Family Solutions Program

Wyoming Analysis (2010 – 2011)

Test	P-value
Parent Open Communication	**0.047**
Parent Problem Communication	0.245
Child Open Communication	**0.003**
Child Problem Communication	**0.013**
Parent APGAR	**0.033**
Child APGAR	0.067
Child Satisfaction	**0.013**
Parent Belief	0.178
Parent Stress	0.975

Parent (to Child) Communication

Description:

	Count (# with both pre and post scores)	Mean	St. Dev
Pre Score Open Comm.	32	39.75	6.52
Post Score Open Comm.	32	41.34	5.49
Difference (Pre-Post) Open	32	-1.594	0.923
Pre Score Problem Comm.	32	34.34	7.48
Post Score Problem Comm.	32	35.19	7.68
Difference (Pre-Post) Open	32	-0.84	6.82

Matched – Pairs T-test Results:

	p-value (= vs. <)
Open Communication	**0.047**
Problem Communication	0.245

✓ At the 5% level, the data suggests that there **IS** a statistically significant increase from pre-scores to post-scores in the open communication questions for the Parent Communication Items.

✗ At the 5% level, the data suggests that there **IS NOT** a statistically significant increase from pre-scores to post-scores in the problem communication questions for the Parent Communication Items.

Child (to Parent) Communication

Description:

	Count (# with both pre and post scores)	Mean	St. Dev
Pre Score Open Comm.	38	38.63	7.63
Post Score Open Comm.	38	42.53	6.82
Difference (Pre-Post) Open	38	-3.89	8.24
Pre Score Problem Comm.	38	31.79	6.71
Post Score Problem Comm.	38	34.68	6.79
Difference (Pre-Post) Open	38	-2.89	7.71

Matched – Pairs T-test Results:

	p-value (= vs. <)
Open Communication	**0.003**
Problem Communication	**0.013**

✓ At the 5% level, the data suggests that there **IS** a statistically significant increase from pre-scores to post-scores in the open communication questions for the Child Communication Items.

✓ At the 5% level, the data suggests that there **IS** a statistically significant increase from pre-scores to post-scores in the problem communication questions for the Child Communication Items.

Parent - Family Function (APGAR)

Description:

	Count (# with both pre and post scores)	Mean	St. Dev
Pre Score	30	8.667	1.953
Post Score	30	9.333	1.348
Difference (Pre-Post)	30	-0.667	1.918

Matched – Pairs T-test Results:

	p-value (= vs. <)
Pre-Post	**0.033**

✓ At the 5% level, the data suggests that there **IS** a statistically significant increase from pre-scores to post-scores in the parent family apgar items.

Child - Family Function (APGAR)

Description:

	Count (# with both pre and post scores)	Mean	St. Dev
Pre Score	33	8.364	1.617
Post Score	33	8.818	1.310
Difference (Pre-Post)	33	-0.455	1.697

Matched – Pairs T-test Results:

	p-value (= vs. <)
Pre-Post	**0.067**

✗ At the 5% level, the data suggests that there **IS NOT** a statistically significant increase from pre-scores to post-scores in the child family apgar items.

Child Well-Being (Child Satisfaction)

Description:

	Count (# with both pre and post scores)	Mean	St. Dev
Pre Score	16	32	5.28
Post Score	16	35	5.14
Difference (Pre-Post)	16	-3	4.89

Matched – Pairs T-test Results:

	p-value (= vs. <)
Pre-Post	**0.013**

✗ At the 5% level, the data suggests that there **IS** a statistically significant increase from pre-scores to post-scores in the Child satisfaction items.

Child Well-Being (Child Satisfaction)

Description:

	Count (# with both pre and post scores)	Mean	St. Dev
Pre Score	16	32	5.28
Post Score	16	35	5.14
Difference (Pre-Post)	16	-3	4.89

Matched – Pairs T-test Results:

	p-value (= vs. <)
Pre-Post	**0.013**

- ✗ At the 5% level, the data suggests that there **IS** a statistically significant increase from pre-scores to post-scores in the Child satisfaction items.

Parent Beliefs

Description:

	Count (# with both pre and post scores)	Mean	St. Dev
Pre Score	31	34.323	5.154
Post Score	31	35	4.754
Difference (Pre-Post)	31	-0.677	4.020

Matched – Pairs T-test Results:

	p-value (= vs. <)
Pre-Post	0.178

- ✗ At the 5% level, the data suggests that there **IS NOT** a statistically significant increase from pre-scores to post-scores in the Parent Belief items.

Parent Stress

Description:

	Count (# with both pre and post scores)	Mean	St. Dev
Pre Score	28	32.54	9.96
Post Score	28	29.11	7.79
Difference (Pre-Post)	28	3.43	8.85

Matched – Pairs T-test Results:

	p-value (= vs. <)
Pre-Post	0.975

- ✗ At the 5% level, the data suggests that there **IS NOT** a statistically significant increase from pre-scores to post-scores in the Parent Belief items.