# **LAMPIRAN**

## Lampiran 1. Kuesioner Penelitian

**KUESIONER PENELITIAN : KESADARAN LINGKUNGAN MASYARAKAT (PERILAKU PENGELOLAAN SAMPAH ORGANIK RUMAH TANGGA)**

Oleh : Afifah Zahra

Nama Subject :

Berikan penilaian dari pernyataan di bawah ini (1=sangat tidak setuju, 2=tidak setuju, 3=setuju, 4=sangat setuju). Beri tanda centang (√) pada kolom tersedia sesuai dengan keadaan sebenarnya dari pertanyaaan di bawah ini.

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| No. | Pernyataan | | Jawaban | | | | | | | |
| 1 | | 2 | | | 3 | | 4 |
| 1. | Saya telah menyediakan tempat sampah di dalam rumah | |  | |  | | |  | |  |
| 2. | Saya menyediakan tempat sampah tertutup di dalam rumah | |  | |  | | |  | |  |
| 3. | Saya menyediakan 2 jenis tempat sampah : sampah mudah terurai dan tidak mudah terurai | |  | |  | | |  | |  |
| 4. | Saya memilah sampah menjadi 2 : sampah mudah terurai dan sampah tidak mudah terurai | |  | |  | | |  | |  |
| 5. | Saya membuang sampah sisa dapur, sisa kegiatan berkebun dan sisa berternak pada tempat sampah mudah terurai | |  | |  | | |  | |  |
| 6. | Saya membuang sampah plastik dan kemasan makanan pada tempat sampah tidak mudah terurai | |  | |  | | |  | |  |
| 7. | Saya langsung membuang sampah di pekarangan rumah | |  | |  | | |  | |  |
| 8. | Saya menggunakan sampah organik kembali sebagai pakan ternak | |  | |  | | |  | |  |
| 9. | Saya mengelola sampah dengan dibakar | |  | |  | | |  | |  |
| 10 | Saya mengolah sampah menjadi pupuk kompos | |  | |  | | |  | |  |
| 11. | Saya sadar bawah saya memiliki peranan penting dalam pengelolaan sampah | |  | |  | | |  | |  |
| No. | | Pernyataan | | Jawaban | | | | | | | |
| 1 | | 2 | 3 | | 4 | | |
| 12. | | Menurut saya pemerintah daerah adalah pihak yang bertanggung jawab terhadap permasalahan sampah | |  | |  |  | |  | | |
| 13. | | Saya bersedia berperan dalam pengelolaan sampah minimal di lingkungan sekitar rumah | |  | |  |  | |  | | |
| 14. | | Saya bersedia melakukan pemilahan sampah di rumah | |  | |  |  | |  | | |
| 15. | | Saya hanya bersedia berperan dalam pengelolaan apabila mendapatkan keuntungan | |  | |  |  | |  | | |
| Beri tanda silang (X) pada angka yang sesuai dengan keadaan sebenarnya dari pertanyaan di bawah ini | | | | | | | | | | | |
| 1. | | Apa alasan bapak/ibu tidak memilah sampah di rumah menjadi 2 (mudah terurai dan tidak mudah terurai)?   1. Tidak ada alasan, saya sudah memilah sampah 2. Malas 3. Tidak menguntungkan 4. Tidak memiliki tempat 5. Tidak ada waktu 6. Lainnya…   (diisikan alasannya) | |  | | | | | | | |
| 2. | | Bagaimana bapak/ibu mengelola sampah mudah terurai atau sampah dapur?   1. Digunakan kembali (sebagai pupuk atau diberikan sebagai pakan ternak) 2. Ditampung ke tempat penampungan dan diangkut oleh petugas 3. Dibuang sembarang 4. Dibakar 5. Lainnya…   (sebutkan cara pengelolaan yang dilakukan) | |  | | | | | | | |

