augmentedRCBD

# Details

| Item | Details |
| --- | --- |
| Number of blocks | 3 |
| Number of treatments | 41 |
| Number of check treatments | 2 |
| Number of test treatments | 39 |
| Check treatments | Check 1, Check 2 |

# ANOVA, Treatment Adjusted

| **Source** | **Df** | **Sum Sq** | **Mean Sq** | **F value** | **Pr(>F)** |
| --- | --- | --- | --- | --- | --- |
| Block (ignoring Treatments) | 2 | 0.03 | 0.01 | 1.23205004823072e+31 | 8.1e-32 |
| Treatment (eliminating Blocks) | 40 | 0.95 | 0.02 | 2.31009384043259e+31 | 4.3e-32 |
| Treatment: Check | 1 | 1.7e-36 | 1.7e-36 | 0.0016 | 0.97 |
| Treatment: Test and Test vs. Check | 39 | 0.95 | 0.02 | 2.3693270158283e+31 | 4.2e-32 |
| Residuals | 2 | 2.1e-33 | 1e-33 |  |  |

# ANOVA, Block Adjusted

| **Source** | **Df** | **Sum Sq** | **Mean Sq** | **F value** | **Pr(>F)** |
| --- | --- | --- | --- | --- | --- |
| Treatment (ignoring Blocks) | 40 | 0.98 | 0.02 | 1.96106516371714e+31 | 5.1e-32 |
| Treatment: Check | 1 | 0 | 0 | 0 | 1 |
| Treatment: Test | 38 | 0.97 | 0.03 | 2.05706136054246e+31 | 4.9e-32 |
| Treatment: Test vs. Check | 1 | 0.0034 | 0.0034 | 2.74274848072327e+30 | 3.6e-31 |
| Block (eliminating Treatments) | 2 | 5.6e-33 | 2.8e-33 | 2.26 | 0.31 |
| Residuals | 2 | 2.5e-33 | 1.2e-33 |  |  |

# Standard Errors and Critical Differences

| **Comparison** | **Std. Error of Diff.** | **CD (5%)** | **Tukey HSD (5%)** |
| --- | --- | --- | --- |
| Control Treatment Means | 2.2e-17 | 9.5e-17 | 3e-16 |
| Two Test Treatments (Same Block) | 3.8e-17 | 1.6e-16 | 5.2e-16 |
| Two Test Treatments (Different Blocks) | 4.7e-17 | 2e-16 | 6.4e-16 |
| A Test Treatment and a Control Treatment | 3.8e-17 | 1.6e-16 | 3.7e-16 |

# Overall Adjusted Mean

0.02

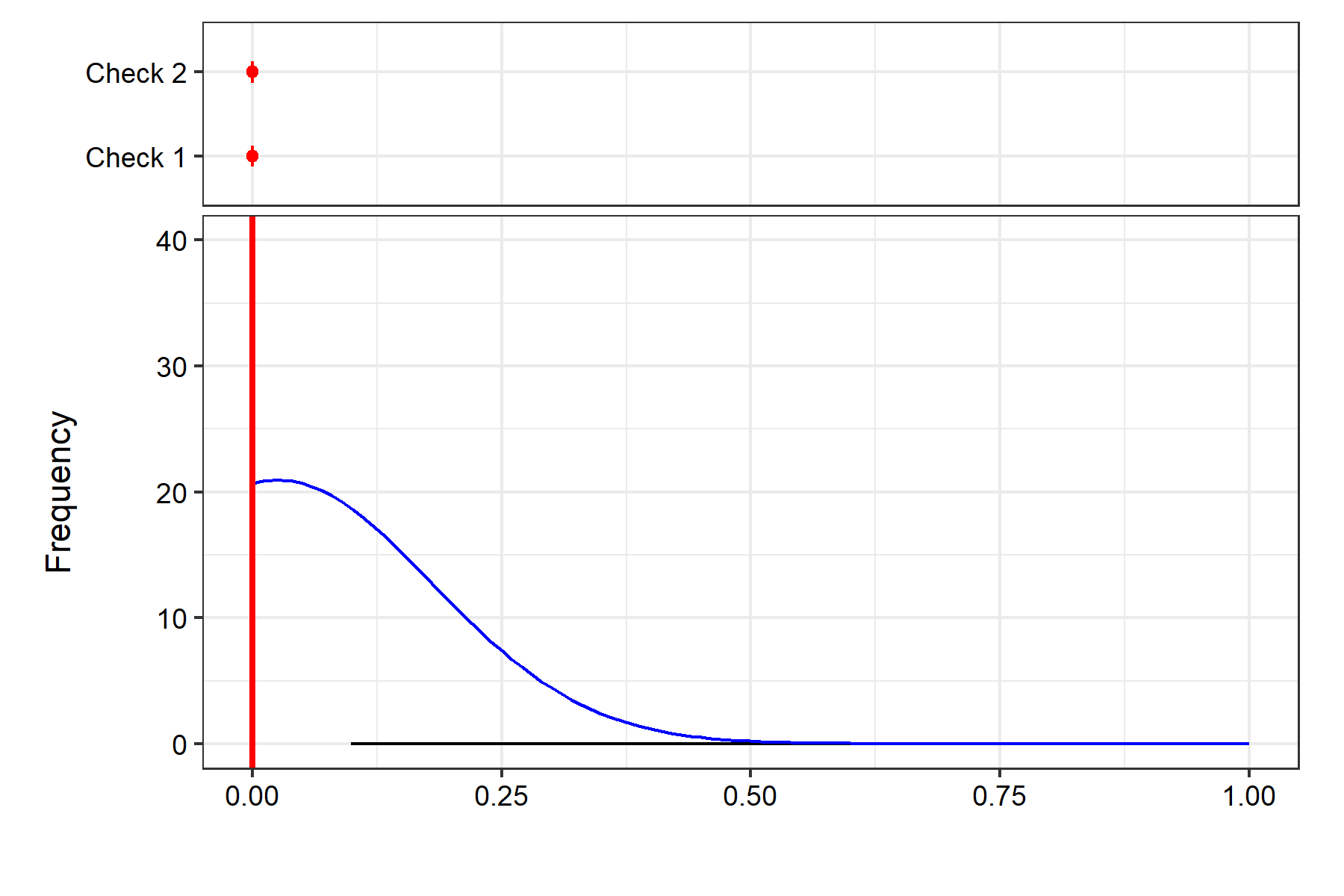
# Coefficient of Variation

1.2e-13

# Means

| **Treatment** | **Block** | **Means** | **SE** | **r** | **Min** | **Max** | **Adjusted Means** |
| --- | --- | --- | --- | --- | --- | --- | --- |
| AKI 1-P4 | 2 | 0 |  | 1 | 0 | 0 | 2.6e-16 |
| AKI 2-P9 | 2 | 0 |  | 1 | 0 | 0 | 0 |
| AKI 3-P1 | 3 | 0 |  | 1 | 0 | 0 | 0 |
| AKI 3-P2 | 2 | 0 |  | 1 | 0 | 0 | 0 |
| AKI 3-P4 | 3 | 0 |  | 1 | 0 | 0 | 0 |
| AKN 1-P1 | 1 | 0 |  | 1 | 0 | 0 | 0 |
| AKN 1-P2 | 1 | 0 |  | 1 | 0 | 0 | 9.7e-17 |
| AKN 1-P5 | 1 | 0 |  | 1 | 0 | 0 | 0 |
| AKN 2-P2 | 2 | 0 |  | 1 | 0 | 0 | 2.8e-17 |
| AKN 2-P3 | 2 | 0 |  | 1 | 0 | 0 | 6.6e-17 |
| AKN 2-P5 | 2 | 0 |  | 1 | 0 | 0 | 0 |
| Check 1 |  | 0 | 0 | 3 | 0 | 0 | 0 |
| Check 2 |  | 0 | 0 | 3 | 0 | 0 | 1.4e-17 |
| EE 1-P1 | 2 | 0 |  | 1 | 0 | 0 | 0 |
| EE 1-P2 | 2 | 0 |  | 1 | 0 | 0 | 0 |
| EE 1-P3 | 1 | 0 |  | 1 | 0 | 0 | 1.2e-16 |
| EE 1-P4 | 3 | 0 |  | 1 | 0 | 0 | 0 |
| EE 1-P6-1 | 2 | 0 |  | 1 | 0 | 0 | 4.9e-17 |
| EE 1-P6-2 | 2 | 0 |  | 1 | 0 | 0 | 0 |
| EE 4-P1 | 2 | 1 |  | 1 | 1 | 1 | 1 |
| EE 4-P2 | 1 | 0 |  | 1 | 0 | 0 | 3.5e-17 |
| EE 4-P3 | 2 | 0 |  | 1 | 0 | 0 | 0 |
| EE 4-P4 | 1 | 0 |  | 1 | 0 | 0 | 0 |
| EE 4-P5 | 1 | 0 |  | 1 | 0 | 0 | 3.5e-18 |
| EE 4-P6 | 2 | 0 |  | 1 | 0 | 0 | 0 |
| EE 5-P1 | 1 | 0 |  | 1 | 0 | 0 | 0 |
| EE 5-P3 | 3 | 0 |  | 1 | 0 | 0 | 3.5e-18 |
| EE 5-P5 | 1 | 0 |  | 1 | 0 | 0 | 1.7e-16 |
| EE 5-P6 | 1 | 0 |  | 1 | 0 | 0 | 0 |
| EE 5-P7 | 3 | 0 |  | 1 | 0 | 0 | 0 |
| EE 5-P8 | 2 | 0 |  | 1 | 0 | 0 | 3.5e-17 |
| EE 5-P9 | 1 | 0 |  | 1 | 0 | 0 | 0 |
| IBI 2-P1 | 2 | 0 |  | 1 | 0 | 0 | 1.7e-17 |
| IL 1-P22 | 2 | 0 |  | 1 | 0 | 0 | 0 |
| IL 2-P23 | 2 | 0 |  | 1 | 0 | 0 | 6.6e-17 |
| IL 4-P25 | 2 | 0 |  | 1 | 0 | 0 | 3.5e-18 |
| IS 1-P1 | 1 | 0 |  | 1 | 0 | 0 | 0 |
| IS 1-P2 | 1 | 0 |  | 1 | 0 | 0 | 0 |
| ITU 2-P1 | 2 | 0 |  | 1 | 0 | 0 | 0 |
| ITU 4-P2 | 3 | 0 |  | 1 | 0 | 0 | 3.5e-18 |
| ON 4-P26 | 1 | 0 |  | 1 | 0 | 0 | 5.2e-16 |

# Frequency Distribution



| **Statistic** | **Value** |
| --- | --- |
| Count | 41 |
| Mean | 0.02 |
| Std.Error | 0.02 |
| Std.Deviation | 0.16 |
| Min | 0 |
| Max | 1 |
| Skewness | 6.17 \*\* |
| Kurtosis | 39.03 \*\* |

ns P > 0.05; \* P <= 0.05; \*\* P <= 0.01

| **Statistic** | **Value** |
| --- | --- |
| Mean | 0.02 |
| PV | 0.03 |
| GV | 0.03 |
| EV | 1.2e-33 |
| GCV | 656.53 |
| GCV.category | High |
| PCV | 656.53 |
| PCV.category | High |
| ECV | 1.4e-13 |
| hBS | 100 |
| hBS.category | High |
| GA | 0.33 |
| GAM | 1354.41 |
| GAM.category | High |

