|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Paired Samples Statistics** | | | | | |
|  | | Mean | N | Std. Deviation | Std. Error Mean |
| Pair 1 | eff\_mean1 | 3.0233 | 34 | .59123 | .10140 |
| eff\_mean2 | 3.2659 | 34 | .64157 | .11003 |

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| **Paired Samples Correlations** | | | | |
|  | | N | Correlation | Sig. |
| Pair 1 | eff\_mean1 & eff\_mean2 | 34 | .437 | .010 |

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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 | eff\_mean1 - eff\_mean2 | -.24265 | .65524 | .11237 | -.47127 | -.01402 | -2.159 | 33 | .038 |

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| **Paired Samples Statistics** | | | | | | | | | | | | | | | | |
|  | | | | Mean | | | N | | | Std. Deviation | | | | Std. Error Mean | | |
| Pair 1 | | engagement\_pre | | 3.0404 | | | 34 | | | .64087 | | | | .10991 | | |
| Engagement\_post | | 3.2831 | | | 34 | | | .67862 | | | | .11638 | | |
| **Paired Samples Correlations** | | | | | | | | | | | | | | |
|  | | | | | | N | | | Correlation | | | Sig. | | |
| Pair 1 | | engagement\_pre & Engagement\_post | | | | 34 | | | .419 | | | .014 | | |
| **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 | engagement\_pre - Engagement\_post | | -.24265 | | .71174 | | | .12206 | | | -.49098 | | .00569 | | | -1.988 | | 33 | .055 |

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| **Paired Samples Statistics** | | | | | |
|  | | Mean | N | Std. Deviation | Std. Error Mean |
| Pair 1 | Instructional\_pre | 2.9816 | 34 | .58883 | .10098 |
| Instructional\_post | 3.2978 | 34 | .65714 | .11270 |

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| **Paired Samples Correlations** | | | | | | | | | | |
|  | | | | | N | | Correlation | | Sig. | |
| Pair 1 | | Instructional\_pre & Instructional\_post | | | 34 | | .416 | | .014 | |
| **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 | Instructional\_pre - Instructional\_post | | -.31618 | .67577 | | .11589 | | -.55196 | | -.08039 | | -2.728 | 33 | .010 |

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| **Paired Samples Statistics** | | | | | | | | | | | | | | | | |
|  | | | | Mean | | | N | | | Std. Deviation | | | | Std. Error Mean | | |
| Pair 1 | | Management\_pre | | 3.0478 | | | 34 | | | .61393 | | | | .10529 | | |
| Management\_post | | 3.2169 | | | 34 | | | .69311 | | | | .11887 | | |
| **Paired Samples Correlations** | | | | | | | | | | | | | | |
|  | | | | | | N | | | Correlation | | | Sig. | | |
| Pair 1 | | Management\_pre & Management\_post | | | | 34 | | | .397 | | | .020 | | |
| **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 | Management\_pre - Management\_post | | -.16912 | | .72095 | | | .12364 | | | -.42067 | | .08244 | | | -1.368 | | 33 | .181 |