**Early Chariots and Religion in South-Eastern Europe and the Aegean during the Bronze Age: A Reappraisal of the Dupljaja Chariot in Context**

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**Supplementary Material**

***Supplementary Table S1.*** *XRF data used in the study. Entries in grey were not considered in the statistical assessment because of their low totals.*

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **SAMPLE** | **Chariot** | **SiO2** | **TiO2** | **Al2O3** | **Fe2O3** | **MnO** | **MgO** | **CaO** | **K2O** | **P2O5** | **S** | **V** | **Cr** | **Ni** | **Cu** | **Zn** | **As** | **Rb** | **Sr** | **Y** | **Zr** | **Nb** | **Mo** | **Pb** | **Th** | **Total** |
| **Skirt front** | 2 | 61.30 | 1.25 | 14.73 | 6.61 | 0.20 | 2.27 | 8.23 | 2.92 | 2.50 | 2718 | 10 | 6 | 5 | 9 | 68 | 2 | 9 | 14 | 3 | 26 | 2 | 1 | 10 | 1 | \*71.37 |
| **Skirt side** | 2 | 62.36 | 1.11 | 14.83 | 6.09 | 0.18 | 3.39 | 6.44 | 2.88 | 2.72 | 2999 | 8 | 7 | 6 | 10 | 17 | 1 | 10 | 15 | 3 | 29 | 2 | 0 | 7 | 2 | \*81.39 |
| **Shoulder back** | 2 | 60.84 | 1.41 | 13.94 | 7.52 | 0.22 | 2.09 | 8.69 | 3.13 | 2.17 | 4011 | 8 | 8 | 5 | 10 | 23 | 1 | 9 | 14 | 3 | 25 | 2 | 1 | 7 | 2 | \*\*61.30 |
| **Head back** | 2 | 61.95 | 1.14 | 17.29 | 5.69 | 0.18 | 3.04 | 5.95 | 2.58 | 2.18 | 2917 | 13 | 13 | 6 | 14 | 60 | 2 | 10 | 15 | 3 | 27 | 1 | 0 | 11 | 0 | \*87.67 |
| **Chariot side** | 2 | 64.54 | 1.22 | 15.17 | 6.61 | 0.21 | 1.63 | 5.64 | 3.65 | 1.33 | 1658 | 6 | 8 | 5 | 11 | 16 | 2 | 9 | 14 | 3 | 27 | 2 | 1 | 6 | 2 | \*71.34 |
| **Chariot side** | 2 | 43.56 | 5.22 | 12.85 | 30.68 | 0.87 | 0.00 | 3.94 | 2.18 | 0.69 | 255 | 7 | 7 | 6 | 12 | 16 | 2 | 10 | 16 | 3 | 25 | 2 | 1 | 6 | 1 | \*\*13.36 |
| **Yoke** | 2 | 62.05 | 1.52 | 15.29 | 8.40 | 0.23 | 0.00 | 7.28 | 4.25 | 0.98 | 1566 | 9 | 8 | 5 | 13 | 19 | 4 | 9 | 14 | 3 | 25 | 2 | 1 | 15 | 2 | \*\*55.05 |
| **Conseration material side** | 2 | 13.21 | 2.70 | 3.16 | 5.66 | 1.23 | 0.00 | 73.44 | 0.43 | 0.17 | 314 | 0 | 0 | 2 | 5 | 4 | 2 | 0 | 78 | 0 | 0 | 0 | 1 | 4 | 0 | \*\*48.91 |