# Comparisons

Comparison method: tukey

| **contrast** | **estimate** | **SE** | **df** | **t.ratio** | **p.value** | **sig** |
| --- | --- | --- | --- | --- | --- | --- |
| Check 1 - Check 2 | -7.3e-17 | 2.2e-17 | 2 | -3.32 | 0.57 |  |
| Check 1 - (AKI 1-P4) | -3.2e-16 | 3.5e-17 | 2 | -9.09 | 0.11 |  |
| Check 1 - (AKI 2-P9) | 1.8e-16 | 3.5e-17 | 2 | 5.09 | 0.31 |  |
| Check 1 - (AKI 3-P1) | 3.5e-17 | 3.5e-17 | 2 | 1 | 1 |  |
| Check 1 - (AKI 3-P2) | -2.8e-17 | 3.5e-17 | 2 | -0.8 | 1 |  |
| Check 1 - (AKI 3-P4) | -3.5e-18 | 3.5e-17 | 2 | -0.1 | 1 |  |
| Check 1 - (AKN 1-P1) | 2.5e-16 | 3.5e-17 | 2 | 7.09 | 0.17 |  |
| Check 1 - (AKN 1-P2) | -1.6e-16 | 3.5e-17 | 2 | -4.5 | 0.37 |  |
| Check 1 - (AKN 1-P5) | -3.8e-17 | 3.5e-17 | 2 | -1.1 | 1 |  |
| Check 1 - (AKN 2-P2) | -8.7e-17 | 3.5e-17 | 2 | -2.5 | 0.76 |  |
| Check 1 - (AKN 2-P3) | -1.2e-16 | 3.5e-17 | 2 | -3.6 | 0.51 |  |
| Check 1 - (AKN 2-P5) | -5.9e-17 | 3.5e-17 | 2 | -1.7 | 0.95 |  |
| Check 1 - (EE 1-P1) | -3.5e-17 | 3.5e-17 | 2 | -1 | 1 |  |
| Check 1 - (EE 1-P2) | -2.4e-17 | 3.5e-17 | 2 | -0.7 | 1 |  |
| Check 1 - (EE 1-P3) | -1.8e-16 | 3.5e-17 | 2 | -5.29 | 0.29 |  |
| Check 1 - (EE 1-P4) | -4.9e-17 | 3.5e-17 | 2 | -1.4 | 0.98 |  |
| Check 1 - (EE 1-P6-1) | -1.1e-16 | 3.5e-17 | 2 | -3.1 | 0.62 |  |
| Check 1 - (EE 1-P6-2) | -2.4e-17 | 3.5e-17 | 2 | -0.7 | 1 |  |
| Check 1 - (EE 4-P1) | -1 | 3.5e-17 | 2 | -28793060448854348 | 1.9e-13 | \*\*\* |
| Check 1 - (EE 4-P2) | -9.4e-17 | 3.5e-17 | 2 | -2.7 | 0.71 |  |
| Check 1 - (EE 4-P3) | -5.9e-17 | 3.5e-17 | 2 | -1.7 | 0.95 |  |
| Check 1 - (EE 4-P4) | 3.1e-17 | 3.5e-17 | 2 | 0.9 | 1 |  |
| Check 1 - (EE 4-P5) | -6.2e-17 | 3.5e-17 | 2 | -1.8 | 0.93 |  |
| Check 1 - (EE 4-P6) | 1.8e-16 | 3.5e-17 | 2 | 5.29 | 0.29 |  |
| Check 1 - (EE 5-P1) | -4.2e-17 | 3.5e-17 | 2 | -1.2 | 1 |  |
| Check 1 - (EE 5-P3) | -6.2e-17 | 3.5e-17 | 2 | -1.8 | 0.93 |  |
| Check 1 - (EE 5-P5) | -2.3e-16 | 3.5e-17 | 2 | -6.59 | 0.2 |  |
| Check 1 - (EE 5-P6) | -2.8e-17 | 3.5e-17 | 2 | -0.8 | 1 |  |
| Check 1 - (EE 5-P7) | -5.6e-17 | 3.5e-17 | 2 | -1.6 | 0.96 |  |
| Check 1 - (EE 5-P8) | -9.4e-17 | 3.5e-17 | 2 | -2.7 | 0.71 |  |
| Check 1 - (EE 5-P9) | -3.1e-17 | 3.5e-17 | 2 | -0.9 | 1 |  |
| Check 1 - (IBI 2-P1) | -7.6e-17 | 3.5e-17 | 2 | -2.2 | 0.84 |  |
| Check 1 - (IL 1-P22) | -2.4e-17 | 3.5e-17 | 2 | -0.7 | 1 |  |
| Check 1 - (IL 2-P23) | -1.2e-16 | 3.5e-17 | 2 | -3.6 | 0.51 |  |
| Check 1 - (IL 4-P25) | -6.2e-17 | 3.5e-17 | 2 | -1.8 | 0.93 |  |
| Check 1 - (IS 1-P1) | 4.9e-17 | 3.5e-17 | 2 | 1.4 | 0.98 |  |
| Check 1 - (IS 1-P2) | -3.1e-17 | 3.5e-17 | 2 | -0.9 | 1 |  |
| Check 1 - (ITU 2-P1) | -5.9e-17 | 3.5e-17 | 2 | -1.7 | 0.95 |  |
| Check 1 - (ITU 4-P2) | -6.2e-17 | 3.5e-17 | 2 | -1.8 | 0.93 |  |
| Check 1 - (ON 4-P26) | -5.8e-16 | 3.5e-17 | 2 | -16.58 | 0.04 | \* |
| Check 2 - (AKI 1-P4) | -2.4e-16 | 3.5e-17 | 2 | -6.99 | 0.18 |  |
| Check 2 - (AKI 2-P9) | 2.5e-16 | 3.5e-17 | 2 | 7.19 | 0.17 |  |
| Check 2 - (AKI 3-P1) | 1.1e-16 | 3.5e-17 | 2 | 3.1 | 0.62 |  |
| Check 2 - (AKI 3-P2) | 4.5e-17 | 3.5e-17 | 2 | 1.3 | 0.99 |  |
| Check 2 - (AKI 3-P4) | 6.9e-17 | 3.5e-17 | 2 | 2 | 0.89 |  |
| Check 2 - (AKN 1-P1) | 3.2e-16 | 3.5e-17 | 2 | 9.19 | 0.11 |  |
| Check 2 - (AKN 1-P2) | -8.3e-17 | 3.5e-17 | 2 | -2.4 | 0.79 |  |
| Check 2 - (AKN 1-P5) | 3.5e-17 | 3.5e-17 | 2 | 1 | 1 |  |
| Check 2 - (AKN 2-P2) | -1.4e-17 | 3.5e-17 | 2 | -0.4 | 1 |  |
| Check 2 - (AKN 2-P3) | -5.2e-17 | 3.5e-17 | 2 | -1.5 | 0.97 |  |
| Check 2 - (AKN 2-P5) | 1.4e-17 | 3.5e-17 | 2 | 0.4 | 1 |  |
| Check 2 - (EE 1-P1) | 3.8e-17 | 3.5e-17 | 2 | 1.1 | 1 |  |
| Check 2 - (EE 1-P2) | 4.9e-17 | 3.5e-17 | 2 | 1.4 | 0.98 |  |
| Check 2 - (EE 1-P3) | -1.1e-16 | 3.5e-17 | 2 | -3.2 | 0.6 |  |
| Check 2 - (EE 1-P4) | 2.4e-17 | 3.5e-17 | 2 | 0.7 | 1 |  |
| Check 2 - (EE 1-P6-1) | -3.5e-17 | 3.5e-17 | 2 | -1 | 1 |  |
| Check 2 - (EE 1-P6-2) | 4.9e-17 | 3.5e-17 | 2 | 1.4 | 0.98 |  |
| Check 2 - (EE 4-P1) | -1 | 3.5e-17 | 2 | -28793060448854364 | 1.9e-13 | \*\*\* |
| Check 2 - (EE 4-P2) | -2.1e-17 | 3.5e-17 | 2 | -0.6 | 1 |  |
| Check 2 - (EE 4-P3) | 1.4e-17 | 3.5e-17 | 2 | 0.4 | 1 |  |
| Check 2 - (EE 4-P4) | 1e-16 | 3.5e-17 | 2 | 3 | 0.64 |  |
| Check 2 - (EE 4-P5) | 1e-17 | 3.5e-17 | 2 | 0.3 | 1 |  |
| Check 2 - (EE 4-P6) | 2.6e-16 | 3.5e-17 | 2 | 7.39 | 0.16 |  |
| Check 2 - (EE 5-P1) | 3.1e-17 | 3.5e-17 | 2 | 0.9 | 1 |  |
| Check 2 - (EE 5-P3) | 1e-17 | 3.5e-17 | 2 | 0.3 | 1 |  |
| Check 2 - (EE 5-P5) | -1.6e-16 | 3.5e-17 | 2 | -4.5 | 0.37 |  |
| Check 2 - (EE 5-P6) | 4.5e-17 | 3.5e-17 | 2 | 1.3 | 0.99 |  |
| Check 2 - (EE 5-P7) | 1.7e-17 | 3.5e-17 | 2 | 0.5 | 1 |  |
| Check 2 - (EE 5-P8) | -2.1e-17 | 3.5e-17 | 2 | -0.6 | 1 |  |
| Check 2 - (EE 5-P9) | 4.2e-17 | 3.5e-17 | 2 | 1.2 | 1 |  |
| Check 2 - (IBI 2-P1) | -3.5e-18 | 3.5e-17 | 2 | -0.1 | 1 |  |
| Check 2 - (IL 1-P22) | 4.9e-17 | 3.5e-17 | 2 | 1.4 | 0.98 |  |
| Check 2 - (IL 2-P23) | -5.2e-17 | 3.5e-17 | 2 | -1.5 | 0.97 |  |
| Check 2 - (IL 4-P25) | 1e-17 | 3.5e-17 | 2 | 0.3 | 1 |  |
| Check 2 - (IS 1-P1) | 1.2e-16 | 3.5e-17 | 2 | 3.5 | 0.53 |  |
| Check 2 - (IS 1-P2) | 4.2e-17 | 3.5e-17 | 2 | 1.2 | 1 |  |
| Check 2 - (ITU 2-P1) | 1.4e-17 | 3.5e-17 | 2 | 0.4 | 1 |  |
| Check 2 - (ITU 4-P2) | 1e-17 | 3.5e-17 | 2 | 0.3 | 1 |  |
| Check 2 - (ON 4-P26) | -5e-16 | 3.5e-17 | 2 | -14.48 | 0.05 | \* |
| (AKI 1-P4) - (AKI 2-P9) | 4.9e-16 | 3.8e-17 | 2 | 12.95 | 0.05 |  |
| (AKI 1-P4) - (AKI 3-P1) | 3.5e-16 | 4.7e-17 | 2 | 7.52 | 0.16 |  |
| (AKI 1-P4) - (AKI 3-P2) | 2.9e-16 | 3.8e-17 | 2 | 7.57 | 0.15 |  |
| (AKI 1-P4) - (AKI 3-P4) | 3.1e-16 | 4.7e-17 | 2 | 6.7 | 0.19 |  |
| (AKI 1-P4) - (AKN 1-P1) | 5.6e-16 | 4.7e-17 | 2 | 12.06 | 0.06 |  |
| (AKI 1-P4) - (AKN 1-P2) | 1.6e-16 | 4.7e-17 | 2 | 3.43 | 0.55 |  |
| (AKI 1-P4) - (AKN 1-P5) | 2.8e-16 | 4.7e-17 | 2 | 5.96 | 0.24 |  |
| (AKI 1-P4) - (AKN 2-P2) | 2.3e-16 | 3.8e-17 | 2 | 6.02 | 0.23 |  |
| (AKI 1-P4) - (AKN 2-P3) | 1.9e-16 | 3.8e-17 | 2 | 5.02 | 0.31 |  |
| (AKI 1-P4) - (AKN 2-P5) | 2.6e-16 | 3.8e-17 | 2 | 6.75 | 0.19 |  |
| (AKI 1-P4) - (EE 1-P1) | 2.8e-16 | 3.8e-17 | 2 | 7.39 | 0.16 |  |
| (AKI 1-P4) - (EE 1-P2) | 2.9e-16 | 3.8e-17 | 2 | 7.66 | 0.15 |  |
| (AKI 1-P4) - (EE 1-P3) | 1.3e-16 | 4.7e-17 | 2 | 2.83 | 0.68 |  |
| (AKI 1-P4) - (EE 1-P4) | 2.7e-16 | 4.7e-17 | 2 | 5.73 | 0.25 |  |
| (AKI 1-P4) - (EE 1-P6-1) | 2.1e-16 | 3.8e-17 | 2 | 5.47 | 0.27 |  |
| (AKI 1-P4) - (EE 1-P6-2) | 2.9e-16 | 3.8e-17 | 2 | 7.66 | 0.15 |  |
| (AKI 1-P4) - (EE 4-P1) | -1 | 3.8e-17 | 2 | -26284347845745596 | 1.9e-13 | \*\*\* |
| (AKI 1-P4) - (EE 4-P2) | 2.2e-16 | 4.7e-17 | 2 | 4.77 | 0.34 |  |
| (AKI 1-P4) - (EE 4-P3) | 2.6e-16 | 3.8e-17 | 2 | 6.75 | 0.19 |  |
| (AKI 1-P4) - (EE 4-P4) | 3.5e-16 | 4.7e-17 | 2 | 7.45 | 0.16 |  |
| (AKI 1-P4) - (EE 4-P5) | 2.5e-16 | 4.7e-17 | 2 | 5.44 | 0.27 |  |
| (AKI 1-P4) - (EE 4-P6) | 5e-16 | 3.8e-17 | 2 | 13.13 | 0.05 |  |
| (AKI 1-P4) - (EE 5-P1) | 2.7e-16 | 4.7e-17 | 2 | 5.88 | 0.24 |  |
| (AKI 1-P4) - (EE 5-P3) | 2.5e-16 | 4.7e-17 | 2 | 5.44 | 0.27 |  |
| (AKI 1-P4) - (EE 5-P5) | 8.7e-17 | 4.7e-17 | 2 | 1.86 | 0.92 |  |
| (AKI 1-P4) - (EE 5-P6) | 2.9e-16 | 4.7e-17 | 2 | 6.18 | 0.22 |  |
| (AKI 1-P4) - (EE 5-P7) | 2.6e-16 | 4.7e-17 | 2 | 5.58 | 0.26 |  |
| (AKI 1-P4) - (EE 5-P8) | 2.2e-16 | 3.8e-17 | 2 | 5.84 | 0.24 |  |
| (AKI 1-P4) - (EE 5-P9) | 2.8e-16 | 4.7e-17 | 2 | 6.11 | 0.23 |  |
| (AKI 1-P4) - (IBI 2-P1) | 2.4e-16 | 3.8e-17 | 2 | 6.29 | 0.21 |  |
| (AKI 1-P4) - (IL 1-P22) | 2.9e-16 | 3.8e-17 | 2 | 7.66 | 0.15 |  |
| (AKI 1-P4) - (IL 2-P23) | 1.9e-16 | 3.8e-17 | 2 | 5.02 | 0.31 |  |
| (AKI 1-P4) - (IL 4-P25) | 2.5e-16 | 3.8e-17 | 2 | 6.66 | 0.19 |  |
| (AKI 1-P4) - (IS 1-P1) | 3.6e-16 | 4.7e-17 | 2 | 7.82 | 0.14 |  |
| (AKI 1-P4) - (IS 1-P2) | 2.8e-16 | 4.7e-17 | 2 | 6.11 | 0.23 |  |
| (AKI 1-P4) - (ITU 2-P1) | 2.6e-16 | 3.8e-17 | 2 | 6.75 | 0.19 |  |
| (AKI 1-P4) - (ITU 4-P2) | 2.5e-16 | 4.7e-17 | 2 | 5.44 | 0.27 |  |
| (AKI 1-P4) - (ON 4-P26) | -2.6e-16 | 4.7e-17 | 2 | -5.58 | 0.26 |  |
| (AKI 2-P9) - (AKI 3-P1) | -1.4e-16 | 4.7e-17 | 2 | -3.05 | 0.63 |  |
| (AKI 2-P9) - (AKI 3-P2) | -2e-16 | 3.8e-17 | 2 | -5.38 | 0.28 |  |
| (AKI 2-P9) - (AKI 3-P4) | -1.8e-16 | 4.7e-17 | 2 | -3.87 | 0.46 |  |
| (AKI 2-P9) - (AKN 1-P1) | 6.9e-17 | 4.7e-17 | 2 | 1.49 | 0.97 |  |
| (AKI 2-P9) - (AKN 1-P2) | -3.3e-16 | 4.7e-17 | 2 | -7.15 | 0.17 |  |
| (AKI 2-P9) - (AKN 1-P5) | -2.2e-16 | 4.7e-17 | 2 | -4.62 | 0.36 |  |
| (AKI 2-P9) - (AKN 2-P2) | -2.6e-16 | 3.8e-17 | 2 | -6.93 | 0.18 |  |
| (AKI 2-P9) - (AKN 2-P3) | -3e-16 | 3.8e-17 | 2 | -7.93 | 0.14 |  |
| (AKI 2-P9) - (AKN 2-P5) | -2.4e-16 | 3.8e-17 | 2 | -6.2 | 0.22 |  |
| (AKI 2-P9) - (EE 1-P1) | -2.1e-16 | 3.8e-17 | 2 | -5.56 | 0.26 |  |
| (AKI 2-P9) - (EE 1-P2) | -2e-16 | 3.8e-17 | 2 | -5.29 | 0.29 |  |
| (AKI 2-P9) - (EE 1-P3) | -3.6e-16 | 4.7e-17 | 2 | -7.74 | 0.15 |  |
| (AKI 2-P9) - (EE 1-P4) | -2.3e-16 | 4.7e-17 | 2 | -4.84 | 0.33 |  |
| (AKI 2-P9) - (EE 1-P6-1) | -2.8e-16 | 3.8e-17 | 2 | -7.48 | 0.16 |  |
| (AKI 2-P9) - (EE 1-P6-2) | -2e-16 | 3.8e-17 | 2 | -5.29 | 0.29 |  |
| (AKI 2-P9) - (EE 4-P1) | -1 | 3.8e-17 | 2 | -26284347845745604 | 1.9e-13 | \*\*\* |
| (AKI 2-P9) - (EE 4-P2) | -2.7e-16 | 4.7e-17 | 2 | -5.81 | 0.25 |  |
| (AKI 2-P9) - (EE 4-P3) | -2.4e-16 | 3.8e-17 | 2 | -6.2 | 0.22 |  |
| (AKI 2-P9) - (EE 4-P4) | -1.5e-16 | 4.7e-17 | 2 | -3.13 | 0.61 |  |
| (AKI 2-P9) - (EE 4-P5) | -2.4e-16 | 4.7e-17 | 2 | -5.14 | 0.3 |  |
