**Online Appendix 1: Sources of Data**

*Wages*

Wages were collected from the following archival sources at the archive of the *Fabbrica* of St Peter:

1558-1562: Giornale, A terzo, ASFP, Arm. 25, B, 61

1562-1569: Giornale, B, ASFP, Arm. 25, B, 65

1570-1579: Giornale, ASFP, Arm. 25, C, 70

1579-1582: Giornale, ASFP, Arm. 25, C, 86

1582-1587: Giornale, ASFP, Arm. 25, D, 99

1585-1586: Giornale, ASFP, Arm. 25, D, 104

1587-1589: Libro delle giornate di muratori e manovali, ASFP, Arm, 25, D, 112

1589-1590: Libro delle giornate de muratori e manovali della Fabbrica, ASFP, Arm. 25, E, 126

1589-1590: Giornate di muratori e manovali de la Cupola di Santo Pietro, ASFP, Arm. 25 E, 127

1591-1593: Giornate de muratori e manovali, ASFP, Arm. 25, E, 134

1597-1602: Giornale de muratori e manovali della Cupula, ASFP, Arm. 26, A, 158

1617-1622: Stracciafogli, ASFP, Arm. 26, B, 218

1623-1633: Giornate del soprastante, ASFP, Arm. 26, C, 244

1629-1637: Giornate. Soprastante, ASFP, Arm. 26, C, 256

1648-1650: Rassegna di manuali della Fabrica di San Pietro, ASFP, Arm. 96, D, 296

1648-1653: Libro mastro del Fattore. Giornate di homini, AFSP, Arm. 96, D, 298

1653-1667: Libro mastro del Soprastante, AFSP, Arm. 26, E, 309

1653-1667: Libro mastro del Fattore, AFSP, Arm. 26, E, 310

1667-1684: Libro mastro del Fattore, AFSP, Arm. 27, A, 358

1667-1684: Libro mastro del Soprastante delle giornate, ASFP, Arm. 27, A, 359

1691-1716: Libro mastro del Soprastante delle giornate, ASFP, Arm. 27, B, 393

1712-1726: Rassegna dei manovali, ASFP, Arm. 27, C, 408

1716-1736: Libro mastro del Soprastante, spese, ASFP, Arm. 27, C, 415

1720-1725: Libro del Soprastante per il riscontro delle spese dei manovali, ASFP, Arm. 27, C, 418

1738-1755: Registro delle opere dei manuali, ASFP, Arm. 27, D, 431

1755-1769: Registro delle opere dei manovali, ASFP, Arm. 27, D, 433

1769-1777: Registro delle opere dei manovali, ASFP, Arm. 27, D, 436

1786: Liste bimestrali e giustificazioni dell’anno 1786, ASFP, Arm. 44, C, 1-2

1791-1794: Registro delle opere manovali, ASFP, Arm. 28, A, 446

1796-1798: Liste bimestrali e giustificazioni, ASFP, Arm. 44, F, 34/40

1800-1802: Liste bimestrali e giustificazioni, ASFP, Arm. 44, G, 44/50

1803-1805: Liste bimestrali e giustificazioni, ASFP, Arm. 45, A, 53/57

1809-1810: Liste bimestrali e giustificazioni, ASFP, Arm. 45, C, 66/69

*Prices*

*Bread*: 1563-1762: Reinhardt (1990). 1770-1810: Friz (1980). 1763-1769: interpolation. *Olive oil*: 1532-1648: Deluemau (1957). 1674-1810: Direzione generale di statistica (1878). 1649-1673: interpolation. *Wine*: 1533-1630: Deluemau (1957). 1631-1810: extended using wine prices for Central-Northern Italy from Allen (2001) and for Rome from Friz (1980). *Meat*: 1538-1629: Delumeau (1957); 1630-1810: Direzione generale di statistica (1878). *Eggs*: 1538-1630: Deluemau (1957). 1770-1810: Friz (1980). *Beans*: Prices assumed to be equal to the prices of wheat. