## APPENDIX B

**Table: The measured and calculated data**

<table>
<thead>
<tr>
<th>Participant:</th>
<th>Gender:</th>
<th>Height (cm):</th>
<th>Weight (kg):</th>
<th>Distance aorta-pubis (cm)</th>
<th>Blood pressure OMRON SYS/DIA (mmHg)</th>
<th>Heart rate OMRON (BPM)</th>
<th>Heart rate OMRON (BPM)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>female</td>
<td>160</td>
<td>54</td>
<td>27</td>
<td>98/68</td>
<td>66</td>
<td>61</td>
</tr>
<tr>
<td>2</td>
<td>male</td>
<td>195</td>
<td>82</td>
<td>48</td>
<td>124/75</td>
<td>68</td>
<td>67</td>
</tr>
<tr>
<td>3</td>
<td>female</td>
<td>155</td>
<td>40</td>
<td>31</td>
<td>119/76</td>
<td>94</td>
<td>91</td>
</tr>
<tr>
<td>4</td>
<td>male</td>
<td>185</td>
<td>85</td>
<td>36</td>
<td>127/68</td>
<td>69</td>
<td>70</td>
</tr>
<tr>
<td>5</td>
<td>male</td>
<td>174</td>
<td>70</td>
<td>33</td>
<td>125/67</td>
<td>75</td>
<td>80</td>
</tr>
<tr>
<td>6</td>
<td>male</td>
<td>179</td>
<td>73</td>
<td>34</td>
<td>136/95</td>
<td>93</td>
<td>80</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Participant:</th>
<th>BIOPAC + Matlab PWV (m/s)</th>
<th>Python PWV Automatic (m/s)</th>
<th>Python PWV Manual (m/s)</th>
<th>Heart rate Python (BPM)</th>
<th>Blood pressure Python SYS/DIA (mmHg)</th>
<th>Python MAP (mmHg)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>3,46</td>
<td>5,54 ± 0,92</td>
<td>3,45 ± 0,42</td>
<td>62</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>2</td>
<td>9,6</td>
<td>5,3 ± 0,56</td>
<td>8,8 ± 0,52</td>
<td>67</td>
<td>128/79</td>
<td>112</td>
</tr>
<tr>
<td>3</td>
<td>5,44</td>
<td>5,81 ± 1,11</td>
<td>5,44 ± 0,58</td>
<td>92</td>
<td>135/86</td>
<td>102</td>
</tr>
<tr>
<td>4</td>
<td>4,8</td>
<td>5,51 ± 1,00</td>
<td>4,97 ± 0,63</td>
<td>70</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>5</td>
<td>4,61</td>
<td>4,63 ± 0,52</td>
<td>4,7 ± 0,54</td>
<td>80</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>6</td>
<td>NA</td>
<td>6,95 ± 0,48</td>
<td>5,68 ± 0,55</td>
<td>80</td>
<td>142/85</td>
<td>110</td>
</tr>
</tbody>
</table>