| (AKI 2-P9) - (EE 4-P6) | 6.9e-18 | 3.8e-17 | 2 | 0.18 | 1 |  |
| (AKI 2-P9) - (EE 5-P1) | -2.2e-16 | 4.7e-17 | 2 | -4.69 | 0.35 |  |
| (AKI 2-P9) - (EE 5-P3) | -2.4e-16 | 4.7e-17 | 2 | -5.14 | 0.3 |  |
| (AKI 2-P9) - (EE 5-P5) | -4.1e-16 | 4.7e-17 | 2 | -8.71 | 0.12 |  |
| (AKI 2-P9) - (EE 5-P6) | -2e-16 | 4.7e-17 | 2 | -4.39 | 0.39 |  |
| (AKI 2-P9) - (EE 5-P7) | -2.3e-16 | 4.7e-17 | 2 | -4.99 | 0.32 |  |
| (AKI 2-P9) - (EE 5-P8) | -2.7e-16 | 3.8e-17 | 2 | -7.11 | 0.17 |  |
| (AKI 2-P9) - (EE 5-P9) | -2.1e-16 | 4.7e-17 | 2 | -4.47 | 0.38 |  |
| (AKI 2-P9) - (IBI 2-P1) | -2.5e-16 | 3.8e-17 | 2 | -6.66 | 0.19 |  |
| (AKI 2-P9) - (IL 1-P22) | -2e-16 | 3.8e-17 | 2 | -5.29 | 0.29 |  |
| (AKI 2-P9) - (IL 2-P23) | -3e-16 | 3.8e-17 | 2 | -7.93 | 0.14 |  |
| (AKI 2-P9) - (IL 4-P25) | -2.4e-16 | 3.8e-17 | 2 | -6.29 | 0.21 |  |
| (AKI 2-P9) - (IS 1-P1) | -1.3e-16 | 4.7e-17 | 2 | -2.75 | 0.7 |  |
| (AKI 2-P9) - (IS 1-P2) | -2.1e-16 | 4.7e-17 | 2 | -4.47 | 0.38 |  |
| (AKI 2-P9) - (ITU 2-P1) | -2.4e-16 | 3.8e-17 | 2 | -6.2 | 0.22 |  |
| (AKI 2-P9) - (ITU 4-P2) | -2.4e-16 | 4.7e-17 | 2 | -5.14 | 0.3 |  |
| (AKI 2-P9) - (ON 4-P26) | -7.5e-16 | 4.7e-17 | 2 | -16.16 | 0.04 | \* |
| (AKI 3-P1) - (AKI 3-P2) | -6.2e-17 | 4.7e-17 | 2 | -1.34 | 0.99 |  |
| (AKI 3-P1) - (AKI 3-P4) | -3.8e-17 | 3.8e-17 | 2 | -1 | 1 |  |
| (AKI 3-P1) - (AKN 1-P1) | 2.1e-16 | 4.7e-17 | 2 | 4.54 | 0.37 |  |
| (AKI 3-P1) - (AKN 1-P2) | -1.9e-16 | 4.7e-17 | 2 | -4.1 | 0.43 |  |
| (AKI 3-P1) - (AKN 1-P5) | -7.3e-17 | 4.7e-17 | 2 | -1.56 | 0.97 |  |
| (AKI 3-P1) - (AKN 2-P2) | -1.2e-16 | 4.7e-17 | 2 | -2.61 | 0.74 |  |
| (AKI 3-P1) - (AKN 2-P3) | -1.6e-16 | 4.7e-17 | 2 | -3.43 | 0.55 |  |
| (AKI 3-P1) - (AKN 2-P5) | -9.4e-17 | 4.7e-17 | 2 | -2.01 | 0.88 |  |
| (AKI 3-P1) - (EE 1-P1) | -6.9e-17 | 4.7e-17 | 2 | -1.49 | 0.97 |  |
| (AKI 3-P1) - (EE 1-P2) | -5.9e-17 | 4.7e-17 | 2 | -1.27 | 0.99 |  |
| (AKI 3-P1) - (EE 1-P3) | -2.2e-16 | 4.7e-17 | 2 | -4.69 | 0.35 |  |
| (AKI 3-P1) - (EE 1-P4) | -8.3e-17 | 3.8e-17 | 2 | -2.19 | 0.84 |  |
| (AKI 3-P1) - (EE 1-P6-1) | -1.4e-16 | 4.7e-17 | 2 | -3.05 | 0.63 |  |
| (AKI 3-P1) - (EE 1-P6-2) | -5.9e-17 | 4.7e-17 | 2 | -1.27 | 0.99 |  |
| (AKI 3-P1) - (EE 4-P1) | -1 | 4.7e-17 | 2 | -21461080147966332 | 1.9e-13 | \*\*\* |
| (AKI 3-P1) - (EE 4-P2) | -1.3e-16 | 4.7e-17 | 2 | -2.75 | 0.7 |  |
| (AKI 3-P1) - (EE 4-P3) | -9.4e-17 | 4.7e-17 | 2 | -2.01 | 0.88 |  |
| (AKI 3-P1) - (EE 4-P4) | -3.5e-18 | 4.7e-17 | 2 | -0.07 | 1 |  |
| (AKI 3-P1) - (EE 4-P5) | -9.7e-17 | 4.7e-17 | 2 | -2.08 | 0.87 |  |
| (AKI 3-P1) - (EE 4-P6) | 1.5e-16 | 4.7e-17 | 2 | 3.2 | 0.59 |  |
| (AKI 3-P1) - (EE 5-P1) | -7.6e-17 | 4.7e-17 | 2 | -1.64 | 0.96 |  |
| (AKI 3-P1) - (EE 5-P3) | -9.7e-17 | 3.8e-17 | 2 | -2.55 | 0.75 |  |
| (AKI 3-P1) - (EE 5-P5) | -2.6e-16 | 4.7e-17 | 2 | -5.66 | 0.26 |  |
| (AKI 3-P1) - (EE 5-P6) | -6.2e-17 | 4.7e-17 | 2 | -1.34 | 0.99 |  |
| (AKI 3-P1) - (EE 5-P7) | -9e-17 | 3.8e-17 | 2 | -2.37 | 0.8 |  |
| (AKI 3-P1) - (EE 5-P8) | -1.3e-16 | 4.7e-17 | 2 | -2.75 | 0.7 |  |
| (AKI 3-P1) - (EE 5-P9) | -6.6e-17 | 4.7e-17 | 2 | -1.41 | 0.98 |  |
| (AKI 3-P1) - (IBI 2-P1) | -1.1e-16 | 4.7e-17 | 2 | -2.38 | 0.79 |  |
| (AKI 3-P1) - (IL 1-P22) | -5.9e-17 | 4.7e-17 | 2 | -1.27 | 0.99 |  |
| (AKI 3-P1) - (IL 2-P23) | -1.6e-16 | 4.7e-17 | 2 | -3.43 | 0.55 |  |
| (AKI 3-P1) - (IL 4-P25) | -9.7e-17 | 4.7e-17 | 2 | -2.08 | 0.87 |  |
| (AKI 3-P1) - (IS 1-P1) | 1.4e-17 | 4.7e-17 | 2 | 0.3 | 1 |  |
| (AKI 3-P1) - (IS 1-P2) | -6.6e-17 | 4.7e-17 | 2 | -1.41 | 0.98 |  |
| (AKI 3-P1) - (ITU 2-P1) | -9.4e-17 | 4.7e-17 | 2 | -2.01 | 0.88 |  |
| (AKI 3-P1) - (ITU 4-P2) | -9.7e-17 | 3.8e-17 | 2 | -2.55 | 0.75 |  |
| (AKI 3-P1) - (ON 4-P26) | -6.1e-16 | 4.7e-17 | 2 | -13.1 | 0.05 |  |
| (AKI 3-P2) - (AKI 3-P4) | 2.4e-17 | 4.7e-17 | 2 | 0.52 | 1 |  |
| (AKI 3-P2) - (AKN 1-P1) | 2.7e-16 | 4.7e-17 | 2 | 5.88 | 0.24 |  |
| (AKI 3-P2) - (AKN 1-P2) | -1.3e-16 | 4.7e-17 | 2 | -2.75 | 0.7 |  |
| (AKI 3-P2) - (AKN 1-P5) | -1e-17 | 4.7e-17 | 2 | -0.22 | 1 |  |
| (AKI 3-P2) - (AKN 2-P2) | -5.9e-17 | 3.8e-17 | 2 | -1.55 | 0.97 |  |
| (AKI 3-P2) - (AKN 2-P3) | -9.7e-17 | 3.8e-17 | 2 | -2.55 | 0.75 |  |
| (AKI 3-P2) - (AKN 2-P5) | -3.1e-17 | 3.8e-17 | 2 | -0.82 | 1 |  |
| (AKI 3-P2) - (EE 1-P1) | -6.9e-18 | 3.8e-17 | 2 | -0.18 | 1 |  |
| (AKI 3-P2) - (EE 1-P2) | 3.5e-18 | 3.8e-17 | 2 | 0.09 | 1 |  |
| (AKI 3-P2) - (EE 1-P3) | -1.6e-16 | 4.7e-17 | 2 | -3.35 | 0.56 |  |
| (AKI 3-P2) - (EE 1-P4) | -2.1e-17 | 4.7e-17 | 2 | -0.45 | 1 |  |
| (AKI 3-P2) - (EE 1-P6-1) | -8e-17 | 3.8e-17 | 2 | -2.1 | 0.86 |  |
| (AKI 3-P2) - (EE 1-P6-2) | 3.5e-18 | 3.8e-17 | 2 | 0.09 | 1 |  |
| (AKI 3-P2) - (EE 4-P1) | -1 | 3.8e-17 | 2 | -26284347845745600 | 1.9e-13 | \*\*\* |
| (AKI 3-P2) - (EE 4-P2) | -6.6e-17 | 4.7e-17 | 2 | -1.41 | 0.98 |  |
| (AKI 3-P2) - (EE 4-P3) | -3.1e-17 | 3.8e-17 | 2 | -0.82 | 1 |  |
| (AKI 3-P2) - (EE 4-P4) | 5.9e-17 | 4.7e-17 | 2 | 1.27 | 0.99 |  |
| (AKI 3-P2) - (EE 4-P5) | -3.5e-17 | 4.7e-17 | 2 | -0.74 | 1 |  |
| (AKI 3-P2) - (EE 4-P6) | 2.1e-16 | 3.8e-17 | 2 | 5.56 | 0.26 |  |
| (AKI 3-P2) - (EE 5-P1) | -1.4e-17 | 4.7e-17 | 2 | -0.3 | 1 |  |
| (AKI 3-P2) - (EE 5-P3) | -3.5e-17 | 4.7e-17 | 2 | -0.74 | 1 |  |
| (AKI 3-P2) - (EE 5-P5) | -2e-16 | 4.7e-17 | 2 | -4.32 | 0.4 |  |
| (AKI 3-P2) - (EE 5-P6) | 0 | 4.7e-17 | 2 | 0 | 1 |  |
| (AKI 3-P2) - (EE 5-P7) | -2.8e-17 | 4.7e-17 | 2 | -0.6 | 1 |  |
| (AKI 3-P2) - (EE 5-P8) | -6.6e-17 | 3.8e-17 | 2 | -1.73 | 0.94 |  |
| (AKI 3-P2) - (EE 5-P9) | -3.5e-18 | 4.7e-17 | 2 | -0.07 | 1 |  |
| (AKI 3-P2) - (IBI 2-P1) | -4.9e-17 | 3.8e-17 | 2 | -1.28 | 0.99 |  |
| (AKI 3-P2) - (IL 1-P22) | 3.5e-18 | 3.8e-17 | 2 | 0.09 | 1 |  |
| (AKI 3-P2) - (IL 2-P23) | -9.7e-17 | 3.8e-17 | 2 | -2.55 | 0.75 |  |
| (AKI 3-P2) - (IL 4-P25) | -3.5e-17 | 3.8e-17 | 2 | -0.91 | 1 |  |
| (AKI 3-P2) - (IS 1-P1) | 7.6e-17 | 4.7e-17 | 2 | 1.64 | 0.96 |  |
| (AKI 3-P2) - (IS 1-P2) | -3.5e-18 | 4.7e-17 | 2 | -0.07 | 1 |  |
| (AKI 3-P2) - (ITU 2-P1) | -3.1e-17 | 3.8e-17 | 2 | -0.82 | 1 |  |
| (AKI 3-P2) - (ITU 4-P2) | -3.5e-17 | 4.7e-17 | 2 | -0.74 | 1 |  |
| (AKI 3-P2) - (ON 4-P26) | -5.5e-16 | 4.7e-17 | 2 | -11.76 | 0.07 |  |
| (AKI 3-P4) - (AKN 1-P1) | 2.5e-16 | 4.7e-17 | 2 | 5.36 | 0.28 |  |
| (AKI 3-P4) - (AKN 1-P2) | -1.5e-16 | 4.7e-17 | 2 | -3.28 | 0.58 |  |
| (AKI 3-P4) - (AKN 1-P5) | -3.5e-17 | 4.7e-17 | 2 | -0.74 | 1 |  |
| (AKI 3-P4) - (AKN 2-P2) | -8.3e-17 | 4.7e-17 | 2 | -1.79 | 0.93 |  |
| (AKI 3-P4) - (AKN 2-P3) | -1.2e-16 | 4.7e-17 | 2 | -2.61 | 0.74 |  |
| (AKI 3-P4) - (AKN 2-P5) | -5.6e-17 | 4.7e-17 | 2 | -1.19 | 1 |  |
| (AKI 3-P4) - (EE 1-P1) | -3.1e-17 | 4.7e-17 | 2 | -0.67 | 1 |  |
| (AKI 3-P4) - (EE 1-P2) | -2.1e-17 | 4.7e-17 | 2 | -0.45 | 1 |  |
| (AKI 3-P4) - (EE 1-P3) | -1.8e-16 | 4.7e-17 | 2 | -3.87 | 0.46 |  |
| (AKI 3-P4) - (EE 1-P4) | -4.5e-17 | 3.8e-17 | 2 | -1.19 | 1 |  |
| (AKI 3-P4) - (EE 1-P6-1) | -1e-16 | 4.7e-17 | 2 | -2.23 | 0.83 |  |
| (AKI 3-P4) - (EE 1-P6-2) | -2.1e-17 | 4.7e-17 | 2 | -0.45 | 1 |  |
| (AKI 3-P4) - (EE 4-P1) | -1 | 4.7e-17 | 2 | -21461080147966328 | 1.9e-13 | \*\*\* |
| (AKI 3-P4) - (EE 4-P2) | -9e-17 | 4.7e-17 | 2 | -1.94 | 0.9 |  |
| (AKI 3-P4) - (EE 4-P3) | -5.6e-17 | 4.7e-17 | 2 | -1.19 | 1 |  |
| (AKI 3-P4) - (EE 4-P4) | 3.5e-17 | 4.7e-17 | 2 | 0.74 | 1 |  |
| (AKI 3-P4) - (EE 4-P5) | -5.9e-17 | 4.7e-17 | 2 | -1.27 | 0.99 |  |
| (AKI 3-P4) - (EE 4-P6) | 1.9e-16 | 4.7e-17 | 2 | 4.02 | 0.44 |  |
| (AKI 3-P4) - (EE 5-P1) | -3.8e-17 | 4.7e-17 | 2 | -0.82 | 1 |  |
| (AKI 3-P4) - (EE 5-P3) | -5.9e-17 | 3.8e-17 | 2 | -1.55 | 0.97 |  |
| (AKI 3-P4) - (EE 5-P5) | -2.3e-16 | 4.7e-17 | 2 | -4.84 | 0.33 |  |
| (AKI 3-P4) - (EE 5-P6) | -2.4e-17 | 4.7e-17 | 2 | -0.52 | 1 |  |
| (AKI 3-P4) - (EE 5-P7) | -5.2e-17 | 3.8e-17 | 2 | -1.37 | 0.99 |  |
| (AKI 3-P4) - (EE 5-P8) | -9e-17 | 4.7e-17 | 2 | -1.94 | 0.9 |  |
| (AKI 3-P4) - (EE 5-P9) | -2.8e-17 | 4.7e-17 | 2 | -0.6 | 1 |  |
| (AKI 3-P4) - (IBI 2-P1) | -7.3e-17 | 4.7e-17 | 2 | -1.56 | 0.97 |  |
| (AKI 3-P4) - (IL 1-P22) | -2.1e-17 | 4.7e-17 | 2 | -0.45 | 1 |  |
| (AKI 3-P4) - (IL 2-P23) | -1.2e-16 | 4.7e-17 | 2 | -2.61 | 0.74 |  |
| (AKI 3-P4) - (IL 4-P25) | -5.9e-17 | 4.7e-17 | 2 | -1.27 | 0.99 |  |
| (AKI 3-P4) - (IS 1-P1) | 5.2e-17 | 4.7e-17 | 2 | 1.12 | 1 |  |
| (AKI 3-P4) - (IS 1-P2) | -2.8e-17 | 4.7e-17 | 2 | -0.6 | 1 |  |
| (AKI 3-P4) - (ITU 2-P1) | -5.6e-17 | 4.7e-17 | 2 | -1.19 | 1 |  |
| (AKI 3-P4) - (ITU 4-P2) | -5.9e-17 | 3.8e-17 | 2 | -1.55 | 0.97 |  |
| (AKI 3-P4) - (ON 4-P26) | -5.7e-16 | 4.7e-17 | 2 | -12.29 | 0.06 |  |
| (AKN 1-P1) - (AKN 1-P2) | -4e-16 | 3.8e-17 | 2 | -10.58 | 0.08 |  |
| (AKN 1-P1) - (AKN 1-P5) | -2.8e-16 | 3.8e-17 | 2 | -7.48 | 0.16 |  |
| (AKN 1-P1) - (AKN 2-P2) | -3.3e-16 | 4.7e-17 | 2 | -7.15 | 0.17 |  |
| (AKN 1-P1) - (AKN 2-P3) | -3.7e-16 | 4.7e-17 | 2 | -7.97 | 0.14 |  |
| (AKN 1-P1) - (AKN 2-P5) | -3.1e-16 | 4.7e-17 | 2 | -6.55 | 0.2 |  |
| (AKN 1-P1) - (EE 1-P1) | -2.8e-16 | 4.7e-17 | 2 | -6.03 | 0.23 |  |
| (AKN 1-P1) - (EE 1-P2) | -2.7e-16 | 4.7e-17 | 2 | -5.81 | 0.25 |  |
| (AKN 1-P1) - (EE 1-P3) | -4.3e-16 | 3.8e-17 | 2 | -11.31 | 0.07 |  |
| (AKN 1-P1) - (EE 1-P4) | -2.9e-16 | 4.7e-17 | 2 | -6.33 | 0.21 |  |
| (AKN 1-P1) - (EE 1-P6-1) | -3.5e-16 | 4.7e-17 | 2 | -7.59 | 0.15 |  |
| (AKN 1-P1) - (EE 1-P6-2) | -2.7e-16 | 4.7e-17 | 2 | -5.81 | 0.25 |  |
| (AKN 1-P1) - (EE 4-P1) | -1 | 4.7e-17 | 2 | -21461080147966308 | 1.9e-13 | \*\*\* |
| (AKN 1-P1) - (EE 4-P2) | -3.4e-16 | 3.8e-17 | 2 | -8.94 | 0.11 |  |
| (AKN 1-P1) - (EE 4-P3) | -3.1e-16 | 4.7e-17 | 2 | -6.55 | 0.2 |  |
| (AKN 1-P1) - (EE 4-P4) | -2.2e-16 | 3.8e-17 | 2 | -5.65 | 0.26 |  |
| (AKN 1-P1) - (EE 4-P5) | -3.1e-16 | 3.8e-17 | 2 | -8.12 | 0.14 |  |
| (AKN 1-P1) - (EE 4-P6) | -6.2e-17 | 4.7e-17 | 2 | -1.34 | 0.99 |  |
| (AKN 1-P1) - (EE 5-P1) | -2.9e-16 | 3.8e-17 | 2 | -7.57 | 0.15 |  |
| (AKN 1-P1) - (EE 5-P3) | -3.1e-16 | 4.7e-17 | 2 | -6.63 | 0.2 |  |
| (AKN 1-P1) - (EE 5-P5) | -4.8e-16 | 3.8e-17 | 2 | -12.49 | 0.06 |  |
| (AKN 1-P1) - (EE 5-P6) | -2.7e-16 | 3.8e-17 | 2 | -7.2 | 0.17 |  |
| (AKN 1-P1) - (EE 5-P7) | -3e-16 | 4.7e-17 | 2 | -6.48 | 0.2 |  |
| (AKN 1-P1) - (EE 5-P8) | -3.4e-16 | 4.7e-17 | 2 | -7.3 | 0.16 |  |
| (AKN 1-P1) - (EE 5-P9) | -2.8e-16 | 3.8e-17 | 2 | -7.3 | 0.16 |  |
| (AKN 1-P1) - (IBI 2-P1) | -3.2e-16 | 4.7e-17 | 2 | -6.92 | 0.18 |  |
| (AKN 1-P1) - (IL 1-P22) | -2.7e-16 | 4.7e-17 | 2 | -5.81 | 0.25 |  |
| (AKN 1-P1) - (IL 2-P23) | -3.7e-16 | 4.7e-17 | 2 | -7.97 | 0.14 |  |
| (AKN 1-P1) - (IL 4-P25) | -3.1e-16 | 4.7e-17 | 2 | -6.63 | 0.2 |  |
| (AKN 1-P1) - (IS 1-P1) | -2e-16 | 3.8e-17 | 2 | -5.2 | 0.3 |  |
| (AKN 1-P1) - (IS 1-P2) | -2.8e-16 | 3.8e-17 | 2 | -7.3 | 0.16 |  |
| (AKN 1-P1) - (ITU 2-P1) | -3.1e-16 | 4.7e-17 | 2 | -6.55 | 0.2 |  |
| (AKN 1-P1) - (ITU 4-P2) | -3.1e-16 | 4.7e-17 | 2 | -6.63 | 0.2 |  |
| (AKN 1-P1) - (ON 4-P26) | -8.2e-16 | 3.8e-17 | 2 | -21.61 | 0.02 | \* |
| (AKN 1-P2) - (AKN 1-P5) | 1.2e-16 | 3.8e-17 | 2 | 3.1 | 0.62 |  |
| (AKN 1-P2) - (AKN 2-P2) | 6.9e-17 | 4.7e-17 | 2 | 1.49 | 0.97 |  |
| (AKN 1-P2) - (AKN 2-P3) | 3.1e-17 | 4.7e-17 | 2 | 0.67 | 1 |  |
| (AKN 1-P2) - (AKN 2-P5) | 9.7e-17 | 4.7e-17 | 2 | 2.08 | 0.87 |  |
| (AKN 1-P2) - (EE 1-P1) | 1.2e-16 | 4.7e-17 | 2 | 2.61 | 0.74 |  |
| (AKN 1-P2) - (EE 1-P2) | 1.3e-16 | 4.7e-17 | 2 | 2.83 | 0.68 |  |
| (AKN 1-P2) - (EE 1-P3) | -2.8e-17 | 3.8e-17 | 2 | -0.73 | 1 |  |
| (AKN 1-P2) - (EE 1-P4) | 1.1e-16 | 4.7e-17 | 2 | 2.31 | 0.81 |  |
| (AKN 1-P2) - (EE 1-P6-1) | 4.9e-17 | 4.7e-17 | 2 | 1.04 | 1 |  |
| (AKN 1-P2) - (EE 1-P6-2) | 1.3e-16 | 4.7e-17 | 2 | 2.83 | 0.68 |  |
| (AKN 1-P2) - (EE 4-P1) | -1 | 4.7e-17 | 2 | -21461080147966336 | 1.9e-13 | \*\*\* |
| (AKN 1-P2) - (EE 4-P2) | 6.2e-17 | 3.8e-17 | 2 | 1.64 | 0.96 |  |
| (AKN 1-P2) - (EE 4-P3) | 9.7e-17 | 4.7e-17 | 2 | 2.08 | 0.87 |  |
| (AKN 1-P2) - (EE 4-P4) | 1.9e-16 | 3.8e-17 | 2 | 4.92 | 0.32 |  |
| (AKN 1-P2) - (EE 4-P5) | 9.4e-17 | 3.8e-17 | 2 | 2.46 | 0.77 |  |
| (AKN 1-P2) - (EE 4-P6) | 3.4e-16 | 4.7e-17 | 2 | 7.3 | 0.16 |  |
| (AKN 1-P2) - (EE 5-P1) | 1.1e-16 | 3.8e-17 | 2 | 3.01 | 0.64 |  |
| (AKN 1-P2) - (EE 5-P3) | 9.4e-17 | 4.7e-17 | 2 | 2.01 | 0.88 |  |
| (AKN 1-P2) - (EE 5-P5) | -7.3e-17 | 3.8e-17 | 2 | -1.92 | 0.91 |  |
| (AKN 1-P2) - (EE 5-P6) | 1.3e-16 | 3.8e-17 | 2 | 3.37 | 0.56 |  |
| (AKN 1-P2) - (EE 5-P7) | 1e-16 | 4.7e-17 | 2 | 2.16 | 0.85 |  |
| (AKN 1-P2) - (EE 5-P8) | 6.2e-17 | 4.7e-17 | 2 | 1.34 | 0.99 |  |
| (AKN 1-P2) - (EE 5-P9) | 1.2e-16 | 3.8e-17 | 2 | 3.28 | 0.58 |  |
| (AKN 1-P2) - (IBI 2-P1) | 8e-17 | 4.7e-17 | 2 | 1.71 | 0.94 |  |
| (AKN 1-P2) - (IL 1-P22) | 1.3e-16 | 4.7e-17 | 2 | 2.83 | 0.68 |  |
| (AKN 1-P2) - (IL 2-P23) | 3.1e-17 | 4.7e-17 | 2 | 0.67 | 1 |  |
| (AKN 1-P2) - (IL 4-P25) | 9.4e-17 | 4.7e-17 | 2 | 2.01 | 0.88 |  |
| (AKN 1-P2) - (IS 1-P1) | 2e-16 | 3.8e-17 | 2 | 5.38 | 0.28 |  |
| (AKN 1-P2) - (IS 1-P2) | 1.2e-16 | 3.8e-17 | 2 | 3.28 | 0.58 |  |
| (AKN 1-P2) - (ITU 2-P1) | 9.7e-17 | 4.7e-17 | 2 | 2.08 | 0.87 |  |
| (AKN 1-P2) - (ITU 4-P2) | 9.4e-17 | 4.7e-17 | 2 | 2.01 | 0.88 |  |
| (AKN 1-P2) - (ON 4-P26) | -4.2e-16 | 3.8e-17 | 2 | -11.03 | 0.08 |  |
| (AKN 1-P5) - (AKN 2-P2) | -4.9e-17 | 4.7e-17 | 2 | -1.04 | 1 |  |
| (AKN 1-P5) - (AKN 2-P3) | -8.7e-17 | 4.7e-17 | 2 | -1.86 | 0.92 |  |
| (AKN 1-P5) - (AKN 2-P5) | -2.1e-17 | 4.7e-17 | 2 | -0.45 | 1 |  |
| (AKN 1-P5) - (EE 1-P1) | 3.5e-18 | 4.7e-17 | 2 | 0.07 | 1 |  |
| (AKN 1-P5) - (EE 1-P2) | 1.4e-17 | 4.7e-17 | 2 | 0.3 | 1 |  |
| (AKN 1-P5) - (EE 1-P3) | -1.5e-16 | 3.8e-17 | 2 | -3.83 | 0.47 |  |
| (AKN 1-P5) - (EE 1-P4) | -1e-17 | 4.7e-17 | 2 | -0.22 | 1 |  |
| (AKN 1-P5) - (EE 1-P6-1) | -6.9e-17 | 4.7e-17 | 2 | -1.49 | 0.97 |  |
| (AKN 1-P5) - (EE 1-P6-2) | 1.4e-17 | 4.7e-17 | 2 | 0.3 | 1 |  |
| (AKN 1-P5) - (EE 4-P1) | -1 | 4.7e-17 | 2 | -21461080147966328 | 1.9e-13 | \*\*\* |
| (AKN 1-P5) - (EE 4-P2) | -5.6e-17 | 3.8e-17 | 2 | -1.46 | 0.98 |  |
| (AKN 1-P5) - (EE 4-P3) | -2.1e-17 | 4.7e-17 | 2 | -0.45 | 1 |  |
| (AKN 1-P5) - (EE 4-P4) | 6.9e-17 | 3.8e-17 | 2 | 1.82 | 0.92 |  |
| (AKN 1-P5) - (EE 4-P5) | -2.4e-17 | 3.8e-17 | 2 | -0.64 | 1 |  |
| (AKN 1-P5) - (EE 4-P6) | 2.2e-16 | 4.7e-17 | 2 | 4.77 | 0.34 |  |
| (AKN 1-P5) - (EE 5-P1) | -3.5e-18 | 3.8e-17 | 2 | -0.09 | 1 |  |
| (AKN 1-P5) - (EE 5-P3) | -2.4e-17 | 4.7e-17 | 2 | -0.52 | 1 |  |
| (AKN 1-P5) - (EE 5-P5) | -1.9e-16 | 3.8e-17 | 2 | -5.02 | 0.31 |  |
| (AKN 1-P5) - (EE 5-P6) | 1e-17 | 3.8e-17 | 2 | 0.27 | 1 |  |
| (AKN 1-P5) - (EE 5-P7) | -1.7e-17 | 4.7e-17 | 2 | -0.37 | 1 |  |
| (AKN 1-P5) - (EE 5-P8) | -5.6e-17 | 4.7e-17 | 2 | -1.19 | 1 |  |
| (AKN 1-P5) - (EE 5-P9) | 6.9e-18 | 3.8e-17 | 2 | 0.18 | 1 |  |
| (AKN 1-P5) - (IBI 2-P1) | -3.8e-17 | 4.7e-17 | 2 | -0.82 | 1 |  |
| (AKN 1-P5) - (IL 1-P22) | 1.4e-17 | 4.7e-17 | 2 | 0.3 | 1 |  |
| (AKN 1-P5) - (IL 2-P23) | -8.7e-17 | 4.7e-17 | 2 | -1.86 | 0.92 |  |
| (AKN 1-P5) - (IL 4-P25) | -2.4e-17 | 4.7e-17 | 2 | -0.52 | 1 |  |
| (AKN 1-P5) - (IS 1-P1) | 8.7e-17 | 3.8e-17 | 2 | 2.28 | 0.82 |  |
| (AKN 1-P5) - (IS 1-P2) | 6.9e-18 | 3.8e-17 | 2 | 0.18 | 1 |  |
| (AKN 1-P5) - (ITU 2-P1) | -2.1e-17 | 4.7e-17 | 2 | -0.45 | 1 |  |
| (AKN 1-P5) - (ITU 4-P2) | -2.4e-17 | 4.7e-17 | 2 | -0.52 | 1 |  |
| (AKN 1-P5) - (ON 4-P26) | -5.4e-16 | 3.8e-17 | 2 | -14.13 | 0.05 | \* |
| (AKN 2-P2) - (AKN 2-P3) | -3.8e-17 | 3.8e-17 | 2 | -1 | 1 |  |
| (AKN 2-P2) - (AKN 2-P5) | 2.8e-17 | 3.8e-17 | 2 | 0.73 | 1 |  |
| (AKN 2-P2) - (EE 1-P1) | 5.2e-17 | 3.8e-17 | 2 | 1.37 | 0.99 |  |
| (AKN 2-P2) - (EE 1-P2) | 6.2e-17 | 3.8e-17 | 2 | 1.64 | 0.96 |  |
| (AKN 2-P2) - (EE 1-P3) | -9.7e-17 | 4.7e-17 | 2 | -2.08 | 0.87 |  |
| (AKN 2-P2) - (EE 1-P4) | 3.8e-17 | 4.7e-17 | 2 | 0.82 | 1 |  |
| (AKN 2-P2) - (EE 1-P6-1) | -2.1e-17 | 3.8e-17 | 2 | -0.55 | 1 |  |
| (AKN 2-P2) - (EE 1-P6-2) | 6.2e-17 | 3.8e-17 | 2 | 1.64 | 0.96 |  |
| (AKN 2-P2) - (EE 4-P1) | -1 | 3.8e-17 | 2 | -26284347845745612 | 1.9e-13 | \*\*\* |
| (AKN 2-P2) - (EE 4-P2) | -6.9e-18 | 4.7e-17 | 2 | -0.15 | 1 |  |
| (AKN 2-P2) - (EE 4-P3) | 2.8e-17 | 3.8e-17 | 2 | 0.73 | 1 |  |
| (AKN 2-P2) - (EE 4-P4) | 1.2e-16 | 4.7e-17 | 2 | 2.53 | 0.76 |  |
| (AKN 2-P2) - (EE 4-P5) | 2.4e-17 | 4.7e-17 | 2 | 0.52 | 1 |  |
| (AKN 2-P2) - (EE 4-P6) | 2.7e-16 | 3.8e-17 | 2 | 7.11 | 0.17 |  |
| (AKN 2-P2) - (EE 5-P1) | 4.5e-17 | 4.7e-17 | 2 | 0.97 | 1 |  |
| (AKN 2-P2) - (EE 5-P3) | 2.4e-17 | 4.7e-17 | 2 | 0.52 | 1 |  |
| (AKN 2-P2) - (EE 5-P5) | -1.4e-16 | 4.7e-17 | 2 | -3.05 | 0.63 |  |
| (AKN 2-P2) - (EE 5-P6) | 5.9e-17 | 4.7e-17 | 2 | 1.27 | 0.99 |  |
| (AKN 2-P2) - (EE 5-P7) | 3.1e-17 | 4.7e-17 | 2 | 0.67 | 1 |  |
| (AKN 2-P2) - (EE 5-P8) | -6.9e-18 | 3.8e-17 | 2 | -0.18 | 1 |  |
| (AKN 2-P2) - (EE 5-P9) | 5.6e-17 | 4.7e-17 | 2 | 1.19 | 1 |  |
| (AKN 2-P2) - (IBI 2-P1) | 1e-17 | 3.8e-17 | 2 | 0.27 | 1 |  |
| (AKN 2-P2) - (IL 1-P22) | 6.2e-17 | 3.8e-17 | 2 | 1.64 | 0.96 |  |
| (AKN 2-P2) - (IL 2-P23) | -3.8e-17 | 3.8e-17 | 2 | -1 | 1 |  |
| (AKN 2-P2) - (IL 4-P25) | 2.4e-17 | 3.8e-17 | 2 | 0.64 | 1 |  |
| (AKN 2-P2) - (IS 1-P1) | 1.4e-16 | 4.7e-17 | 2 | 2.9 | 0.66 |  |
| (AKN 2-P2) - (IS 1-P2) | 5.6e-17 | 4.7e-17 | 2 | 1.19 | 1 |  |
| (AKN 2-P2) - (ITU 2-P1) | 2.8e-17 | 3.8e-17 | 2 | 0.73 | 1 |  |
| (AKN 2-P2) - (ITU 4-P2) | 2.4e-17 | 4.7e-17 | 2 | 0.52 | 1 |  |
| (AKN 2-P2) - (ON 4-P26) | -4.9e-16 | 4.7e-17 | 2 | -10.5 | 0.08 |  |
| (AKN 2-P3) - (AKN 2-P5) | 6.6e-17 | 3.8e-17 | 2 | 1.73 | 0.94 |  |
| (AKN 2-P3) - (EE 1-P1) | 9e-17 | 3.8e-17 | 2 | 2.37 | 0.8 |  |
| (AKN 2-P3) - (EE 1-P2) | 1e-16 | 3.8e-17 | 2 | 2.64 | 0.73 |  |
| (AKN 2-P3) - (EE 1-P3) | -5.9e-17 | 4.7e-17 | 2 | -1.27 | 0.99 |  |
| (AKN 2-P3) - (EE 1-P4) | 7.6e-17 | 4.7e-17 | 2 | 1.64 | 0.96 |  |
| (AKN 2-P3) - (EE 1-P6-1) | 1.7e-17 | 3.8e-17 | 2 | 0.46 | 1 |  |
| (AKN 2-P3) - (EE 1-P6-2) | 1e-16 | 3.8e-17 | 2 | 2.64 | 0.73 |  |
| (AKN 2-P3) - (EE 4-P1) | -1 | 3.8e-17 | 2 | -26284347845745608 | 1.9e-13 | \*\*\* |
| (AKN 2-P3) - (EE 4-P2) | 3.1e-17 | 4.7e-17 | 2 | 0.67 | 1 |  |
| (AKN 2-P3) - (EE 4-P3) | 6.6e-17 | 3.8e-17 | 2 | 1.73 | 0.94 |  |
| (AKN 2-P3) - (EE 4-P4) | 1.6e-16 | 4.7e-17 | 2 | 3.35 | 0.56 |  |
| (AKN 2-P3) - (EE 4-P5) | 6.2e-17 | 4.7e-17 | 2 | 1.34 | 0.99 |  |
| (AKN 2-P3) - (EE 4-P6) | 3.1e-16 | 3.8e-17 | 2 | 8.12 | 0.14 |  |
| (AKN 2-P3) - (EE 5-P1) | 8.3e-17 | 4.7e-17 | 2 | 1.79 | 0.93 |  |
| (AKN 2-P3) - (EE 5-P3) | 6.2e-17 | 4.7e-17 | 2 | 1.34 | 0.99 |  |
| (AKN 2-P3) - (EE 5-P5) | -1e-16 | 4.7e-17 | 2 | -2.23 | 0.83 |  |
| (AKN 2-P3) - (EE 5-P6) | 9.7e-17 | 4.7e-17 | 2 | 2.08 | 0.87 |  |
| (AKN 2-P3) - (EE 5-P7) | 6.9e-17 | 4.7e-17 | 2 | 1.49 | 0.97 |  |
| (AKN 2-P3) - (EE 5-P8) | 3.1e-17 | 3.8e-17 | 2 | 0.82 | 1 |  |
| (AKN 2-P3) - (EE 5-P9) | 9.4e-17 | 4.7e-17 | 2 | 2.01 | 0.88 |  |
| (AKN 2-P3) - (IBI 2-P1) | 4.9e-17 | 3.8e-17 | 2 | 1.28 | 0.99 |  |
| (AKN 2-P3) - (IL 1-P22) | 1e-16 | 3.8e-17 | 2 | 2.64 | 0.73 |  |
| (AKN 2-P3) - (IL 2-P23) | 0 | 3.8e-17 | 2 | 0 | 1 |  |
