

## APPENDIX I

**Table A List of materials and equipments used in this study**

<b>Material or equipment</b>	<b>Batch No.</b>	<b>Manufacturer</b>
Olympus Stereomicroscope	Model SZ2-ILST 0.8 SZX7	Olympus Corporation, Tokyo, Japan
Digi Acquis 2.0 (Software)	Supplied with Olympus Stereomicroscope	Olympus Corporation, Tokyo, Japan
Cell^D (Software)	Analysis Image processing supplied with Olympus microscope	Olympus high resolution microscope model BX51TRF Tokyo, Japan
Spectrum™ 800 (light cure)	Model No. 703EU Serial No. 9902	Konstanz, Germany
Water Grinder	Model Type 95-2829 Serial No. 550NG 7r-807	Coventry, England
Struer (Silicon Carbide)	Grit 600 / P 1200	Lake Bluff, IL, USA
Shamadzu (Universal Testing Machine)	Model AG-X, 10N-10KN P.N. 346-55200-01	Shamadzu Corporation, Nakagyo, Japan
Memmert (Incubator)	P.N. 911652	Scwabch, Germany
Renfert (Sand blast machine)	Basic professional No. 300 Ser. No. 1152	Germany

**APPENDIX II**  
**Statistical Analysis**

**Table B Tensile Bond Strength Values For Luting Materials between Vita In-Ceram Coping and Spectrum Composite Core**

<b>Result</b>	<b>G1: Elite (Control)</b>	<b>G2: Fuji I</b>	<b>G3: Calibra</b>	<b>G4: Panavia</b>
<b>1</b>	0.19	1.87	13.09	11.54
<b>2</b>	0.28	0.87	7.74	8.63
<b>3</b>	0.48	0.13	15.39	11.31
<b>4</b>	0.34	1.95	15.27	6.77
<b>5</b>	0.01	2.09	9.71	11.96
<b>6</b>	0.25	0.52	19.39	20.06
<b>7</b>	0.51	0.51	16.12	15.00
<b>8</b>	0.87	0.01	13.70	11.68
<b>9</b>	0.31	1.48	5.80	8.74
<b>10</b>	0.97	0.55	18.45	12.01
<b>11</b>	0.34	1.84	15.97	11.24
<b>12</b>	0.46	1.25	13.49	15.47
<b>13</b>	0.39	2.43	16.02	22.57
<b>14</b>	0.56	1.57	16.21	15.92
<b>15</b>	0.72	2.87	10.32	8.43
<b>Mean</b>	0.4452	1.3292	13.7727	12.7543
<b>SD</b>	0.25684	0.86546	3.86550	4.37564

**Table C Tensile Bond Strength Values For Luting Materials between Vita In-Ceram Coping and Composan Core DC Composite Core**

<b>Result</b>	<b>G5: Elite (Control)</b>	<b>G6: Fuji I</b>	<b>G7: Calibra</b>	<b>G8: Panavia</b>
<b>1</b>	0.20	0.66	18.35	11.20
<b>2</b>	0.09	1.27	15.32	8.24
<b>3</b>	0.10	1.07	18.47	11.85
<b>4</b>	0.20	0.98	17.96	6.45
<b>5</b>	0.04	0.80	15.24	8.49
<b>6</b>	0.15	0.84	18.53	5.19
<b>7</b>	0.12	1.46	18.88	8.19
<b>8</b>	0.28	1.71	27.37	7.38
<b>9</b>	0.33	0.12	24.50	11.04
<b>10</b>	0.11	0.94	20.35	9.96
<b>11</b>	0.23	1.07	20.82	17.79
<b>12</b>	0.98	0.94	26.73	15.03
<b>13</b>	0.03	0.84	24.33	19.34
<b>14</b>	0.15	0.45	25.92	15.40
<b>15</b>	0.34	0.90	35.35	19.68
<b>Mean</b>	0.2231	0.9362	21.8747	11.6812
<b>SD</b>	0.22907	0.38125	5.43992	4.71255