| **Conseration material side** | 2 | 10.92 | 2.70 | 1.61 | 5.02 | 1.06 | 6.32 | 71.69 | 0.49 | 0.18 | 815 | 4 | 0 | 2 | 5 | 4 | 1 | 0 | 81 | 0 | 0 | 0 | 0 | 1 | 0 | \*\*49.36 |
| **Inside** | 2 | 64.50 | 1.03 | 15.47 | 6.27 | 0.19 | 2.68 | 5.10 | 3.60 | 1.15 | 1388 | 7 | 9 | 4 | 9 | 14 | 2 | 10 | 14 | 3 | 27 | 2 | 0 | 8 | 1 | \*77.29 |
| **Inside conservation material** | 2 | 23.30 | 2.01 | 5.63 | 5.42 | 1.07 | 0.00 | 62.08 | 0.38 | 0.12 | 308 | 0 | 0 | 3 | 5 | 7 | 4 | 0 | 75 | 0 | 0 | 0 | 0 | 13 | 0 | \*\*57.87 |
| **Wheel 1 black** | 2 | 61.54 | 1.14 | 14.30 | 6.49 | 0.18 | 3.05 | 7.64 | 3.89 | 1.78 | 1689 | 7 | 6 | 5 | 19 | 18 | 8 | 9 | 14 | 3 | 25 | 2 | 1 | 35 | 1 | \*71.58 |
| **Wheel 1 red** | 2 | 59.71 | 1.23 | 15.25 | 6.54 | 0.22 | 3.05 | 8.36 | 3.69 | 1.95 | 1691 | 7 | 11 | 6 | 13 | 17 | 5 | 9 | 15 | 3 | 25 | 2 | 0 | 23 | 1 | \*\*65.72 |
| **Wheel 1 black back** | 2 | 59.60 | 1.27 | 14.65 | 7.78 | 0.23 | 0.00 | 11.40 | 3.96 | 1.10 | 2009 | 6 | 8 | 4 | 14 | 15 | 5 | 9 | 13 | 3 | 24 | 2 | 0 | 26 | 0 | \*\*56.99 |
| **Wheel 1 red back** | 2 | 60.84 | 1.04 | 13.63 | 8.42 | 0.16 | 3.13 | 7.96 | 3.68 | 1.13 | 1366 | 6 | 6 | 4 | 12 | 19 | 7 | 8 | 12 | 2 | 23 | 2 | 1 | 31 | 1 | \*\*62.90 |
| **Wheel 2 red** | 2 | 62.71 | 1.27 | 13.48 | 6.77 | 0.20 | 0.00 | 9.86 | 4.28 | 1.41 | 2753 | 8 | 6 | 5 | 13 | 23 | 9 | 9 | 13 | 3 | 22 | 2 | 1 | 41 | 2 | \*\*57.12 |
| **Wheel 2 black** | 2 | 62.30 | 1.21 | 13.76 | 6.81 | 0.19 | 2.62 | 7.55 | 4.38 | 1.19 | 1646 | 6 | 6 | 5 | 13 | 22 | 8 | 9 | 13 | 3 | 24 | 2 | 1 | 39 | 2 | \*\*64.40 |
| **Wheel 2 spoke meets rim** | 2 | 52.36 | 1.51 | 12.42 | 8.13 | 0.29 | 2.90 | 16.56 | 4.27 | 1.55 | 2506 | 8 | 7 | 6 | 14 | 26 | 8 | 10 | 17 | 3 | 26 | 2 | 1 | 34 | 1 | \*\*56.33 |
| **Chariot wheel front** | 1 | 65.34 | 1.07 | 18.92 | 5.60 | 0.14 | 1.82 | 3.68 | 3.04 | 0.38 | 1373 | 7 | 10 | 5 | 8 | 15 | 1 | 9 | 15 | 3 | 24 | 1 | 0 | 4 | 0 | \*81.22 |
| **Chariot wheel front** | 1 | 66.68 | 1.08 | 17.49 | 5.43 | 0.13 | 2.23 | 3.22 | 3.28 | 0.46 | 2173 | 8 | 13 | 5 | 7 | 17 | 1 | 9 | 13 | 3 | 26 | 2 | 0 | 4 | 1 | \*82.66 |
| **Chariot wheel front** | 1 | 66.30 | 1.09 | 18.38 | 5.28 | 0.14 | 2.88 | 2.33 | 3.12 | 0.47 | 1124 | 7 | 10 | 5 | 8 | 17 | 1 | 9 | 13 | 3 | 28 | 2 | 1 | 4 | 2 | \*86.69 |
| **Chariot wheel front** | 1 | 63.07 | 1.77 | 19.26 | 9.55 | 0.21 | 0.00 | 2.51 | 3.23 | 0.40 | 559 | 8 | 9 | 5 | 8 | 15 | 1 | 10 | 14 | 3 | 27 | 2 | 1 | 4 | 1 | \*\*46.49 |
| **Chariot wheel front** | 1 | 66.22 | 1.13 | 19.24 | 5.82 | 0.13 | 1.31 | 2.31 | 3.40 | 0.45 | 1206 | 7 | 9 | 5 | 9 | 15 | 1 | 10 | 14 | 3 | 27 | 2 | 1 | 4 | 2 | \*81.87 |
| **Chariot wheel back 1** | 1 | 69.70 | 1.06 | 16.75 | 5.38 | 0.13 | 1.97 | 1.61 | 3.10 | 0.30 | 861 | 7 | 10 | 6 | 7 | 14 | 1 | 9 | 14 | 3 | 28 | 2 | 0 | 4 | 1 | 90.91 |
| **Chariot wheel back 1** | 1 | 70.14 | 1.08 | 16.45 | 5.46 | 0.12 | 2.07 | 1.12 | 3.24 | 0.33 | 325 | 6 | 10 | 5 | 9 | 13 | 1 | 10 | 14 | 3 | 28 | 2 | 1 | 4 | 2 | 90.36 |
| **Chariot wheel back 1** | 1 | 70.68 | 0.96 | 16.47 | 5.66 | 0.13 | 1.56 | 1.09 | 3.14 | 0.31 | 333 | 7 | 12 | 5 | 8 | 13 | 1 | 10 | 13 | 3 | 27 | 2 | 1 | 4 | 1 | 89.30 |
| **Chariot wheel back 1** | 1 | 69.69 | 0.97 | 16.79 | 5.09 | 0.11 | 2.27 | 1.45 | 3.25 | 0.37 | 971 | 8 | 11 | 5 | 8 | 13 | 1 | 9 | 13 | 3 | 26 | 2 | 0 | 4 | 1 | 91.67 |
| **Chariot wheel back 2** | 1 | 67.88 | 0.96 | 16.97 | 4.99 | 0.14 | 1.78 | 3.57 | 2.94 | 0.77 | 1099 | 7 | 9 | 4 | 7 | 15 | 1 | 9 | 13 | 3 | 23 | 2 | 1 | 3 | 1 | \*75.59 |
| **Chariot wheel back 2** | 1 | 68.99 | 1.05 | 16.67 | 5.48 | 0.14 | 1.70 | 2.45 | 3.19 | 0.34 | 1936 | 6 | 5 | 4 | 7 | 13 | 1 | 9 | 12 | 3 | 25 | 2 | 1 | 4 | 1 | \*77.45 |
| **Chariot wheel back 2** | 1 | 70.69 | 0.99 | 16.21 | 5.06 | 0.11 | 1.88 | 1.73 | 2.98 | 0.36 | 876 | 8 | 9 | 5 | 10 | 14 | 1 | 10 | 13 | 3 | 27 | 2 | 0 | 4 | 1 | 89.32 |
| **Chariot wheel back 2** | 1 | 69.46 | 1.10 | 16.00 | 5.54 | 0.11 | 1.97 | 2.18 | 3.37 | 0.27 | 2084 | 6 | 10 | 5 | 8 | 13 | 1 | 9 | 14 | 3 | 25 | 2 | 1 | 4 | 1 | \*83.33 |
| **Umbrella top** | 1 | 65.11 | 1.18 | 14.14 | 6.05 | 0.16 | 0.00 | 5.30 | 6.95 | 1.10 | 3921 | 5 | 10 | 5 | 13 | 14 | 1 | 10 | 14 | 3 | 27 | 2 | 1 | 4 | 2 | \*71.19 |