| (AKN 2-P3) - (IL 4-P25) | 6.2e-17 | 3.8e-17 | 2 | 1.64 | 0.96 |  |
| (AKN 2-P3) - (IS 1-P1) | 1.7e-16 | 4.7e-17 | 2 | 3.72 | 0.49 |  |
| (AKN 2-P3) - (IS 1-P2) | 9.4e-17 | 4.7e-17 | 2 | 2.01 | 0.88 |  |
| (AKN 2-P3) - (ITU 2-P1) | 6.6e-17 | 3.8e-17 | 2 | 1.73 | 0.94 |  |
| (AKN 2-P3) - (ITU 4-P2) | 6.2e-17 | 4.7e-17 | 2 | 1.34 | 0.99 |  |
| (AKN 2-P3) - (ON 4-P26) | -4.5e-16 | 4.7e-17 | 2 | -9.68 | 0.1 |  |
| (AKN 2-P5) - (EE 1-P1) | 2.4e-17 | 3.8e-17 | 2 | 0.64 | 1 |  |
| (AKN 2-P5) - (EE 1-P2) | 3.5e-17 | 3.8e-17 | 2 | 0.91 | 1 |  |
| (AKN 2-P5) - (EE 1-P3) | -1.2e-16 | 4.7e-17 | 2 | -2.68 | 0.72 |  |
| (AKN 2-P5) - (EE 1-P4) | 1e-17 | 4.7e-17 | 2 | 0.22 | 1 |  |
| (AKN 2-P5) - (EE 1-P6-1) | -4.9e-17 | 3.8e-17 | 2 | -1.28 | 0.99 |  |
| (AKN 2-P5) - (EE 1-P6-2) | 3.5e-17 | 3.8e-17 | 2 | 0.91 | 1 |  |
| (AKN 2-P5) - (EE 4-P1) | -1 | 3.8e-17 | 2 | -26284347845745600 | 1.9e-13 | \*\*\* |
| (AKN 2-P5) - (EE 4-P2) | -3.5e-17 | 4.7e-17 | 2 | -0.74 | 1 |  |
| (AKN 2-P5) - (EE 4-P3) | 0 | 3.8e-17 | 2 | 0 | 1 |  |
| (AKN 2-P5) - (EE 4-P4) | 9e-17 | 4.7e-17 | 2 | 1.94 | 0.9 |  |
| (AKN 2-P5) - (EE 4-P5) | -3.5e-18 | 4.7e-17 | 2 | -0.07 | 1 |  |
| (AKN 2-P5) - (EE 4-P6) | 2.4e-16 | 3.8e-17 | 2 | 6.38 | 0.21 |  |
| (AKN 2-P5) - (EE 5-P1) | 1.7e-17 | 4.7e-17 | 2 | 0.37 | 1 |  |
| (AKN 2-P5) - (EE 5-P3) | -3.5e-18 | 4.7e-17 | 2 | -0.07 | 1 |  |
| (AKN 2-P5) - (EE 5-P5) | -1.7e-16 | 4.7e-17 | 2 | -3.65 | 0.5 |  |
| (AKN 2-P5) - (EE 5-P6) | 3.1e-17 | 4.7e-17 | 2 | 0.67 | 1 |  |
| (AKN 2-P5) - (EE 5-P7) | 3.5e-18 | 4.7e-17 | 2 | 0.07 | 1 |  |
| (AKN 2-P5) - (EE 5-P8) | -3.5e-17 | 3.8e-17 | 2 | -0.91 | 1 |  |
| (AKN 2-P5) - (EE 5-P9) | 2.8e-17 | 4.7e-17 | 2 | 0.6 | 1 |  |
| (AKN 2-P5) - (IBI 2-P1) | -1.7e-17 | 3.8e-17 | 2 | -0.46 | 1 |  |
| (AKN 2-P5) - (IL 1-P22) | 3.5e-17 | 3.8e-17 | 2 | 0.91 | 1 |  |
| (AKN 2-P5) - (IL 2-P23) | -6.6e-17 | 3.8e-17 | 2 | -1.73 | 0.94 |  |
| (AKN 2-P5) - (IL 4-P25) | -3.5e-18 | 3.8e-17 | 2 | -0.09 | 1 |  |
| (AKN 2-P5) - (IS 1-P1) | 1.1e-16 | 4.7e-17 | 2 | 2.31 | 0.81 |  |
| (AKN 2-P5) - (IS 1-P2) | 2.8e-17 | 4.7e-17 | 2 | 0.6 | 1 |  |
| (AKN 2-P5) - (ITU 2-P1) | 0 | 3.8e-17 | 2 | 0 | 1 |  |
| (AKN 2-P5) - (ITU 4-P2) | -3.5e-18 | 4.7e-17 | 2 | -0.07 | 1 |  |
| (AKN 2-P5) - (ON 4-P26) | -5.2e-16 | 4.7e-17 | 2 | -11.09 | 0.08 |  |
| (EE 1-P1) - (EE 1-P2) | 1e-17 | 3.8e-17 | 2 | 0.27 | 1 |  |
| (EE 1-P1) - (EE 1-P3) | -1.5e-16 | 4.7e-17 | 2 | -3.2 | 0.59 |  |
| (EE 1-P1) - (EE 1-P4) | -1.4e-17 | 4.7e-17 | 2 | -0.3 | 1 |  |
| (EE 1-P1) - (EE 1-P6-1) | -7.3e-17 | 3.8e-17 | 2 | -1.92 | 0.91 |  |
| (EE 1-P1) - (EE 1-P6-2) | 1e-17 | 3.8e-17 | 2 | 0.27 | 1 |  |
| (EE 1-P1) - (EE 4-P1) | -1 | 3.8e-17 | 2 | -26284347845745604 | 1.9e-13 | \*\*\* |
| (EE 1-P1) - (EE 4-P2) | -5.9e-17 | 4.7e-17 | 2 | -1.27 | 0.99 |  |
| (EE 1-P1) - (EE 4-P3) | -2.4e-17 | 3.8e-17 | 2 | -0.64 | 1 |  |
| (EE 1-P1) - (EE 4-P4) | 6.6e-17 | 4.7e-17 | 2 | 1.41 | 0.98 |  |
| (EE 1-P1) - (EE 4-P5) | -2.8e-17 | 4.7e-17 | 2 | -0.6 | 1 |  |
| (EE 1-P1) - (EE 4-P6) | 2.2e-16 | 3.8e-17 | 2 | 5.75 | 0.25 |  |
| (EE 1-P1) - (EE 5-P1) | -6.9e-18 | 4.7e-17 | 2 | -0.15 | 1 |  |
| (EE 1-P1) - (EE 5-P3) | -2.8e-17 | 4.7e-17 | 2 | -0.6 | 1 |  |
| (EE 1-P1) - (EE 5-P5) | -1.9e-16 | 4.7e-17 | 2 | -4.17 | 0.42 |  |
| (EE 1-P1) - (EE 5-P6) | 6.9e-18 | 4.7e-17 | 2 | 0.15 | 1 |  |
| (EE 1-P1) - (EE 5-P7) | -2.1e-17 | 4.7e-17 | 2 | -0.45 | 1 |  |
| (EE 1-P1) - (EE 5-P8) | -5.9e-17 | 3.8e-17 | 2 | -1.55 | 0.97 |  |
| (EE 1-P1) - (EE 5-P9) | 3.5e-18 | 4.7e-17 | 2 | 0.07 | 1 |  |
| (EE 1-P1) - (IBI 2-P1) | -4.2e-17 | 3.8e-17 | 2 | -1.09 | 1 |  |
| (EE 1-P1) - (IL 1-P22) | 1e-17 | 3.8e-17 | 2 | 0.27 | 1 |  |
| (EE 1-P1) - (IL 2-P23) | -9e-17 | 3.8e-17 | 2 | -2.37 | 0.8 |  |
| (EE 1-P1) - (IL 4-P25) | -2.8e-17 | 3.8e-17 | 2 | -0.73 | 1 |  |
| (EE 1-P1) - (IS 1-P1) | 8.3e-17 | 4.7e-17 | 2 | 1.79 | 0.93 |  |
| (EE 1-P1) - (IS 1-P2) | 3.5e-18 | 4.7e-17 | 2 | 0.07 | 1 |  |
| (EE 1-P1) - (ITU 2-P1) | -2.4e-17 | 3.8e-17 | 2 | -0.64 | 1 |  |
| (EE 1-P1) - (ITU 4-P2) | -2.8e-17 | 4.7e-17 | 2 | -0.6 | 1 |  |
| (EE 1-P1) - (ON 4-P26) | -5.4e-16 | 4.7e-17 | 2 | -11.62 | 0.07 |  |
| (EE 1-P2) - (EE 1-P3) | -1.6e-16 | 4.7e-17 | 2 | -3.43 | 0.55 |  |
| (EE 1-P2) - (EE 1-P4) | -2.4e-17 | 4.7e-17 | 2 | -0.52 | 1 |  |
| (EE 1-P2) - (EE 1-P6-1) | -8.3e-17 | 3.8e-17 | 2 | -2.19 | 0.84 |  |
| (EE 1-P2) - (EE 1-P6-2) | 0 | 3.8e-17 | 2 | 0 | 1 |  |
| (EE 1-P2) - (EE 4-P1) | -1 | 3.8e-17 | 2 | -26284347845745612 | 1.9e-13 | \*\*\* |
| (EE 1-P2) - (EE 4-P2) | -6.9e-17 | 4.7e-17 | 2 | -1.49 | 0.97 |  |
| (EE 1-P2) - (EE 4-P3) | -3.5e-17 | 3.8e-17 | 2 | -0.91 | 1 |  |
| (EE 1-P2) - (EE 4-P4) | 5.6e-17 | 4.7e-17 | 2 | 1.19 | 1 |  |
| (EE 1-P2) - (EE 4-P5) | -3.8e-17 | 4.7e-17 | 2 | -0.82 | 1 |  |
| (EE 1-P2) - (EE 4-P6) | 2.1e-16 | 3.8e-17 | 2 | 5.47 | 0.27 |  |
| (EE 1-P2) - (EE 5-P1) | -1.7e-17 | 4.7e-17 | 2 | -0.37 | 1 |  |
| (EE 1-P2) - (EE 5-P3) | -3.8e-17 | 4.7e-17 | 2 | -0.82 | 1 |  |
| (EE 1-P2) - (EE 5-P5) | -2e-16 | 4.7e-17 | 2 | -4.39 | 0.39 |  |
| (EE 1-P2) - (EE 5-P6) | -3.5e-18 | 4.7e-17 | 2 | -0.07 | 1 |  |
| (EE 1-P2) - (EE 5-P7) | -3.1e-17 | 4.7e-17 | 2 | -0.67 | 1 |  |
| (EE 1-P2) - (EE 5-P8) | -6.9e-17 | 3.8e-17 | 2 | -1.82 | 0.92 |  |
| (EE 1-P2) - (EE 5-P9) | -6.9e-18 | 4.7e-17 | 2 | -0.15 | 1 |  |
| (EE 1-P2) - (IBI 2-P1) | -5.2e-17 | 3.8e-17 | 2 | -1.37 | 0.99 |  |
| (EE 1-P2) - (IL 1-P22) | 0 | 3.8e-17 | 2 | 0 | 1 |  |
| (EE 1-P2) - (IL 2-P23) | -1e-16 | 3.8e-17 | 2 | -2.64 | 0.73 |  |
| (EE 1-P2) - (IL 4-P25) | -3.8e-17 | 3.8e-17 | 2 | -1 | 1 |  |
| (EE 1-P2) - (IS 1-P1) | 7.3e-17 | 4.7e-17 | 2 | 1.56 | 0.97 |  |
| (EE 1-P2) - (IS 1-P2) | -6.9e-18 | 4.7e-17 | 2 | -0.15 | 1 |  |
| (EE 1-P2) - (ITU 2-P1) | -3.5e-17 | 3.8e-17 | 2 | -0.91 | 1 |  |
| (EE 1-P2) - (ITU 4-P2) | -3.8e-17 | 4.7e-17 | 2 | -0.82 | 1 |  |
| (EE 1-P2) - (ON 4-P26) | -5.5e-16 | 4.7e-17 | 2 | -11.84 | 0.07 |  |
| (EE 1-P3) - (EE 1-P4) | 1.4e-16 | 4.7e-17 | 2 | 2.9 | 0.66 |  |
| (EE 1-P3) - (EE 1-P6-1) | 7.6e-17 | 4.7e-17 | 2 | 1.64 | 0.96 |  |
| (EE 1-P3) - (EE 1-P6-2) | 1.6e-16 | 4.7e-17 | 2 | 3.43 | 0.55 |  |
| (EE 1-P3) - (EE 4-P1) | -1 | 4.7e-17 | 2 | -21461080147966328 | 1.9e-13 | \*\*\* |
| (EE 1-P3) - (EE 4-P2) | 9e-17 | 3.8e-17 | 2 | 2.37 | 0.8 |  |
| (EE 1-P3) - (EE 4-P3) | 1.2e-16 | 4.7e-17 | 2 | 2.68 | 0.72 |  |
| (EE 1-P3) - (EE 4-P4) | 2.2e-16 | 3.8e-17 | 2 | 5.65 | 0.26 |  |
| (EE 1-P3) - (EE 4-P5) | 1.2e-16 | 3.8e-17 | 2 | 3.19 | 0.6 |  |
| (EE 1-P3) - (EE 4-P6) | 3.7e-16 | 4.7e-17 | 2 | 7.89 | 0.14 |  |
| (EE 1-P3) - (EE 5-P1) | 1.4e-16 | 3.8e-17 | 2 | 3.74 | 0.49 |  |
| (EE 1-P3) - (EE 5-P3) | 1.2e-16 | 4.7e-17 | 2 | 2.61 | 0.74 |  |
| (EE 1-P3) - (EE 5-P5) | -4.5e-17 | 3.8e-17 | 2 | -1.19 | 1 |  |
| (EE 1-P3) - (EE 5-P6) | 1.6e-16 | 3.8e-17 | 2 | 4.1 | 0.43 |  |
| (EE 1-P3) - (EE 5-P7) | 1.3e-16 | 4.7e-17 | 2 | 2.75 | 0.7 |  |
| (EE 1-P3) - (EE 5-P8) | 9e-17 | 4.7e-17 | 2 | 1.94 | 0.9 |  |
| (EE 1-P3) - (EE 5-P9) | 1.5e-16 | 3.8e-17 | 2 | 4.01 | 0.44 |  |
| (EE 1-P3) - (IBI 2-P1) | 1.1e-16 | 4.7e-17 | 2 | 2.31 | 0.81 |  |
| (EE 1-P3) - (IL 1-P22) | 1.6e-16 | 4.7e-17 | 2 | 3.43 | 0.55 |  |
| (EE 1-P3) - (IL 2-P23) | 5.9e-17 | 4.7e-17 | 2 | 1.27 | 0.99 |  |
| (EE 1-P3) - (IL 4-P25) | 1.2e-16 | 4.7e-17 | 2 | 2.61 | 0.74 |  |
| (EE 1-P3) - (IS 1-P1) | 2.3e-16 | 3.8e-17 | 2 | 6.11 | 0.23 |  |
| (EE 1-P3) - (IS 1-P2) | 1.5e-16 | 3.8e-17 | 2 | 4.01 | 0.44 |  |
| (EE 1-P3) - (ITU 2-P1) | 1.2e-16 | 4.7e-17 | 2 | 2.68 | 0.72 |  |
| (EE 1-P3) - (ITU 4-P2) | 1.2e-16 | 4.7e-17 | 2 | 2.61 | 0.74 |  |
| (EE 1-P3) - (ON 4-P26) | -3.9e-16 | 3.8e-17 | 2 | -10.3 | 0.09 |  |
| (EE 1-P4) - (EE 1-P6-1) | -5.9e-17 | 4.7e-17 | 2 | -1.27 | 0.99 |  |
| (EE 1-P4) - (EE 1-P6-2) | 2.4e-17 | 4.7e-17 | 2 | 0.52 | 1 |  |
| (EE 1-P4) - (EE 4-P1) | -1 | 4.7e-17 | 2 | -21461080147966328 | 1.9e-13 | \*\*\* |
| (EE 1-P4) - (EE 4-P2) | -4.5e-17 | 4.7e-17 | 2 | -0.97 | 1 |  |
| (EE 1-P4) - (EE 4-P3) | -1e-17 | 4.7e-17 | 2 | -0.22 | 1 |  |
| (EE 1-P4) - (EE 4-P4) | 8e-17 | 4.7e-17 | 2 | 1.71 | 0.94 |  |
| (EE 1-P4) - (EE 4-P5) | -1.4e-17 | 4.7e-17 | 2 | -0.3 | 1 |  |
| (EE 1-P4) - (EE 4-P6) | 2.3e-16 | 4.7e-17 | 2 | 4.99 | 0.32 |  |
| (EE 1-P4) - (EE 5-P1) | 6.9e-18 | 4.7e-17 | 2 | 0.15 | 1 |  |
| (EE 1-P4) - (EE 5-P3) | -1.4e-17 | 3.8e-17 | 2 | -0.36 | 1 |  |
| (EE 1-P4) - (EE 5-P5) | -1.8e-16 | 4.7e-17 | 2 | -3.87 | 0.46 |  |
| (EE 1-P4) - (EE 5-P6) | 2.1e-17 | 4.7e-17 | 2 | 0.45 | 1 |  |
| (EE 1-P4) - (EE 5-P7) | -6.9e-18 | 3.8e-17 | 2 | -0.18 | 1 |  |
| (EE 1-P4) - (EE 5-P8) | -4.5e-17 | 4.7e-17 | 2 | -0.97 | 1 |  |
| (EE 1-P4) - (EE 5-P9) | 1.7e-17 | 4.7e-17 | 2 | 0.37 | 1 |  |
| (EE 1-P4) - (IBI 2-P1) | -2.8e-17 | 4.7e-17 | 2 | -0.6 | 1 |  |
| (EE 1-P4) - (IL 1-P22) | 2.4e-17 | 4.7e-17 | 2 | 0.52 | 1 |  |
| (EE 1-P4) - (IL 2-P23) | -7.6e-17 | 4.7e-17 | 2 | -1.64 | 0.96 |  |
| (EE 1-P4) - (IL 4-P25) | -1.4e-17 | 4.7e-17 | 2 | -0.3 | 1 |  |
| (EE 1-P4) - (IS 1-P1) | 9.7e-17 | 4.7e-17 | 2 | 2.08 | 0.87 |  |
| (EE 1-P4) - (IS 1-P2) | 1.7e-17 | 4.7e-17 | 2 | 0.37 | 1 |  |
| (EE 1-P4) - (ITU 2-P1) | -1e-17 | 4.7e-17 | 2 | -0.22 | 1 |  |
| (EE 1-P4) - (ITU 4-P2) | -1.4e-17 | 3.8e-17 | 2 | -0.36 | 1 |  |
| (EE 1-P4) - (ON 4-P26) | -5.3e-16 | 4.7e-17 | 2 | -11.32 | 0.07 |  |
| (EE 1-P6-1) - (EE 1-P6-2) | 8.3e-17 | 3.8e-17 | 2 | 2.19 | 0.84 |  |
| (EE 1-P6-1) - (EE 4-P1) | -1 | 3.8e-17 | 2 | -26284347845745604 | 1.9e-13 | \*\*\* |
| (EE 1-P6-1) - (EE 4-P2) | 1.4e-17 | 4.7e-17 | 2 | 0.3 | 1 |  |
| (EE 1-P6-1) - (EE 4-P3) | 4.9e-17 | 3.8e-17 | 2 | 1.28 | 0.99 |  |
| (EE 1-P6-1) - (EE 4-P4) | 1.4e-16 | 4.7e-17 | 2 | 2.98 | 0.64 |  |
| (EE 1-P6-1) - (EE 4-P5) | 4.5e-17 | 4.7e-17 | 2 | 0.97 | 1 |  |
| (EE 1-P6-1) - (EE 4-P6) | 2.9e-16 | 3.8e-17 | 2 | 7.66 | 0.15 |  |
| (EE 1-P6-1) - (EE 5-P1) | 6.6e-17 | 4.7e-17 | 2 | 1.41 | 0.98 |  |
| (EE 1-P6-1) - (EE 5-P3) | 4.5e-17 | 4.7e-17 | 2 | 0.97 | 1 |  |
| (EE 1-P6-1) - (EE 5-P5) | -1.2e-16 | 4.7e-17 | 2 | -2.61 | 0.74 |  |
| (EE 1-P6-1) - (EE 5-P6) | 8e-17 | 4.7e-17 | 2 | 1.71 | 0.94 |  |
| (EE 1-P6-1) - (EE 5-P7) | 5.2e-17 | 4.7e-17 | 2 | 1.12 | 1 |  |
| (EE 1-P6-1) - (EE 5-P8) | 1.4e-17 | 3.8e-17 | 2 | 0.36 | 1 |  |
| (EE 1-P6-1) - (EE 5-P9) | 7.6e-17 | 4.7e-17 | 2 | 1.64 | 0.96 |  |
| (EE 1-P6-1) - (IBI 2-P1) | 3.1e-17 | 3.8e-17 | 2 | 0.82 | 1 |  |
| (EE 1-P6-1) - (IL 1-P22) | 8.3e-17 | 3.8e-17 | 2 | 2.19 | 0.84 |  |
| (EE 1-P6-1) - (IL 2-P23) | -1.7e-17 | 3.8e-17 | 2 | -0.46 | 1 |  |
| (EE 1-P6-1) - (IL 4-P25) | 4.5e-17 | 3.8e-17 | 2 | 1.19 | 1 |  |
| (EE 1-P6-1) - (IS 1-P1) | 1.6e-16 | 4.7e-17 | 2 | 3.35 | 0.56 |  |
| (EE 1-P6-1) - (IS 1-P2) | 7.6e-17 | 4.7e-17 | 2 | 1.64 | 0.96 |  |
| (EE 1-P6-1) - (ITU 2-P1) | 4.9e-17 | 3.8e-17 | 2 | 1.28 | 0.99 |  |
| (EE 1-P6-1) - (ITU 4-P2) | 4.5e-17 | 4.7e-17 | 2 | 0.97 | 1 |  |
| (EE 1-P6-1) - (ON 4-P26) | -4.7e-16 | 4.7e-17 | 2 | -10.05 | 0.09 |  |
| (EE 1-P6-2) - (EE 4-P1) | -1 | 3.8e-17 | 2 | -26284347845745604 | 1.9e-13 | \*\*\* |
| (EE 1-P6-2) - (EE 4-P2) | -6.9e-17 | 4.7e-17 | 2 | -1.49 | 0.97 |  |
| (EE 1-P6-2) - (EE 4-P3) | -3.5e-17 | 3.8e-17 | 2 | -0.91 | 1 |  |
| (EE 1-P6-2) - (EE 4-P4) | 5.6e-17 | 4.7e-17 | 2 | 1.19 | 1 |  |
| (EE 1-P6-2) - (EE 4-P5) | -3.8e-17 | 4.7e-17 | 2 | -0.82 | 1 |  |
| (EE 1-P6-2) - (EE 4-P6) | 2.1e-16 | 3.8e-17 | 2 | 5.47 | 0.27 |  |
| (EE 1-P6-2) - (EE 5-P1) | -1.7e-17 | 4.7e-17 | 2 | -0.37 | 1 |  |
| (EE 1-P6-2) - (EE 5-P3) | -3.8e-17 | 4.7e-17 | 2 | -0.82 | 1 |  |
| (EE 1-P6-2) - (EE 5-P5) | -2e-16 | 4.7e-17 | 2 | -4.39 | 0.39 |  |
| (EE 1-P6-2) - (EE 5-P6) | -3.5e-18 | 4.7e-17 | 2 | -0.07 | 1 |  |
| (EE 1-P6-2) - (EE 5-P7) | -3.1e-17 | 4.7e-17 | 2 | -0.67 | 1 |  |
| (EE 1-P6-2) - (EE 5-P8) | -6.9e-17 | 3.8e-17 | 2 | -1.82 | 0.92 |  |
| (EE 1-P6-2) - (EE 5-P9) | -6.9e-18 | 4.7e-17 | 2 | -0.15 | 1 |  |
| (EE 1-P6-2) - (IBI 2-P1) | -5.2e-17 | 3.8e-17 | 2 | -1.37 | 0.99 |  |
| (EE 1-P6-2) - (IL 1-P22) | 0 | 3.8e-17 | 2 | 0 | 1 |  |
| (EE 1-P6-2) - (IL 2-P23) | -1e-16 | 3.8e-17 | 2 | -2.64 | 0.73 |  |
| (EE 1-P6-2) - (IL 4-P25) | -3.8e-17 | 3.8e-17 | 2 | -1 | 1 |  |
| (EE 1-P6-2) - (IS 1-P1) | 7.3e-17 | 4.7e-17 | 2 | 1.56 | 0.97 |  |
| (EE 1-P6-2) - (IS 1-P2) | -6.9e-18 | 4.7e-17 | 2 | -0.15 | 1 |  |
| (EE 1-P6-2) - (ITU 2-P1) | -3.5e-17 | 3.8e-17 | 2 | -0.91 | 1 |  |
| (EE 1-P6-2) - (ITU 4-P2) | -3.8e-17 | 4.7e-17 | 2 | -0.82 | 1 |  |
| (EE 1-P6-2) - (ON 4-P26) | -5.5e-16 | 4.7e-17 | 2 | -11.84 | 0.07 |  |
| (EE 4-P1) - (EE 4-P2) | 1 | 4.7e-17 | 2 | 21461080147966328 | 1.9e-13 | \*\*\* |
| (EE 4-P1) - (EE 4-P3) | 1 | 3.8e-17 | 2 | 26284347845745600 | 1.9e-13 | \*\*\* |
| (EE 4-P1) - (EE 4-P4) | 1 | 4.7e-17 | 2 | 21461080147966324 | 1.9e-13 | \*\*\* |
| (EE 4-P1) - (EE 4-P5) | 1 | 4.7e-17 | 2 | 21461080147966336 | 1.9e-13 | \*\*\* |
| (EE 4-P1) - (EE 4-P6) | 1 | 3.8e-17 | 2 | 26284347845745624 | 1.9e-13 | \*\*\* |
| (EE 4-P1) - (EE 5-P1) | 1 | 4.7e-17 | 2 | 21461080147966324 | 1.9e-13 | \*\*\* |
| (EE 4-P1) - (EE 5-P3) | 1 | 4.7e-17 | 2 | 21461080147966328 | 1.9e-13 | \*\*\* |
| (EE 4-P1) - (EE 5-P5) | 1 | 4.7e-17 | 2 | 21461080147966356 | 1.9e-13 | \*\*\* |
| (EE 4-P1) - (EE 5-P6) | 1 | 4.7e-17 | 2 | 21461080147966316 | 1.9e-13 | \*\*\* |
| (EE 4-P1) - (EE 5-P7) | 1 | 4.7e-17 | 2 | 21461080147966328 | 1.9e-13 | \*\*\* |
| (EE 4-P1) - (EE 5-P8) | 1 | 3.8e-17 | 2 | 26284347845745608 | 1.9e-13 | \*\*\* |
| (EE 4-P1) - (EE 5-P9) | 1 | 4.7e-17 | 2 | 21461080147966340 | 1.9e-13 | \*\*\* |
| (EE 4-P1) - (IBI 2-P1) | 1 | 3.8e-17 | 2 | 26284347845745608 | 1.9e-13 | \*\*\* |
| (EE 4-P1) - (IL 1-P22) | 1 | 3.8e-17 | 2 | 26284347845745608 | 1.9e-13 | \*\*\* |
| (EE 4-P1) - (IL 2-P23) | 1 | 3.8e-17 | 2 | 26284347845745604 | 1.9e-13 | \*\*\* |
| (EE 4-P1) - (IL 4-P25) | 1 | 3.8e-17 | 2 | 26284347845745600 | 1.9e-13 | \*\*\* |
| (EE 4-P1) - (IS 1-P1) | 1 | 4.7e-17 | 2 | 21461080147966336 | 1.9e-13 | \*\*\* |
| (EE 4-P1) - (IS 1-P2) | 1 | 4.7e-17 | 2 | 21461080147966352 | 1.9e-13 | \*\*\* |
| (EE 4-P1) - (ITU 2-P1) | 1 | 3.8e-17 | 2 | 26284347845745600 | 1.9e-13 | \*\*\* |
| (EE 4-P1) - (ITU 4-P2) | 1 | 4.7e-17 | 2 | 21461080147966328 | 1.9e-13 | \*\*\* |
| (EE 4-P1) - (ON 4-P26) | 1 | 4.7e-17 | 2 | 21461080147966360 | 1.9e-13 | \*\*\* |
| (EE 4-P2) - (EE 4-P3) | 3.5e-17 | 4.7e-17 | 2 | 0.74 | 1 |  |
| (EE 4-P2) - (EE 4-P4) | 1.2e-16 | 3.8e-17 | 2 | 3.28 | 0.58 |  |
| (EE 4-P2) - (EE 4-P5) | 3.1e-17 | 3.8e-17 | 2 | 0.82 | 1 |  |
| (EE 4-P2) - (EE 4-P6) | 2.8e-16 | 4.7e-17 | 2 | 5.96 | 0.24 |  |
| (EE 4-P2) - (EE 5-P1) | 5.2e-17 | 3.8e-17 | 2 | 1.37 | 0.99 |  |
| (EE 4-P2) - (EE 5-P3) | 3.1e-17 | 4.7e-17 | 2 | 0.67 | 1 |  |
| (EE 4-P2) - (EE 5-P5) | -1.4e-16 | 3.8e-17 | 2 | -3.56 | 0.52 |  |
| (EE 4-P2) - (EE 5-P6) | 6.6e-17 | 3.8e-17 | 2 | 1.73 | 0.94 |  |
| (EE 4-P2) - (EE 5-P7) | 3.8e-17 | 4.7e-17 | 2 | 0.82 | 1 |  |
| (EE 4-P2) - (EE 5-P8) | 0 | 4.7e-17 | 2 | 0 | 1 |  |
| (EE 4-P2) - (EE 5-P9) | 6.2e-17 | 3.8e-17 | 2 | 1.64 | 0.96 |  |
| (EE 4-P2) - (IBI 2-P1) | 1.7e-17 | 4.7e-17 | 2 | 0.37 | 1 |  |
| (EE 4-P2) - (IL 1-P22) | 6.9e-17 | 4.7e-17 | 2 | 1.49 | 0.97 |  |
| (EE 4-P2) - (IL 2-P23) | -3.1e-17 | 4.7e-17 | 2 | -0.67 | 1 |  |
| (EE 4-P2) - (IL 4-P25) | 3.1e-17 | 4.7e-17 | 2 | 0.67 | 1 |  |
| (EE 4-P2) - (IS 1-P1) | 1.4e-16 | 3.8e-17 | 2 | 3.74 | 0.49 |  |
| (EE 4-P2) - (IS 1-P2) | 6.2e-17 | 3.8e-17 | 2 | 1.64 | 0.96 |  |
| (EE 4-P2) - (ITU 2-P1) | 3.5e-17 | 4.7e-17 | 2 | 0.74 | 1 |  |
| (EE 4-P2) - (ITU 4-P2) | 3.1e-17 | 4.7e-17 | 2 | 0.67 | 1 |  |
| (EE 4-P2) - (ON 4-P26) | -4.8e-16 | 3.8e-17 | 2 | -12.68 | 0.06 |  |
| (EE 4-P3) - (EE 4-P4) | 9e-17 | 4.7e-17 | 2 | 1.94 | 0.9 |  |
| (EE 4-P3) - (EE 4-P5) | -3.5e-18 | 4.7e-17 | 2 | -0.07 | 1 |  |
| (EE 4-P3) - (EE 4-P6) | 2.4e-16 | 3.8e-17 | 2 | 6.38 | 0.21 |  |
| (EE 4-P3) - (EE 5-P1) | 1.7e-17 | 4.7e-17 | 2 | 0.37 | 1 |  |
| (EE 4-P3) - (EE 5-P3) | -3.5e-18 | 4.7e-17 | 2 | -0.07 | 1 |  |
| (EE 4-P3) - (EE 5-P5) | -1.7e-16 | 4.7e-17 | 2 | -3.65 | 0.5 |  |
| (EE 4-P3) - (EE 5-P6) | 3.1e-17 | 4.7e-17 | 2 | 0.67 | 1 |  |
| (EE 4-P3) - (EE 5-P7) | 3.5e-18 | 4.7e-17 | 2 | 0.07 | 1 |  |
| (EE 4-P3) - (EE 5-P8) | -3.5e-17 | 3.8e-17 | 2 | -0.91 | 1 |  |
| (EE 4-P3) - (EE 5-P9) | 2.8e-17 | 4.7e-17 | 2 | 0.6 | 1 |  |
| (EE 4-P3) - (IBI 2-P1) | -1.7e-17 | 3.8e-17 | 2 | -0.46 | 1 |  |
| (EE 4-P3) - (IL 1-P22) | 3.5e-17 | 3.8e-17 | 2 | 0.91 | 1 |  |
| (EE 4-P3) - (IL 2-P23) | -6.6e-17 | 3.8e-17 | 2 | -1.73 | 0.94 |  |
| (EE 4-P3) - (IL 4-P25) | -3.5e-18 | 3.8e-17 | 2 | -0.09 | 1 |  |
| (EE 4-P3) - (IS 1-P1) | 1.1e-16 | 4.7e-17 | 2 | 2.31 | 0.81 |  |
| (EE 4-P3) - (IS 1-P2) | 2.8e-17 | 4.7e-17 | 2 | 0.6 | 1 |  |
| (EE 4-P3) - (ITU 2-P1) | 0 | 3.8e-17 | 2 | 0 | 1 |  |
| (EE 4-P3) - (ITU 4-P2) | -3.5e-18 | 4.7e-17 | 2 | -0.07 | 1 |  |
| (EE 4-P3) - (ON 4-P26) | -5.2e-16 | 4.7e-17 | 2 | -11.09 | 0.08 |  |
| (EE 4-P4) - (EE 4-P5) | -9.4e-17 | 3.8e-17 | 2 | -2.46 | 0.77 |  |
| (EE 4-P4) - (EE 4-P6) | 1.5e-16 | 4.7e-17 | 2 | 3.28 | 0.58 |  |
| (EE 4-P4) - (EE 5-P1) | -7.3e-17 | 3.8e-17 | 2 | -1.92 | 0.91 |  |
| (EE 4-P4) - (EE 5-P3) | -9.4e-17 | 4.7e-17 | 2 | -2.01 | 0.88 |  |
| (EE 4-P4) - (EE 5-P5) | -2.6e-16 | 3.8e-17 | 2 | -6.84 | 0.18 |  |
| (EE 4-P4) - (EE 5-P6) | -5.9e-17 | 3.8e-17 | 2 | -1.55 | 0.97 |  |
| (EE 4-P4) - (EE 5-P7) | -8.7e-17 | 4.7e-17 | 2 | -1.86 | 0.92 |  |
| (EE 4-P4) - (EE 5-P8) | -1.2e-16 | 4.7e-17 | 2 | -2.68 | 0.72 |  |
| (EE 4-P4) - (EE 5-P9) | -6.2e-17 | 3.8e-17 | 2 | -1.64 | 0.96 |  |
| (EE 4-P4) - (IBI 2-P1) | -1.1e-16 | 4.7e-17 | 2 | -2.31 | 0.81 |  |
| (EE 4-P4) - (IL 1-P22) | -5.6e-17 | 4.7e-17 | 2 | -1.19 | 1 |  |
| (EE 4-P4) - (IL 2-P23) | -1.6e-16 | 4.7e-17 | 2 | -3.35 | 0.56 |  |
| (EE 4-P4) - (IL 4-P25) | -9.4e-17 | 4.7e-17 | 2 | -2.01 | 0.88 |  |
| (EE 4-P4) - (IS 1-P1) | 1.7e-17 | 3.8e-17 | 2 | 0.46 | 1 |  |
| (EE 4-P4) - (IS 1-P2) | -6.2e-17 | 3.8e-17 | 2 | -1.64 | 0.96 |  |
| (EE 4-P4) - (ITU 2-P1) | -9e-17 | 4.7e-17 | 2 | -1.94 | 0.9 |  |
| (EE 4-P4) - (ITU 4-P2) | -9.4e-17 | 4.7e-17 | 2 | -2.01 | 0.88 |  |
| (EE 4-P4) - (ON 4-P26) | -6.1e-16 | 3.8e-17 | 2 | -15.96 | 0.04 | \* |
| (EE 4-P5) - (EE 4-P6) | 2.5e-16 | 4.7e-17 | 2 | 5.29 | 0.29 |  |
| (EE 4-P5) - (EE 5-P1) | 2.1e-17 | 3.8e-17 | 2 | 0.55 | 1 |  |
| (EE 4-P5) - (EE 5-P3) | 0 | 4.7e-17 | 2 | 0 | 1 |  |
| (EE 4-P5) - (EE 5-P5) | -1.7e-16 | 3.8e-17 | 2 | -4.38 | 0.39 |  |
| (EE 4-P5) - (EE 5-P6) | 3.5e-17 | 3.8e-17 | 2 | 0.91 | 1 |  |
| (EE 4-P5) - (EE 5-P7) | 6.9e-18 | 4.7e-17 | 2 | 0.15 | 1 |  |
| (EE 4-P5) - (EE 5-P8) | -3.1e-17 | 4.7e-17 | 2 | -0.67 | 1 |  |
| (EE 4-P5) - (EE 5-P9) | 3.1e-17 | 3.8e-17 | 2 | 0.82 | 1 |  |
| (EE 4-P5) - (IBI 2-P1) | -1.4e-17 | 4.7e-17 | 2 | -0.3 | 1 |  |
| (EE 4-P5) - (IL 1-P22) | 3.8e-17 | 4.7e-17 | 2 | 0.82 | 1 |  |
| (EE 4-P5) - (IL 2-P23) | -6.2e-17 | 4.7e-17 | 2 | -1.34 | 0.99 |  |
| (EE 4-P5) - (IL 4-P25) | 0 | 4.7e-17 | 2 | 0 | 1 |  |
| (EE 4-P5) - (IS 1-P1) | 1.1e-16 | 3.8e-17 | 2 | 2.92 | 0.66 |  |
| (EE 4-P5) - (IS 1-P2) | 3.1e-17 | 3.8e-17 | 2 | 0.82 | 1 |  |
| (EE 4-P5) - (ITU 2-P1) | 3.5e-18 | 4.7e-17 | 2 | 0.07 | 1 |  |
| (EE 4-P5) - (ITU 4-P2) | 0 | 4.7e-17 | 2 | 0 | 1 |  |
| (EE 4-P5) - (ON 4-P26) | -5.1e-16 | 3.8e-17 | 2 | -13.5 | 0.05 |  |
| (EE 4-P6) - (EE 5-P1) | -2.3e-16 | 4.7e-17 | 2 | -4.84 | 0.33 |  |
| (EE 4-P6) - (EE 5-P3) | -2.5e-16 | 4.7e-17 | 2 | -5.29 | 0.29 |  |
| (EE 4-P6) - (EE 5-P5) | -4.1e-16 | 4.7e-17 | 2 | -8.86 | 0.11 |  |
| (EE 4-P6) - (EE 5-P6) | -2.1e-16 | 4.7e-17 | 2 | -4.54 | 0.37 |  |
| (EE 4-P6) - (EE 5-P7) | -2.4e-16 | 4.7e-17 | 2 | -5.14 | 0.3 |  |
| (EE 4-P6) - (EE 5-P8) | -2.8e-16 | 3.8e-17 | 2 | -7.3 | 0.16 |  |
| (EE 4-P6) - (EE 5-P9) | -2.2e-16 | 4.7e-17 | 2 | -4.62 | 0.36 |  |
| (EE 4-P6) - (IBI 2-P1) | -2.6e-16 | 3.8e-17 | 2 | -6.84 | 0.18 |  |
| (EE 4-P6) - (IL 1-P22) | -2.1e-16 | 3.8e-17 | 2 | -5.47 | 0.27 |  |
| (EE 4-P6) - (IL 2-P23) | -3.1e-16 | 3.8e-17 | 2 | -8.12 | 0.14 |  |
| (EE 4-P6) - (IL 4-P25) | -2.5e-16 | 3.8e-17 | 2 | -6.47 | 0.2 |  |
| (EE 4-P6) - (IS 1-P1) | -1.4e-16 | 4.7e-17 | 2 | -2.9 | 0.66 |  |
| (EE 4-P6) - (IS 1-P2) | -2.2e-16 | 4.7e-17 | 2 | -4.62 | 0.36 |  |
| (EE 4-P6) - (ITU 2-P1) | -2.4e-16 | 3.8e-17 | 2 | -6.38 | 0.21 |  |
| (EE 4-P6) - (ITU 4-P2) | -2.5e-16 | 4.7e-17 | 2 | -5.29 | 0.29 |  |
| (EE 4-P6) - (ON 4-P26) | -7.6e-16 | 4.7e-17 | 2 | -16.31 | 0.04 | \* |
| (EE 5-P1) - (EE 5-P3) | -2.1e-17 | 4.7e-17 | 2 | -0.45 | 1 |  |
| (EE 5-P1) - (EE 5-P5) | -1.9e-16 | 3.8e-17 | 2 | -4.92 | 0.32 |  |
| (EE 5-P1) - (EE 5-P6) | 1.4e-17 | 3.8e-17 | 2 | 0.36 | 1 |  |
| (EE 5-P1) - (EE 5-P7) | -1.4e-17 | 4.7e-17 | 2 | -0.3 | 1 |  |
| (EE 5-P1) - (EE 5-P8) | -5.2e-17 | 4.7e-17 | 2 | -1.12 | 1 |  |
| (EE 5-P1) - (EE 5-P9) | 1e-17 | 3.8e-17 | 2 | 0.27 | 1 |  |
| (EE 5-P1) - (IBI 2-P1) | -3.5e-17 | 4.7e-17 | 2 | -0.74 | 1 |  |
| (EE 5-P1) - (IL 1-P22) | 1.7e-17 | 4.7e-17 | 2 | 0.37 | 1 |  |
| (EE 5-P1) - (IL 2-P23) | -8.3e-17 | 4.7e-17 | 2 | -1.79 | 0.93 |  |
| (EE 5-P1) - (IL 4-P25) | -2.1e-17 | 4.7e-17 | 2 | -0.45 | 1 |  |
| (EE 5-P1) - (IS 1-P1) | 9e-17 | 3.8e-17 | 2 | 2.37 | 0.8 |  |
| (EE 5-P1) - (IS 1-P2) | 1e-17 | 3.8e-17 | 2 | 0.27 | 1 |  |
| (EE 5-P1) - (ITU 2-P1) | -1.7e-17 | 4.7e-17 | 2 | -0.37 | 1 |  |
| (EE 5-P1) - (ITU 4-P2) | -2.1e-17 | 4.7e-17 | 2 | -0.45 | 1 |  |
| (EE 5-P1) - (ON 4-P26) | -5.3e-16 | 3.8e-17 | 2 | -14.04 | 0.05 | \* |
| (EE 5-P3) - (EE 5-P5) | -1.7e-16 | 4.7e-17 | 2 | -3.57 | 0.52 |  |
| (EE 5-P3) - (EE 5-P6) | 3.5e-17 | 4.7e-17 | 2 | 0.74 | 1 |  |
| (EE 5-P3) - (EE 5-P7) | 6.9e-18 | 3.8e-17 | 2 | 0.18 | 1 |  |
| (EE 5-P3) - (EE 5-P8) | -3.1e-17 | 4.7e-17 | 2 | -0.67 | 1 |  |
| (EE 5-P3) - (EE 5-P9) | 3.1e-17 | 4.7e-17 | 2 | 0.67 | 1 |  |
| (EE 5-P3) - (IBI 2-P1) | -1.4e-17 | 4.7e-17 | 2 | -0.3 | 1 |  |
| (EE 5-P3) - (IL 1-P22) | 3.8e-17 | 4.7e-17 | 2 | 0.82 | 1 |  |
| (EE 5-P3) - (IL 2-P23) | -6.2e-17 | 4.7e-17 | 2 | -1.34 | 0.99 |  |
| (EE 5-P3) - (IL 4-P25) | 0 | 4.7e-17 | 2 | 0 | 1 |  |
| (EE 5-P3) - (IS 1-P1) | 1.1e-16 | 4.7e-17 | 2 | 2.38 | 0.79 |  |
| (EE 5-P3) - (IS 1-P2) | 3.1e-17 | 4.7e-17 | 2 | 0.67 | 1 |  |
| (EE 5-P3) - (ITU 2-P1) | 3.5e-18 | 4.7e-17 | 2 | 0.07 | 1 |  |
| (EE 5-P3) - (ITU 4-P2) | 0 | 3.8e-17 | 2 | 0 | 1 |  |
| (EE 5-P3) - (ON 4-P26) | -5.1e-16 | 4.7e-17 | 2 | -11.02 | 0.08 |  |
| (EE 5-P5) - (EE 5-P6) | 2e-16 | 3.8e-17 | 2 | 5.29 | 0.29 |  |
| (EE 5-P5) - (EE 5-P7) | 1.7e-16 | 4.7e-17 | 2 | 3.72 | 0.49 |  |
| (EE 5-P5) - (EE 5-P8) | 1.4e-16 | 4.7e-17 | 2 | 2.9 | 0.66 |  |
| (EE 5-P5) - (EE 5-P9) | 2e-16 | 3.8e-17 | 2 | 5.2 | 0.3 |  |
| (EE 5-P5) - (IBI 2-P1) | 1.5e-16 | 4.7e-17 | 2 | 3.28 | 0.58 |  |
| (EE 5-P5) - (IL 1-P22) | 2e-16 | 4.7e-17 | 2 | 4.39 | 0.39 |  |
| (EE 5-P5) - (IL 2-P23) | 1e-16 | 4.7e-17 | 2 | 2.23 | 0.83 |  |
| (EE 5-P5) - (IL 4-P25) | 1.7e-16 | 4.7e-17 | 2 | 3.57 | 0.52 |  |
| (EE 5-P5) - (IS 1-P1) | 2.8e-16 | 3.8e-17 | 2 | 7.3 | 0.16 |  |
| (EE 5-P5) - (IS 1-P2) | 2e-16 | 3.8e-17 | 2 | 5.2 | 0.3 |  |
| (EE 5-P5) - (ITU 2-P1) | 1.7e-16 | 4.7e-17 | 2 | 3.65 | 0.5 |  |
| (EE 5-P5) - (ITU 4-P2) | 1.7e-16 | 4.7e-17 | 2 | 3.57 | 0.52 |  |
| (EE 5-P5) - (ON 4-P26) | -3.5e-16 | 3.8e-17 | 2 | -9.12 | 0.11 |  |
| (EE 5-P6) - (EE 5-P7) | -2.8e-17 | 4.7e-17 | 2 | -0.6 | 1 |  |
| (EE 5-P6) - (EE 5-P8) | -6.6e-17 | 4.7e-17 | 2 | -1.41 | 0.98 |  |
| (EE 5-P6) - (EE 5-P9) | -3.5e-18 | 3.8e-17 | 2 | -0.09 | 1 |  |
| (EE 5-P6) - (IBI 2-P1) | -4.9e-17 | 4.7e-17 | 2 | -1.04 | 1 |  |
| (EE 5-P6) - (IL 1-P22) | 3.5e-18 | 4.7e-17 | 2 | 0.07 | 1 |  |
| (EE 5-P6) - (IL 2-P23) | -9.7e-17 | 4.7e-17 | 2 | -2.08 | 0.87 |  |
| (EE 5-P6) - (IL 4-P25) | -3.5e-17 | 4.7e-17 | 2 | -0.74 | 1 |  |
| (EE 5-P6) - (IS 1-P1) | 7.6e-17 | 3.8e-17 | 2 | 2.01 | 0.89 |  |
| (EE 5-P6) - (IS 1-P2) | -3.5e-18 | 3.8e-17 | 2 | -0.09 | 1 |  |
| (EE 5-P6) - (ITU 2-P1) | -3.1e-17 | 4.7e-17 | 2 | -0.67 | 1 |  |
| (EE 5-P6) - (ITU 4-P2) | -3.5e-17 | 4.7e-17 | 2 | -0.74 | 1 |  |
| (EE 5-P6) - (ON 4-P26) | -5.5e-16 | 3.8e-17 | 2 | -14.41 | 0.05 | \* |
| (EE 5-P7) - (EE 5-P8) | -3.8e-17 | 4.7e-17 | 2 | -0.82 | 1 |  |
| (EE 5-P7) - (EE 5-P9) | 2.4e-17 | 4.7e-17 | 2 | 0.52 | 1 |  |
| (EE 5-P7) - (IBI 2-P1) | -2.1e-17 | 4.7e-17 | 2 | -0.45 | 1 |  |
| (EE 5-P7) - (IL 1-P22) | 3.1e-17 | 4.7e-17 | 2 | 0.67 | 1 |  |
| (EE 5-P7) - (IL 2-P23) | -6.9e-17 | 4.7e-17 | 2 | -1.49 | 0.97 |  |
| (EE 5-P7) - (IL 4-P25) | -6.9e-18 | 4.7e-17 | 2 | -0.15 | 1 |  |
| (EE 5-P7) - (IS 1-P1) | 1e-16 | 4.7e-17 | 2 | 2.23 | 0.83 |  |
| (EE 5-P7) - (IS 1-P2) | 2.4e-17 | 4.7e-17 | 2 | 0.52 | 1 |  |
| (EE 5-P7) - (ITU 2-P1) | -3.5e-18 | 4.7e-17 | 2 | -0.07 | 1 |  |
| (EE 5-P7) - (ITU 4-P2) | -6.9e-18 | 3.8e-17 | 2 | -0.18 | 1 |  |
| (EE 5-P7) - (ON 4-P26) | -5.2e-16 | 4.7e-17 | 2 | -11.17 | 0.07 |  |
| (EE 5-P8) - (EE 5-P9) | 6.2e-17 | 4.7e-17 | 2 | 1.34 | 0.99 |  |
| (EE 5-P8) - (IBI 2-P1) | 1.7e-17 | 3.8e-17 | 2 | 0.46 | 1 |  |
| (EE 5-P8) - (IL 1-P22) | 6.9e-17 | 3.8e-17 | 2 | 1.82 | 0.92 |  |
| (EE 5-P8) - (IL 2-P23) | -3.1e-17 | 3.8e-17 | 2 | -0.82 | 1 |  |
| (EE 5-P8) - (IL 4-P25) | 3.1e-17 | 3.8e-17 | 2 | 0.82 | 1 |  |
| (EE 5-P8) - (IS 1-P1) | 1.4e-16 | 4.7e-17 | 2 | 3.05 | 0.63 |  |
| (EE 5-P8) - (IS 1-P2) | 6.2e-17 | 4.7e-17 | 2 | 1.34 | 0.99 |  |
| (EE 5-P8) - (ITU 2-P1) | 3.5e-17 | 3.8e-17 | 2 | 0.91 | 1 |  |
| (EE 5-P8) - (ITU 4-P2) | 3.1e-17 | 4.7e-17 | 2 | 0.67 | 1 |  |
| (EE 5-P8) - (ON 4-P26) | -4.8e-16 | 4.7e-17 | 2 | -10.35 | 0.09 |  |
| (EE 5-P9) - (IBI 2-P1) | -4.5e-17 | 4.7e-17 | 2 | -0.97 | 1 |  |
| (EE 5-P9) - (IL 1-P22) | 6.9e-18 | 4.7e-17 | 2 | 0.15 | 1 |  |
| (EE 5-P9) - (IL 2-P23) | -9.4e-17 | 4.7e-17 | 2 | -2.01 | 0.88 |  |
| (EE 5-P9) - (IL 4-P25) | -3.1e-17 | 4.7e-17 | 2 | -0.67 | 1 |  |
| (EE 5-P9) - (IS 1-P1) | 8e-17 | 3.8e-17 | 2 | 2.1 | 0.86 |  |
| (EE 5-P9) - (IS 1-P2) | 0 | 3.8e-17 | 2 | 0 | 1 |  |
| (EE 5-P9) - (ITU 2-P1) | -2.8e-17 | 4.7e-17 | 2 | -0.6 | 1 |  |
| (EE 5-P9) - (ITU 4-P2) | -3.1e-17 | 4.7e-17 | 2 | -0.67 | 1 |  |
| (EE 5-P9) - (ON 4-P26) | -5.4e-16 | 3.8e-17 | 2 | -14.32 | 0.05 | \* |
| (IBI 2-P1) - (IL 1-P22) | 5.2e-17 | 3.8e-17 | 2 | 1.37 | 0.99 |  |
| (IBI 2-P1) - (IL 2-P23) | -4.9e-17 | 3.8e-17 | 2 | -1.28 | 0.99 |  |
| (IBI 2-P1) - (IL 4-P25) | 1.4e-17 | 3.8e-17 | 2 | 0.36 | 1 |  |
| (IBI 2-P1) - (IS 1-P1) | 1.2e-16 | 4.7e-17 | 2 | 2.68 | 0.72 |  |
| (IBI 2-P1) - (IS 1-P2) | 4.5e-17 | 4.7e-17 | 2 | 0.97 | 1 |  |
| (IBI 2-P1) - (ITU 2-P1) | 1.7e-17 | 3.8e-17 | 2 | 0.46 | 1 |  |
| (IBI 2-P1) - (ITU 4-P2) | 1.4e-17 | 4.7e-17 | 2 | 0.3 | 1 |  |
| (IBI 2-P1) - (ON 4-P26) | -5e-16 | 4.7e-17 | 2 | -10.72 | 0.08 |  |
| (IL 1-P22) - (IL 2-P23) | -1e-16 | 3.8e-17 | 2 | -2.64 | 0.73 |  |
| (IL 1-P22) - (IL 4-P25) | -3.8e-17 | 3.8e-17 | 2 | -1 | 1 |  |
| (IL 1-P22) - (IS 1-P1) | 7.3e-17 | 4.7e-17 | 2 | 1.56 | 0.97 |  |
| (IL 1-P22) - (IS 1-P2) | -6.9e-18 | 4.7e-17 | 2 | -0.15 | 1 |  |
| (IL 1-P22) - (ITU 2-P1) | -3.5e-17 | 3.8e-17 | 2 | -0.91 | 1 |  |
| (IL 1-P22) - (ITU 4-P2) | -3.8e-17 | 4.7e-17 | 2 | -0.82 | 1 |  |
| (IL 1-P22) - (ON 4-P26) | -5.5e-16 | 4.7e-17 | 2 | -11.84 | 0.07 |  |
| (IL 2-P23) - (IL 4-P25) | 6.2e-17 | 3.8e-17 | 2 | 1.64 | 0.96 |  |
| (IL 2-P23) - (IS 1-P1) | 1.7e-16 | 4.7e-17 | 2 | 3.72 | 0.49 |  |
| (IL 2-P23) - (IS 1-P2) | 9.4e-17 | 4.7e-17 | 2 | 2.01 | 0.88 |  |
| (IL 2-P23) - (ITU 2-P1) | 6.6e-17 | 3.8e-17 | 2 | 1.73 | 0.94 |  |
| (IL 2-P23) - (ITU 4-P2) | 6.2e-17 | 4.7e-17 | 2 | 1.34 | 0.99 |  |
| (IL 2-P23) - (ON 4-P26) | -4.5e-16 | 4.7e-17 | 2 | -9.68 | 0.1 |  |
| (IL 4-P25) - (IS 1-P1) | 1.1e-16 | 4.7e-17 | 2 | 2.38 | 0.79 |  |
| (IL 4-P25) - (IS 1-P2) | 3.1e-17 | 4.7e-17 | 2 | 0.67 | 1 |  |
| (IL 4-P25) - (ITU 2-P1) | 3.5e-18 | 3.8e-17 | 2 | 0.09 | 1 |  |
| (IL 4-P25) - (ITU 4-P2) | 0 | 4.7e-17 | 2 | 0 | 1 |  |
| (IL 4-P25) - (ON 4-P26) | -5.1e-16 | 4.7e-17 | 2 | -11.02 | 0.08 |  |
| (IS 1-P1) - (IS 1-P2) | -8e-17 | 3.8e-17 | 2 | -2.1 | 0.86 |  |
| (IS 1-P1) - (ITU 2-P1) | -1.1e-16 | 4.7e-17 | 2 | -2.31 | 0.81 |  |
| (IS 1-P1) - (ITU 4-P2) | -1.1e-16 | 4.7e-17 | 2 | -2.38 | 0.79 |  |
| (IS 1-P1) - (ON 4-P26) | -6.2e-16 | 3.8e-17 | 2 | -16.41 | 0.04 | \* |
| (IS 1-P2) - (ITU 2-P1) | -2.8e-17 | 4.7e-17 | 2 | -0.6 | 1 |  |
| (IS 1-P2) - (ITU 4-P2) | -3.1e-17 | 4.7e-17 | 2 | -0.67 | 1 |  |
| (IS 1-P2) - (ON 4-P26) | -5.4e-16 | 3.8e-17 | 2 | -14.32 | 0.05 | \* |
| (ITU 2-P1) - (ITU 4-P2) | -3.5e-18 | 4.7e-17 | 2 | -0.07 | 1 |  |
| (ITU 2-P1) - (ON 4-P26) | -5.2e-16 | 4.7e-17 | 2 | -11.09 | 0.08 |  |
| (ITU 4-P2) - (ON 4-P26) | -5.1e-16 | 4.7e-17 | 2 | -11.02 | 0.08 |  |

\* P ≤ 0.05; \*\* P ≤ 0.01

# Groups

Comparison method: tukey

| **Treatment** | **Adjusted Means** | **SE** | **df** | **lower.CL** | **upper.CL** | **Group** |
| --- | --- | --- | --- | --- | --- | --- |
| AKN 1-P1 | 0 | 3.1e-17 | 2 | -1.2e-15 | 5.7e-16 | 1 |
| EE 4-P6 | 0 | 3.1e-17 | 2 | -1.1e-15 | 6.3e-16 | 1 |
| AKI 2-P9 | 0 | 3.1e-17 | 2 | -1.1e-15 | 6.4e-16 | 1 |
| IS 1-P1 | 0 | 3.1e-17 | 2 | -9.9e-16 | 7.7e-16 | 1 |
| AKI 3-P1 | 0 | 3.1e-17 | 2 | -9.7e-16 | 7.8e-16 | 12 |
| EE 4-P4 | 0 | 3.1e-17 | 2 | -9.7e-16 | 7.9e-16 | 1 |
| Check 1 | 0 | 1.6e-17 | 2 | -5e-16 | 3.8e-16 | 1 |
| AKI 3-P4 | 0 | 3.1e-17 | 2 | -9.3e-16 | 8.2e-16 | 12 |
| EE 1-P2 | 0 | 3.1e-17 | 2 | -9.1e-16 | 8.4e-16 | 12 |
| EE 1-P6-2 | 0 | 3.1e-17 | 2 | -9.1e-16 | 8.4e-16 | 12 |
| IL 1-P22 | 0 | 3.1e-17 | 2 | -9.1e-16 | 8.4e-16 | 12 |
| AKI 3-P2 | 0 | 3.1e-17 | 2 | -9.1e-16 | 8.5e-16 | 12 |
| EE 5-P6 | 0 | 3.1e-17 | 2 | -9.1e-16 | 8.5e-16 | 1 |
| EE 5-P9 | 0 | 3.1e-17 | 2 | -9.1e-16 | 8.5e-16 | 1 |
| IS 1-P2 | 0 | 3.1e-17 | 2 | -9.1e-16 | 8.5e-16 | 1 |
| EE 1-P1 | 0 | 3.1e-17 | 2 | -9e-16 | 8.5e-16 | 12 |
| AKN 1-P5 | 0 | 3.1e-17 | 2 | -9e-16 | 8.6e-16 | 1 |
| EE 5-P1 | 0 | 3.1e-17 | 2 | -9e-16 | 8.6e-16 | 1 |
| EE 1-P4 | 0 | 3.1e-17 | 2 | -8.9e-16 | 8.7e-16 | 12 |
| EE 5-P7 | 0 | 3.1e-17 | 2 | -8.8e-16 | 8.7e-16 | 12 |
| AKN 2-P5 | 0 | 3.1e-17 | 2 | -8.8e-16 | 8.8e-16 | 12 |
| EE 4-P3 | 0 | 3.1e-17 | 2 | -8.8e-16 | 8.8e-16 | 12 |
| ITU 2-P1 | 0 | 3.1e-17 | 2 | -8.8e-16 | 8.8e-16 | 12 |
| EE 4-P5 | 3.5e-18 | 3.1e-17 | 2 | -8.7e-16 | 8.8e-16 | 12 |
| EE 5-P3 | 3.5e-18 | 3.1e-17 | 2 | -8.7e-16 | 8.8e-16 | 12 |
| IL 4-P25 | 3.5e-18 | 3.1e-17 | 2 | -8.7e-16 | 8.8e-16 | 12 |
| ITU 4-P2 | 3.5e-18 | 3.1e-17 | 2 | -8.7e-16 | 8.8e-16 | 12 |
| Check 2 | 1.4e-17 | 1.6e-17 | 2 | -4.2e-16 | 4.5e-16 | 1 |
| IBI 2-P1 | 1.7e-17 | 3.1e-17 | 2 | -8.6e-16 | 9e-16 | 12 |
| AKN 2-P2 | 2.8e-17 | 3.1e-17 | 2 | -8.5e-16 | 9.1e-16 | 12 |
| EE 4-P2 | 3.5e-17 | 3.1e-17 | 2 | -8.4e-16 | 9.1e-16 | 12 |
| EE 5-P8 | 3.5e-17 | 3.1e-17 | 2 | -8.4e-16 | 9.1e-16 | 12 |
| EE 1-P6-1 | 4.9e-17 | 3.1e-17 | 2 | -8.3e-16 | 9.3e-16 | 12 |
| AKN 2-P3 | 6.6e-17 | 3.1e-17 | 2 | -8.1e-16 | 9.4e-16 | 12 |
| IL 2-P23 | 6.6e-17 | 3.1e-17 | 2 | -8.1e-16 | 9.4e-16 | 12 |
| AKN 1-P2 | 9.7e-17 | 3.1e-17 | 2 | -7.8e-16 | 9.7e-16 | 12 |
| EE 1-P3 | 1.2e-16 | 3.1e-17 | 2 | -7.5e-16 | 1e-15 | 12 |
| EE 5-P5 | 1.7e-16 | 3.1e-17 | 2 | -7.1e-16 | 1e-15 | 12 |
| AKI 1-P4 | 2.6e-16 | 3.1e-17 | 2 | -6.2e-16 | 1.1e-15 | 12 |
| ON 4-P26 | 5.2e-16 | 3.1e-17 | 2 | -3.6e-16 | 1.4e-15 | 2 |
| EE 4-P1 | 1 | 3.1e-17 | 2 | 1 | 1 | 3 |

################## The End ##################