 24 | 1 | 2 | 2 | 2 | 3 | 3 |
| 25 | 1 | 3 | 2 | 3 | 3 | 3 |
| 26 | 1 | 2 | 2 | 3 | 3 | 3 |
| 27 | 1 | 4 | 2 | 3 | 3 | 3 |
| 28 | 1 | 3 | 3 | 3 | 3 | 3 |
| 29 | 1 | 3 | 2 | 3 | 4 | 4 |
| 30 | 1 | 3 | 2 | 2 | 4 | 4 |
| 31 | 1 | 3 | 3 | 3 | 4 | 4 |
| 32 | 1 | 2 | 2 | 3 | 4 | 4 |
| 33 | 1 | 2 | 2 | 3 | 3 | 3 |
| 34 | 1 | 2 | 2 | 3 | 3 | 3 |
| 35 | 1 | 3 | 2 | 3 | 3 | 3 |
| 36 | 1 | 4 | 3 | 3 | 3 | 4 |
| 37 | 1 | 2 | 2 | 3 | 4 | 4 |
| 38 | 1 | 3 | 3 | 3 | 3 | 3 |
| 39 | 1 | 3 | 3 | 3 | 3 | 3 |
| 40 | 1 | 3 | 3 | 3 | 4 | 4 |
| 41 | 1 | 2 | 2 | 3 | 3 | 3 |
| 42 | 1 | 4 | 3 | 3 | 3 | 3 |
| 43 | 1 | 2 | 2 | 2 | 3 | 3 |
| 44 | 1 | 3 | 3 | 3 | 3 | 4 |
| 45 | 1 | 4 | 3 | 3 | 3 | 3 |
| 46 | 1 | 2 | 2 | 3 | 3 | 4 |
| 47 | 1 | 2 | 2 | 3 | 4 | 4 |
| 48 | 1 | 2 | 2 | 3 | 3 | 3 |
| 49 | 1 | 4 | 2 | 3 | 3 | 4 |
| 50 | 1 | 4 | 3 | 3 | 3 | 3 |
| 51 | 1 | 3 | 3 | 3 | 3 | 3 |
| 52 | 2 | 4 | 2 | 4 | 3 | 3 |
| 53 | 1 | 4 | 2 | 3 | 4 | 4 |
| 54 | 1 | 3 | 3 | 3 | 3 | 4 |
| 55 | 1 | 2 | 2 | 3 | 4 | 4 |
| 56 | 1 | 4 | 3 | 3 | 3 | 3 |
| 57 | 1 | 3 | 3 | 3 | 3 | 3 |
| 58 | 1 | 3 | 2 | 3 | 3 | 3 |
| 59 | 1 | 3 | 2 | 3 | 4 | 4 |
| 60 | 1 | 3 | 3 | 3 | 3 | 3 |
| 61 | 1 | 3 | 2 | 3 | 3 | 3 |
| 62 | 1 | 3 | 2 | 3 | 3 | 3 |
| 63 | 1 | 4 | 2 | 3 | 3 | 4 |
| 64 | 1 | 2 | 2 | 3 | 3 | 3 |
| 65 | 1 | 2 | 2 | 3 | 3 | 4 |
| 66 | 1 | 3 | 2 | 3 | 3 | 3 |
| 67 | 1 | 3 | 3 | 3 | 4 | 4 |

Case Summaries

| | faktor manusia 25 | faktor manusia 26 | faktor manusia 27 | Prosedur 1 | Prosedur 2 | Prosedur 3 |
|----|-------------------|-------------------|-------------------|------------|------------|------------|
| 68 | 2 | 4 | 3 | 2 | 3 | 4 |
| 69 | 1 | 3 | 3 | 3 | 3 | 3 |
| 70 | 1 | 2 | 2 | 3 | 3 | 3 |
| 71 | 1 | 4 | 3 | 3 | 4 | 4 |
| 72 | 1 | 3 | 2 | 3 | 3 | 3 |
| 73 | 1 | 3 | 3 | 4 | 3 | 3 |
| 74 | 1 | 4 | 2 | 3 | 4 | 4 |
| 75 | 1 | 2 | 2 | 2 | 3 | 2 |
| 76 | 1 | 3 | 2 | 3 | 4 | 4 |
| 77 | 1 | 2 | 2 | 3 | 3 | 3 |
| 78 | 1 | 4 | 3 | 2 | 3 | 2 |
| 79 | 1 | 2 | 2 | 3 | 3 | 3 |
| 80 | 1 | 2 | 2 | 3 | 3 | 3 |
| 81 | 1 | 3 | 2 | 2 | 3 | 3 |
| 82 | 1 | 2 | 2 | 2 | 2 | 2 |
| 83 | 1 | 3 | 3 | 2 | 3 | 3 |
| 84 | 2 | 3 | 3 | 3 | 3 | 3 |
| 85 | 1 | 2 | 2 | 3 | 3 | 3 |
| 86 | 1 | 2 | 2 | 2 | 3 | 3 |
| 87 | 1 | 3 | 3 | 2 | 3 | 3 |
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| 89 | 2 | 3 | 3 | 3 | 3 | 3 |

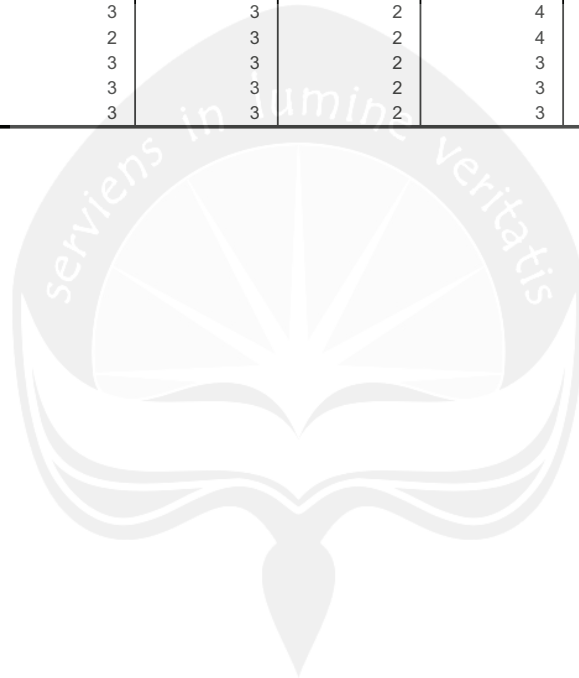


Case Summaries

| | Prosedur 4 | Prosedur 5 | Prosedur 6 | Prosedur 7 | Prosedur 8 | Prosedur 9 | Prosedur 10 |
|----|------------|------------|------------|------------|------------|------------|-------------|
| 1 | 2 | 4 | 3 | 2 | 4 | 2 | 3 |
| 2 | 2 | 4 | 3 | 2 | 4 | 2 | 3 |
| 3 | 2 | 4 | 3 | 1 | 4 | 2 | 3 |
| 4 | 2 | 4 | 3 | 2 | 4 | 2 | 3 |
| 5 | 2 | 4 | 3 | 2 | 4 | 2 | 3 |
| 6 | 2 | 4 | 3 | 2 | 4 | 2 | 4 |
| 7 | 3 | 4 | 3 | 2 | 4 | 2 | 4 |
| 8 | 2 | 4 | 3 | 2 | 4 | 2 | 4 |
| 9 | 2 | 4 | 3 | 2 | 4 | 2 | 4 |
| 10 | 2 | 4 | 3 | 2 | 3 | 2 | 4 |
| 11 | 3 | 4 | 3 | 2 | 3 | 2 | 4 |
| 12 | 2 | 4 | 3 | 2 | 3 | 2 | 3 |
| 13 | 3 | 3 | 3 | 1 | 3 | 1 | 3 |
| 14 | 3 | 3 | 3 | 2 | 3 | 2 | 4 |
| 15 | 2 | 3 | 3 | 2 | 3 | 2 | 3 |
| 16 | 2 | 3 | 3 | 2 | 3 | 2 | 3 |
| 17 | 2 | 3 | 3 | 2 | 4 | 2 | 3 |
| 18 | 3 | 3 | 4 | 2 | 3 | 2 | 4 |
| 19 | 2 | 3 | 3 | 2 | 3 | 1 | 4 |
| 20 | 3 | 2 | 3 | 2 | 3 | 2 | 3 |
| 21 | 2 | 3 | 3 | 2 | 3 | 2 | 3 |
| 22 | 2 | 3 | 4 | 2 | 3 | 2 | 4 |
| 23 | 3 | 3 | 3 | 2 | 3 | 2 | 4 |
| 24 | 3 | 3 | 3 | 1 | 4 | 1 | 4 |
| 25 | 2 | 3 | 3 | 2 | 3 | 2 | 4 |
| 26 | 3 | 3 | 3 | 2 | 3 | 2 | 3 |
| 27 | 2 | 3 | 3 | 2 | 3 | 2 | 3 |
| 28 | 2 | 3 | 3 | 2 | 3 | 2 | 4 |
| 29 | 2 | 3 | 3 | 2 | 3 | 2 | 4 |
| 30 | 2 | 3 | 3 | 2 | 3 | 2 | 3 |
| 31 | 2 | 3 | 3 | 2 | 3 | 1 | 3 |
| 32 | 2 | 3 | 3 | 2 | 3 | 2 | 4 |
| 33 | 2 | 3 | 3 | 2 | 4 | 2 | 3 |
| 34 | 2 | 3 | 3 | 2 | 3 | 2 | 3 |
| 35 | 3 | 3 | 3 | 2 | 3 | 2 | 3 |
| 36 | 3 | 3 | 3 | 2 | 3 | 2 | 4 |
| 37 | 2 | 4 | 3 | 2 | 4 | 2 | 4 |
| 38 | 2 | 2 | 3 | 2 | 3 | 2 | 4 |
| 39 | 2 | 3 | 3 | 2 | 4 | 2 | 4 |
| 40 | 2 | 3 | 3 | 2 | 3 | 2 | 3 |
| 41 | 2 | 2 | 3 | 2 | 3 | 1 | 3 |
| 42 | 2 | 2 | 2 | 1 | 4 | 1 | 4 |
| 43 | 2 | 3 | 3 | 2 | 3 | 2 | 3 |
| 44 | 3 | 4 | 3 | 2 | 4 | 2 | 4 |
| 45 | 3 | 3 | 3 | 2 | 3 | 1 | 3 |
| 46 | 2 | 4 | 3 | 1 | 3 | 1 | 3 |
| 47 | 3 | 3 | 3 | 2 | 3 | 2 | 3 |
| 48 | 2 | 3 | 3 | 2 | 3 | 2 | 3 |
| 49 | 2 | 3 | 3 | 2 | 3 | 2 | 3 |
| 50 | 3 | 3 | 3 | 2 | 4 | 2 | 3 |
| 51 | 2 | 2 | 3 | 2 | 3 | 2 | 3 |
| 52 | 2 | 3 | 3 | 2 | 3 | 2 | 3 |
| 53 | 3 | 3 | 3 | 1 | 3 | 1 | 3 |
| 54 | 2 | 3 | 3 | 2 | 4 | 2 | 3 |
| 55 | 2 | 3 | 3 | 1 | 3 | 1 | 3 |
| 56 | 2 | 2 | 2 | 2 | 3 | 2 | 3 |
| 57 | 3 | 3 | 3 | 2 | 3 | 1 | 3 |
| 58 | 2 | 2 | 2 | 1 | 3 | 1 | 4 |
| 59 | 2 | 4 | 3 | 1 | 4 | 2 | 4 |
| 60 | 2 | 3 | 3 | 2 | 4 | 2 | 3 |
| 61 | 2 | 2 | 2 | 1 | 3 | 1 | 4 |
| 62 | 2 | 3 | 3 | 2 | 3 | 2 | 4 |
| 63 | 2 | 3 | 3 | 2 | 3 | 1 | 3 |
| 64 | 3 | 3 | 2 | 2 | 3 | 2 | 3 |
| 65 | 2 | 3 | 3 | 2 | 3 | 2 | 3 |
| 66 | 2 | 3 | 3 | 2 | 4 | 1 | 4 |
| 67 | 3 | 3 | 3 | 2 | 3 | 2 | 3 |

Case Summaries

| | Prosedur 4 | Prosedur 5 | Prosedur 6 | Prosedur 7 | Prosedur 8 | Prosedur 9 | Prosedur 10 |
|----|------------|------------|------------|------------|------------|------------|-------------|
| 68 | 3 | 3 | 3 | 2 | 3 | 2 | 3 |
| 69 | 2 | 3 | 4 | 2 | 3 | 2 | 4 |
| 70 | 2 | 3 | 3 | 2 | 3 | 2 | 4 |
| 71 | 3 | 4 | 3 | 1 | 3 | 1 | 3 |
| 72 | 3 | 3 | 3 | 2 | 3 | 2 | 3 |
| 73 | 2 | 3 | 3 | 2 | 3 | 1 | 4 |
| 74 | 2 | 3 | 3 | 2 | 3 | 2 | 3 |
| 75 | 2 | 2 | 2 | 1 | 3 | 2 | 3 |
| 76 | 2 | 4 | 3 | 2 | 3 | 2 | 4 |
| 77 | 2 | 3 | 3 | 2 | 4 | 2 | 3 |
| 78 | 3 | 3 | 3 | 2 | 3 | 2 | 3 |
| 79 | 2 | 3 | 3 | 2 | 3 | 2 | 3 |
| 80 | 2 | 3 | 3 | 2 | 3 | 2 | 3 |
| 81 | 2 | 3 | 3 | 2 | 3 | 2 | 3 |
| 82 | 3 | 2 | 3 | 2 | 3 | 2 | 3 |
| 83 | 2 | 3 | 3 | 2 | 4 | 2 | 3 |
| 84 | 3 | 3 | 3 | 2 | 3 | 2 | 3 |
| 85 | 3 | 3 | 3 | 2 | 4 | 1 | 4 |
| 86 | 2 | 2 | 3 | 2 | 4 | 2 | 4 |
| 87 | 2 | 3 | 3 | 2 | 3 | 2 | 3 |
| 88 | 3 | 3 | 3 | 2 | 3 | 2 | 3 |
| 89 | 3 | 3 | 3 | 2 | 3 | 2 | 3 |



Descriptives

Descriptive Statistics

| | N | Minimum | Maximum | Mean | Std. Deviation |
|--------------------|----|---------|---------|--------|----------------|
| Faktor material | 89 | 1.22 | 2.33 | 1.6267 | .19837 |
| Faktor Lingkungan | 89 | 1.00 | 2.29 | 1.3323 | .25643 |
| Faktor manusia | 89 | 1.48 | 2.89 | 1.9655 | .32074 |
| Valid N (listwise) | 89 | | | | |