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| --- | --- | --- |
| 3. | Apakah alasan bapak/ ibu mengelola sampah dengan dibuang sembarang atau dibakar   1. Saya tidak mengelola sampah dengan dibuang sembarang / dibakar 2. Tempat penampungan sementara terlalu jauh 3. Pengangkutan sampah terlalu lama dilakukan sehingga timbulan sampah sudah menumpuk 4. Cara tersebut adalah cara tercepat dan termudah 5. Belum mengetahui terkait cara yang ideal dalam pengelolaan sampah 6. Lainnya…   (isikan alasannya) |  |
| 4. | Apabila dilakukan pengolahan sampah di lingkungan sekitar bapak/ibu. Apa yang menjadi perhatian utama bapak/ibu?   1. Keamanan dan kenyamanan (tidak menimbulkan bau, tidak menimbulkan bising, tidak membahayakan masyarakat, dan tidak berdampak pada kesehatan) 2. Dampak pada lingkungan sekitar 3. Keuntungan timbal balik (materi/non materi) 4. Lainnya...   (isikan jawabannya) |  |
| 5. | Apabila bapak/ibu diminta untuk berperan dalam pengelolaan sampah di lingkungan bapak/ibu. Apa motivasi terbesar yang mendorong kesediaan bapak/ibu untuk berpartisipasi dalam pengelolaan sampah di lingkungan bapak/ibu?   1. Keuntungan ekonomi 2. Kepedulian pada lingkungan dan kesehatan 3. Lainnya…   (isikan jawabannya) |  |

## Lampiran 2. Pre-test dan Post-test

**KUESIONER PENELITIAN : PENGETAHUAN LINGKUNGAN MASYARAKAT (PENGETAHUAN TERKAIT PENGELOLAAN SAMPAH ORGANIK RUMAH TANGGA)**

Oleh : Afifah Zahra

Nama Subject :

Berikan penilaian dari pernyataan di bawah ini (1=sangat tidak setuju, 2=tidak setuju, 3=setuju, 4=sangat setuju). Beri tanda centang (√) pada kolom tersedia sesuai dengan keadaan sebenarnya dari pertanyaaan di bawah ini.

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| No. | Pernyataan | Jawaban | | | |
| 1 | 2 | 3 | 4 |
| 1. | Sampah adalah sisa kegiatan manusia yang sudah tidak memiliki nilai ekonomi |  |  |  |  |
| 2. | Sampah masih dapat bernilai ekonomi apabila dilakukan pengolahan |  |  |  |  |
| 3. | Sampah dapat langsung dibuang tanpa melalui tahapan pengolahan |  |  |  |  |
| 4. | Timbulan sampah dapat berdampak pada tercemarnya lingkungan, masyarakat tergantung, dan menimbulkan bau |  |  |  |  |
| 5. | Sampah dapat langsung diolah dalam keadaan tercampur tanpa dipilah |  |  |  |  |
| 6. | Proses pengelolaan sampah yang benar : pemilahan, pengumpulan, pengangkutan, pengolahan, pemrosesan akhir |  |  |  |  |
| 7. | Pemilahan sederhana di rumah dapat dilakukan dengan memilih menjadi 2 : mudah terurai dan tidak mudah terurai |  |  |  |  |
| 8. | Sampah mudah terurai adalah sampah yang mudah diurai oleh alam |  |  |  |  |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| No | Pernyataan | Jawaban | | | |
| 1 | 2 | 3 | 4 |
| 9. | Contoh sampah mudah terurai adalah sisa aktivitas dapur, sisa sayur dan buah, sisa kegiatan bertani dan berternak |  |  |  |  |
| 10. | Sampah tidak mudah terurai adalah sampah yang tidak mudah terurai oleh alam atau memerlukan teknologi untuk pengolahan |  |  |  |  |
| 11. | Contoh sampah tidak mudah terurai : plastik |  |  |  |  |
| 12. | Penampungan sampah yang ideal adalah sampah tertutup |  |  |  |  |
| 13. | Sampah idealnya diangkut setiap hari |  |  |  |  |
| 14. | Cara pengolahan sampah memiliki manfaat dan dampaknya masing-masing |  |  |  |  |
| 15. | Membakar sampah dapat menyebabkan polusi udara dan menyebabkan gangguan pernafasan |  |  |  |  |
| 16. | Membuang sampah sembarangan atau menimbun sampah dapat menyebabkan tanah tercemar |  |  |  |  |
| 17. | Sampah organik dapat diolah kembali dengan menggunakan serangga menghasilkan pupuk dan pakan ternak |  |  |  |  |
| 18. | Hasil dari pengolahan sampah organik dapat bernilai ekonomi |  |  |  |  |
| 19. | Pengolahan sampah organik dengan serangga dapat dilakukan dengan fasilitas sederhana |  |  |  |  |
| 20 | Pengolahan sampah organik dengan serangga tidak menyebabkan bau |  |  |  |  |
| 21 | Pengolahan sampah organik dengan serangga dapat mengurangi timbulan sampah tanpa menimbulkan dampak lingkungan |  |  |  |  |