| **Umbrella top** | 1 | 63.44 | 1.13 | 14.92 | 6.02 | 0.16 | 1.16 | 5.14 | 6.44 | 1.59 | 3946 | 6 | 8 | 6 | 9 | 13 | 1 | 10 | 14 | 3 | 27 | 2 | 0 | 5 | 1 | \*76.91 |
| **Umbrella top** | 1 | 63.15 | 1.45 | 14.37 | 8.10 | 0.24 | 0.00 | 5.89 | 4.99 | 1.80 | 1035 | 8 | 7 | 8 | 22 | 20 | 1 | 10 | 15 | 4 | 28 | 2 | 2 | 4 | 4 | \*\*61.51 |
| **Chariot centre** | 1 | 70.09 | 1.11 | 15.33 | 5.45 | 0.15 | 1.78 | 1.91 | 3.91 | 0.28 | 1336 | 7 | 9 | 14 | 30 | 16 | 1 | 10 | 14 | 3 | 26 | 2 | 1 | 4 | 1 | \*87.25 |
| **Chariot side** | 1 | 68.37 | 1.12 | 16.63 | 5.61 | 0.13 | 2.05 | 1.70 | 3.98 | 0.41 | 874 | 8 | 9 | 6 | 8 | 20 | 1 | 10 | 14 | 3 | 29 | 2 | 0 | 4 | 2 | 91.70 |
| **Chariot other side** | 1 | 66.76 | 1.14 | 16.44 | 6.05 | 0.14 | 1.86 | 2.75 | 4.32 | 0.55 | 1240 | 7 | 8 | 5 | 10 | 17 | 1 | 9 | 14 | 3 | 27 | 2 | 1 | 4 | 2 | \*79.18 |
| **Chariot side duck** | 1 | 68.19 | 0.97 | 17.25 | 5.07 | 0.12 | 2.01 | 2.32 | 3.63 | 0.45 | 1838 | 6 | 9 | 5 | 9 | 15 | 1 | 10 | 15 | 3 | 26 | 2 | 0 | 4 | 1 | 93.51 |
| **Left duck head** | 1 | 62.08 | 1.00 | 16.69 | 5.64 | 0.16 | 3.16 | 6.55 | 3.17 | 1.56 | 4677 | 8 | 11 | 5 | 10 | 23 | 1 | 9 | 14 | 2 | 26 | 1 | 0 | 4 | 0 | \*74.83 |
| **Figurine skirt orang** | 1 | 64.02 | 1.15 | 14.79 | 5.90 | 0.16 | 3.01 | 5.77 | 4.58 | 0.60 | 4331 | 8 | 7 | 5 | 9 | 14 | 1 | 9 | 14 | 3 | 28 | 2 | 1 | 4 | 2 | \*73.88 |
| **Figurine skirt black** | 1 | 58.66 | 1.10 | 13.03 | 5.99 | 0.14 | 6.59 | 4.08 | 9.80 | 0.60 | 2361 | 5 | 10 | 5 | 11 | 14 | 1 | 9 | 13 | 3 | 26 | 2 | 2 | 5 | 3 | \*\*55.02 |
| **Right shoulder from the back** | 1 | 69.42 | 1.03 | 15.98 | 5.00 | 0.11 | 2.11 | 2.00 | 3.99 | 0.35 | 2031 | 7 | 9 | 5 | 8 | 13 | 1 | 9 | 14 | 3 | 26 | 2 | 0 | 4 | 1 | 93.66 |
| **Left shoulder from the back** | 1 | 69.24 | 1.43 | 14.50 | 7.27 | 0.17 | 0.00 | 2.03 | 4.90 | 0.46 | 900 | 7 | 10 | 5 | 11 | 15 | 1 | 10 | 14 | 4 | 27 | 2 | 1 | 4 | 3 | \*\*68.61 |
| **Inside skirt** | 1 | 66.79 | 1.79 | 13.32 | 9.26 | 0.24 | 0.00 | 2.89 | 5.47 | 0.23 | 956 | 5 | 8 | 7 | 18 | 16 | 1 | 9 | 13 | 3 | 28 | 2 | 2 | 4 | 4 | \*\*45.33 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |