Supplement of

Hydroclimatic variability in the Levant during the early last glacial (∼117–75 ka) derived from micro-facies analyses of deep Dead Sea sediments

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Table S1: Table of grain sizes of all samples and distinguished between micro-facies types before and after dissolution of CaCO₃; given are the median values for clay, silt, sand, the mean grain size and the clay/silt ratio; n - number of samples, stdv. – standard deviation.

<table>
<thead>
<tr>
<th>facies</th>
<th>n</th>
<th>clay (%)</th>
<th>stdv.</th>
<th>silt (%)</th>
<th>stdv.</th>
<th>sand (%)</th>
<th>stdv.</th>
<th>mean (µm)</th>
<th>stdv.</th>
<th>clay/silt</th>
<th>stdv.</th>
</tr>
</thead>
<tbody>
<tr>
<td>CaCO₃ included</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>all samples</td>
<td>363</td>
<td>54.31</td>
<td>10.21</td>
<td>44.52</td>
<td>8.67</td>
<td>0.14</td>
<td>5.92</td>
<td>6.54</td>
<td>34.17</td>
<td>1.21</td>
<td>0.43</td>
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<td>9.05</td>
<td>49.77</td>
<td>7.64</td>
<td>0.18</td>
<td>4.17</td>
<td>7.01</td>
<td>7.60</td>
<td>1.00</td>
<td>0.29</td>
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<td>aad-n</td>
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<td>57.84</td>
<td>8.29</td>
<td>41.97</td>
<td>7.27</td>
<td>0.08</td>
<td>2.01</td>
<td>5.81</td>
<td>3.11</td>
<td>1.38</td>
<td>0.41</td>
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<td>13.48</td>
<td>44.60</td>
<td>10.84</td>
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<td></td>
<td></td>
<td></td>
<td></td>
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<tr>
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<td>54.83</td>
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<td>25.52</td>
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<td>7.52</td>
<td>57.71</td>
<td>6.81</td>
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<td>5.03</td>
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<td>53.57</td>
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<td>0.21</td>
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<td>45.94</td>
<td>6.99</td>
<td>52.99</td>
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<td>14.98</td>
<td>12.51</td>
<td>60.31</td>
<td>0.69</td>
<td>0.24</td>
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</table>

Figure S1: Box-Whisker plots of mean grain sizes distinguished between micro-facies types before and after dissolution of CaCO₃; indicated are the minimum, lower quartile, median, upper quartile and maximum.