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| --- | --- | --- | --- | --- | --- |
| No | Pernyataan | Jawaban | | | |
| 1 | 2 | 3 | 4 |
| 22. | Pengolahan sampah organik dengan serangga tidak memiliki dampak pada kesehatan masyarakat |  |  |  |  |
| 23. | Seluruh masyarakat memiliki peran penting dalam pengelolaan sampah |  |  |  |  |
| 24 | Dalam pengelolaan sampah memerlukan kerja sama antara berbagai pihak termasuk masyarakat dan pemerintah daerah |  |  |  |  |
| 25 | Pihak paling bertanggung jawab terhadap masalah sampah adalah pemerintah daerah |  |  |  |  |

## Lampiran 3. Hasil SPSS

Uji validitas pengetahuan

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Item-Total Statistics** | | | | |
|  | Scale Mean if Item Deleted | Scale Variance if Item Deleted | Corrected Item-Total Correlation | Cronbach's Alpha if Item Deleted |
| Pengetahuan1 | 75.0000 | 81.931 | .861 | .934 |
| Pengetahuan2 | 75.1000 | 84.231 | .617 | .937 |
| Pengetahuan3 | 77.1000 | 83.679 | .679 | .936 |
| pengetahuan4 | 75.2000 | 84.097 | .397 | .941 |
| pengetahuan5 | 77.0000 | 81.931 | .861 | .934 |
| pengetahuan6 | 75.0333 | 84.792 | .543 | .938 |
| pengetahuan7 | 75.1000 | 84.024 | .456 | .939 |
| pengetahuan8 | 75.0667 | 83.513 | .690 | .936 |
| pengetahuan9 | 75.1667 | 84.902 | .565 | .938 |
| pengetahuan10 | 75.0667 | 85.789 | .437 | .939 |
| pengetahuan11 | 75.2000 | 84.028 | .592 | .937 |
| pengetahuan12 | 75.3667 | 83.137 | .639 | .936 |
| pengetahuan13 | 75.4667 | 83.223 | .339 | .944 |
| pengetahuan14 | 75.1000 | 83.541 | .608 | .937 |
| pengetahuan15 | 74.9667 | 83.137 | .639 | .936 |
| pengetahuan16 | 75.0000 | 82.483 | .799 | .935 |
| pengetahuan17 | 75.0667 | 83.720 | .666 | .936 |
| pengetahuan18 | 75.0333 | 84.033 | .627 | .937 |
| pengetahuan19 | 75.6000 | 80.524 | .482 | .942 |
| pengetahuan20 | 75.0000 | 81.931 | .861 | .934 |
| pengetahuan21 | 75.0000 | 81.931 | .861 | .934 |
| pengetahuan22 | 75.2667 | 82.133 | .565 | .938 |
| pengetahuan23 | 74.9667 | 82.378 | .813 | .935 |
| pengetahuan24 | 75.0333 | 82.861 | .667 | .936 |
| pengetahuan25 | 77.1000 | 83.679 | .679 | .936 |

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| **Reliability Statistics** | |
| Cronbach's Alpha | N of Items |
| .939 | 25 |

Uji validitas kesadaran

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| --- | --- | --- | --- | --- |
| **Item-Total Statistics** | | | | |
|  | Scale Mean if Item Deleted | Scale Variance if Item Deleted | Corrected Item-Total Correlation | Cronbach's Alpha if Item Deleted |
| kesadaran1 | 38.1000 | 58.093 | .424 | .937 |
| kesadaran2 | 40.7333 | 51.513 | .916 | .927 |
| kesadaran3 | 40.7333 | 51.513 | .916 | .927 |
| kesadaran4 | 40.7333 | 51.513 | .916 | .927 |
| kesadaran5 | 40.7667 | 52.116 | .871 | .929 |
| kesadaran6 | 40.6333 | 50.378 | .809 | .930 |
| kesadaran7 | 40.6333 | 51.344 | .721 | .932 |
| kesadaran8 | 40.8000 | 54.234 | .728 | .932 |
| kesadaran9 | 38.2333 | 58.047 | .341 | .938 |
| kesadaran10 | 40.6667 | 51.333 | .831 | .929 |
| kesadaran11 | 38.1000 | 58.093 | .424 | .937 |
| kesadaran12 | 40.7333 | 51.513 | .916 | .927 |
| kesadaran13 | 38.1333 | 58.257 | .364 | .937 |
| kesadaran14 | 38.1000 | 58.093 | .424 | .937 |
| kesadaran15 | 40.5667 | 51.702 | .640 | .935 |
| kesadaran16 | 38.2333 | 58.047 | .341 | .938 |
| kesadaran17 | 38.2333 | 58.047 | .341 | .938 |
| kesadaran18 | 40.8667 | 58.395 | .574 | .936 |
| kesadaran19 | 40.8667 | 58.395 | .574 | .936 |
| kesadaran20 | 40.8667 | 58.395 | .574 | .936 |

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| **Reliability Statistics** | |
| Cronbach's Alpha | N of Items |
| .937 | 20 |

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| **Statistics** | | | |
|  | | nilai\_pengetahuan | nilai\_kesadaran |
| N | Valid | 114 | 114 |
| Missing | 0 | 0 |
| Mean | | 95.3421 | 37.2982 |
| Std. Deviation | | 5.00058 | 3.66019 |
| Minimum | | 79.00 | 31.00 |
| Maximum | | 100.00 | 51.00 |

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| **Tingkat\_Pengetahuan** | | | | | |
|  | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Tingkat Pengetahuan Rendah | 76 | 66.7 | 66.7 | 66.7 |
| Tingkat Pengetahuan Tinggi | 38 | 33.3 | 33.3 | 100.0 |
| Total | 114 | 100.0 | 100.0 |  |

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| **Tingkat\_PengetahuanPost** | | | | | |
|  | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Tingkat Pengetahuan Rendah | 80 | 70.2 | 70.2 | 70.2 |
| Tingkat Pengetahuan Tinggi | 34 | 29.8 | 29.8 | 100.0 |
| Total | 114 | 100.0 | 100.0 |  |

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| --- | --- | --- | --- | --- | --- |
| **Tingkat\_kesadaran** | | | | | |
|  | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Tingkat kesadaran rendah | 71 | 62.3 | 62.3 | 62.3 |
| tingkat kesadaran tinggi | 43 | 37.7 | 37.7 | 100.0 |
| Total | 114 | 100.0 | 100.0 |  |

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| --- | --- | --- | --- | --- | --- |
| **Tingkat\_Kesadaranpost** | | | | | |
|  | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Tingkat Kesadaran Rendah | 18 | 15.8 | 15.8 | 15.8 |
| Tingkat Kesadaran Tinggi | 96 | 84.2 | 84.2 | 100.0 |
| Total | 114 | 100.0 | 100.0 |  |

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| --- | --- | --- | --- |
| **Ranks** | | | |
|  | Jenis\_sampah | N | Mean Rank |
| biomassa\_produk | sampah dari warga | 27 | 19.00 |
| sisa pemotongan ikan | 6 | 8.00 |
| sampah campuran | 6 | 36.50 |
| Total | 39 |  |

|  |  |
| --- | --- |
| **Test Statisticsa,b** | |
|  | biomassa\_produk |
| Chi-Square | 21.865 |
| df | 2 |
| Asymp. Sig. | .000 |
| a. Kruskal Wallis Test | |
| b. Grouping Variable: Jenis\_sampah | |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Descriptive Statistics** | | | | | |
|  | N | Mean | Std. Deviation | Minimum | Maximum |
| WRI | 6 | 58.8333 | 16.32644 | 36.97 | 83.52 |
| Jenis\_sampah | 6 | 1.0000 | .89443 | .00 | 2.00 |

|  |  |  |  |
| --- | --- | --- | --- |
| **Ranks** | | | |
|  | Jenis\_sampah | N | Mean Rank |
| WRI | sampah dari warga | 2 | 2.50 |
| sisa pemotongan ikan | 2 | 4.00 |
| sampah campuran | 2 | 4.00 |
| Total | 6 |  |

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| --- | --- | --- | --- | --- | --- |
| **Descriptive Statistics** | | | | | |
|  | N | Mean | Std. Deviation | Minimum | Maximum |
| efisiensi\_konversi | 6 | 35.2250 | 22.59951 | 15.40 | 76.89 |
| Jenis\_sampah | 6 | 1.0000 | .89443 | .00 | 2.00 |

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| --- | --- | --- | --- |
| **Ranks** | | | |
|  | Jenis\_sampah | N | Mean Rank |
| efisiensi\_konversi | sampah dari warga | 2 | 5.50 |
| sisa pemotongan ikan | 2 | 2.50 |
| sampah campuran | 2 | 2.50 |
| Total | 6 |  |

|  |  |
| --- | --- |
| **Test Statisticsa,b** | |
|  | efisiensi\_konversi |
| Chi-Square | 3.429 |
| df | 2 |
| Asymp. Sig. | .180 |
| a. Kruskal Wallis Test | |
| b. Grouping Variable: Jenis\_sampah | |

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| --- | --- |
| **Test Statisticsa,b** | |
|  | WRI |
| Chi-Square | .857 |
| df | 2 |
| Asymp. Sig. | .651 |
| a. Kruskal Wallis Test | |
| b. Grouping Variable: Jenis\_sampah | |

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| --- | --- | --- | --- | --- | --- |
| **kesadaran4** | | | | | |
|  | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Sangat tidak setuju | 108 | 94.7 | 94.7 | 94.7 |
| tidak setuju | 1 | .9 | .9 | 95.6 |
| setuju | 1 | .9 | .9 | 96.5 |
| sangat setuju | 4 | 3.5 | 3.5 | 100.0 |
| Total | 114 | 100.0 | 100.0 |  |

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| --- | --- | --- | --- | --- | --- |
| **kesadaran17** | | | | | |
|  | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | digunakan kembali (sebagai pupuk atau pakan) | 15 | 13.2 | 13.2 | 13.2 |
| ditampung ke tempat penampungan | 51 | 44.7 | 44.7 | 57.9 |
| dibuang sembarangan | 4 | 3.5 | 3.5 | 61.4 |
| dibakar | 44 | 38.6 | 38.6 | 100.0 |
| Total | 114 | 100.0 | 100.0 |  |

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| --- | --- | --- | --- | --- | --- |
| **kesadaran16** | | | | | |
|  | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Tidak ada alasan, sudah memilah sampah | 5 | 4.4 | 4.4 | 4.4 |
| malas | 19 | 16.7 | 16.7 | 21.1 |
| tidak menguntungkan | 1 | .9 | .9 | 21.9 |
| tidak memiliki tempat | 76 | 66.7 | 66.7 | 88.6 |
| lainnya | 13 | 11.4 | 11.4 | 100.0 |
| Total | 114 | 100.0 | 100.0 |  |

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| --- | --- | --- | --- | --- | --- |
| **kesadaran18** | | | | | |
|  | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | saya tidak membakar atau membuang sembarangan | 53 | 46.5 | 46.5 | 46.5 |
| tempat penampungan terlalu jauh | 50 | 43.9 | 43.9 | 90.4 |
| Pengangkutan sampah terlalu lama dilakukan | 10 | 8.8 | 8.8 | 99.1 |
| cara tersebut adalah cara tercepat dan termudah | 1 | .9 | .9 | 100.0 |
| Total | 114 | 100.0 | 100.0 |  |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **kesadaran19** | | | | | |
|  | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | keamanan dan kenyamanan | 3 | 2.6 | 2.6 | 2.6 |
| dampak pada lingkungan sekitar | 109 | 95.6 | 95.6 | 98.2 |
| keuntungan timbal balik | 2 | 1.8 | 1.8 | 100.0 |
| Total | 114 | 100.0 | 100.0 |  |

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| --- | --- | --- | --- | --- | --- |
| **kesadaranpost4** | | | | | |
|  | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Sangat tidak setuju | 85 | 74.6 | 74.6 | 74.6 |
| sangat setuju | 29 | 25.4 | 25.4 | 100.0 |
| Total | 114 | 100.0 | 100.0 |  |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **kesadaranpost16** | | | | | |
|  | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Tidak ada alasan, sudah memilah sampah | 29 | 25.4 | 25.4 | 25.4 |
| malas | 14 | 12.3 | 12.3 | 37.7 |
| tidak memiliki tempat | 59 | 51.8 | 51.8 | 89.5 |
| lainnya | 12 | 10.5 | 10.5 | 100.0 |
| Total | 114 | 100.0 | 100.0 |  |

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| --- | --- | --- | --- | --- | --- |
| **kesadaranpost17** | | | | | |
|  | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | digunakan kembali (sebagai pupuk atau pakan) | 14 | 12.3 | 12.3 | 12.3 |
| ditampung ke tempat penampungan | 90 | 78.9 | 78.9 | 91.2 |
| dibakar | 10 | 8.8 | 8.8 | 100.0 |
| Total | 114 | 100.0 | 100.0 |  |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **kesadaranpost18** | | | | | |
|  | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | saya tidak membakar atau membuang sembarangan | 96 | 84.2 | 84.2 | 84.2 |
| tempat penampungan terlalu jauh | 13 | 11.4 | 11.4 | 95.6 |
| Pengangkutan sampah terlalu lama dilakukan | 5 | 4.4 | 4.4 | 100.0 |
| Total | 114 | 100.0 | 100.0 |  |

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| --- | --- | --- | --- | --- | --- |
| **kesadaranpost19** | | | | | |
|  | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | keamanan dan kenyamanan | 3 | 2.6 | 2.6 | 2.6 |
| dampak pada lingkungan sekitar | 109 | 95.6 | 95.6 | 98.2 |
| keuntungan timbal balik | 2 | 1.8 | 1.8 | 100.0 |
| Total | 114 | 100.0 | 100.0 |  |

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| **Paired Samples Statistics** | | | | | |
|  | | Mean | N | Std. Deviation | Std. Error Mean |
| Pair 1 | nilai\_pengetahuan | 95.3421 | 114 | 5.00058 | .46835 |
| Nilai\_pengetahuanpost | 96.2018 | 114 | 4.98703 | .46708 |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Paired Samples Correlations** | | | | |
|  | | N | Correlation | Sig. |
| Pair 1 | nilai\_pengetahuan & Nilai\_pengetahuanpost | 114 | .978 | .000 |

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Paired Samples Test** | | | | | | | | | |
|  | | Paired Differences | | | | | t | df | Sig. (2-tailed) |
| Mean | Std. Deviation | Std. Error Mean | 95% Confidence Interval of the Difference | |
| Lower | Upper |
| Pair 1 | nilai\_pengetahuan - Nilai\_pengetahuanpost | -.85965 | 1.03801 | .09722 | -1.05226 | -.66704 | -8.842 | 113 | .000 |

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| **Paired Samples Statistics** | | | | | |
|  | | Mean | N | Std. Deviation | Std. Error Mean |
| Pair 1 | nilai\_kesadaran | 37.2982 | 114 | 3.66019 | .34281 |
| Nilai\_kesadaranpost | 43.5439 | 114 | 5.82965 | .54600 |

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| **Paired Samples Correlations** | | | | |
|  | | N | Correlation | Sig. |
| Pair 1 | nilai\_kesadaran & Nilai\_kesadaranpost | 114 | .078 | .411 |

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| **Paired Samples Test** | | | | | | | | | | |
|  | | Paired Differences | | | | | t | df | Sig. (2-tailed) |
| Mean | Std. Deviation | Std. Error Mean | 95% Confidence Interval of the Difference | |
| Lower | Upper |
| Pair 1 | nilai\_kesadaran - Nilai\_kesadaranpost | -6.24561 | 6.63800 | .62171 | -7.47732 | -5.01390 | -10.046 | 113 | .000 |

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| --- | --- | --- | --- | --- | --- | --- |
| **Case Processing Summary** | | | | | | |
|  | Cases | | | | | |
| Valid | | Missing | | Total | |
| N | Percent | N | Percent | N | Percent |
| Tingkat\_Pengetahuan \* Tingkat\_kesadaran | 114 | 100.0% | 0 | 0.0% | 114 | 100.0% |

|  |  |  |  |  |  |
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| **Tingkat\_Pengetahuan \* Tingkat\_kesadaran Crosstabulation** | | | | | |
|  | | | Tingkat\_kesadaran | | Total |
| Tingkat kesadaran rendah | tingkat kesadaran tinggi |
| Tingkat\_Pengetahuan | Tingkat Pengetahuan Rendah | Count | 55 | 21 | 76 |
| % within Tingkat\_Pengetahuan | 72.4% | 27.6% | 100.0% |
| Tingkat Pengetahuan Tinggi | Count | 16 | 22 | 38 |
| % within Tingkat\_Pengetahuan | 42.1% | 57.9% | 100.0% |
| Total | | Count | 71 | 43 | 114 |
| % within Tingkat\_Pengetahuan | 62.3% | 37.7% | 100.0% |

|  |  |  |  |  |  |
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| **Chi-Square Tests** | | | | | |
|  | Value | df | Asymp. Sig. (2-sided) | Exact Sig. (2-sided) | Exact Sig. (1-sided) |
| Pearson Chi-Square | 9.877a | 1 | .002 |  |  |
| Continuity Correctionb | 8.630 | 1 | .003 |  |  |
| Likelihood Ratio | 9.767 | 1 | .002 |  |  |
| Fisher's Exact Test |  |  |  | .002 | .002 |
| Linear-by-Linear Association | 9.790 | 1 | .002 |  |  |
| N of Valid Cases | 114 |  |  |  |  |
| a. 0 cells (0.0%) have expected count less than 5. The minimum expected count is 14.33. | | | | | |
| b. Computed only for a 2x2 table | | | | | |

|  |  |  |  |
| --- | --- | --- | --- |
| **Risk Estimate** | | | |
|  | Value | 95% Confidence Interval | |
| Lower | Upper |
| Odds Ratio for Tingkat\_Pengetahuan (Tingkat Pengetahuan Rendah / Tingkat Pengetahuan Tinggi) | 3.601 | 1.591 | 8.152 |
| For cohort Tingkat\_kesadaran = Tingkat kesadaran rendah | 1.719 | 1.155 | 2.559 |
| For cohort Tingkat\_kesadaran = tingkat kesadaran tinggi | .477 | .303 | .751 |
| N of Valid Cases | 114 |  |  |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Case Processing Summary** | | | | | | |
|  | Cases | | | | | |
| Valid | | Missing | | Total | |
| N | Percent | N | Percent | N | Percent |
| Tingkat\_PengetahuanPost \* Tingkat\_Kesadaranpost | 114 | 100.0% | 0 | 0.0% | 114 | 100.0% |

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| --- | --- | --- | --- | --- | --- |
| **Tingkat\_PengetahuanPost \* Tingkat\_Kesadaranpost Crosstabulation** | | | | | |
|  | | | Tingkat\_Kesadaranpost | | Total |
| Tingkat Kesadaran Rendah | Tingkat Kesadaran Tinggi |
| Tingkat\_PengetahuanPost | Tingkat Pengetahuan Rendah | Count | 13 | 67 | 80 |
| % within Tingkat\_PengetahuanPost | 16.3% | 83.8% | 100.0% |
| Tingkat Pengetahuan Tinggi | Count | 5 | 29 | 34 |
| % within Tingkat\_PengetahuanPost | 14.7% | 85.3% | 100.0% |
| Total | | Count | 18 | 96 | 114 |
| % within Tingkat\_PengetahuanPost | 15.8% | 84.2% | 100.0% |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Chi-Square Tests** | | | | | |
|  | Value | df | Asymp. Sig. (2-sided) | Exact Sig. (2-sided) | Exact Sig. (1-sided) |
| Pearson Chi-Square | .043a | 1 | .836 |  |  |
| Continuity Correctionb | .000 | 1 | 1.000 |  |  |
| Likelihood Ratio | .043 | 1 | .835 |  |  |
| Fisher's Exact Test |  |  |  | 1.000 | .540 |
| Linear-by-Linear Association | .042 | 1 | .837 |  |  |
| N of Valid Cases | 114 |  |  |  |  |
| a. 0 cells (0.0%) have expected count less than 5. The minimum expected count is 5.37. | | | | | |
| b. Computed only for a 2x2 table | | | | | |

|  |  |  |  |
| --- | --- | --- | --- |
| **Risk Estimate** | | | |
|  | Value | 95% Confidence Interval | |
| Lower | Upper |
| Odds Ratio for Tingkat\_PengetahuanPost (Tingkat Pengetahuan Rendah / Tingkat Pengetahuan Tinggi) | 1.125 | .367 | 3.448 |
| For cohort Tingkat\_Kesadaranpost = Tingkat Kesadaran Rendah | 1.105 | .427 | 2.858 |
| For cohort Tingkat\_Kesadaranpost = Tingkat Kesadaran Tinggi | .982 | .829 | 1.163 |
| N of Valid Cases | 114 |  |  |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Tests of Normality** | | | | | | |
|  | Kolmogorov-Smirnova | | | Shapiro-Wilk | | |
| Statistic | df | Sig. | Statistic | df | Sig. |
| nilai\_pengetahuan | .492 | 6 | .000 | .496 | 6 | .000 |
| nilai\_kesadaran | .492 | 6 | .000 | .496 | 6 | .000 |
| Nilai\_pengetahuanpost | .492 | 6 | .000 | .496 | 6 | .000 |
| Nilai\_kesadaranpost | .492 | 6 | .000 | .496 | 6 | .000 |
| WRI | .145 | 6 | .200\* | .992 | 6 | .994 |
| biomassa\_produk | .237 | 6 | .200\* | .905 | 6 | .401 |
| efisiensi\_konversi | .280 | 6 | .153 | .843 | 6 | .139 |
| \*. This is a lower bound of the true significance. | | | | | | |
| a. Lilliefors Significance Correction | | | | | | |

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| --- | --- | --- | --- | --- | --- |
| **Paired Samples Statistics** | | | | | |
|  | | Mean | N | Std. Deviation | Std. Error Mean |
| Pair 1 | sampah\_semula | 36.4017 | 6 | 31.23679 | 12.75236 |
| sampah\_sisa | 15.0333 | 6 | 13.64293 | 5.56970 |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Paired Samples Correlations** | | | | |
|  | | N | Correlation | Sig. |
| Pair 1 | sampah\_semula & sampah\_sisa | 6 | .926 | .008 |

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| **Paired Samples Test** | | | | | | | | | |
|  | | Paired Differences | | | | | t | df | Sig. (2-tailed) |
| Mean | Std. Deviation | Std. Error Mean | 95% Confidence Interval of the Difference | |
| Lower | Upper |
| Pair 1 | sampah\_semula - sampah\_sisa | 21.36833 | 19.29914 | 7.87884 | 1.11513 | 41.62153 | 2.712 | 5 | .042 |

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| --- | --- | --- | --- | --- | --- |
| **kesadaranpost11** | | | | | |
|  | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Sangat tidak setuju | 1 | .9 | .9 | .9 |
| setuju | 2 | 1.8 | 1.8 | 2.6 |
| sangat setuju | 111 | 97.4 | 97.4 | 100.0 |
| Total | 114 | 100.0 | 100.0 |  |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **kesadaranpost20** | | | | | |
|  | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | keuntungan ekonomi | 1 | .9 | .9 | .9 |
| kepedulian pada lingkungan dan kesehatan | 113 | 99.1 | 99.1 | 100.0 |
| Total | 114 | 100.0 | 100.0 |  |

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| --- | --- | --- | --- | --- | --- |
| **kesadaran11** | | | | | |
|  | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Sangat tidak setuju | 1 | .9 | .9 | .9 |
| setuju | 3 | 2.6 | 2.6 | 3.5 |
| sangat setuju | 110 | 96.5 | 96.5 | 100.0 |
| Total | 114 | 100.0 | 100.0 |  |

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| --- | --- | --- | --- | --- | --- |
| **kesadaran20** | | | | | |
|  | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | keuntungan ekonomi | 1 | .9 | .9 | .9 |
| kepedulian pada lingkungan dan kesehatan | 113 | 99.1 | 99.1 | 100.0 |
| Total | 114 | 100.0 | 100.0 |  |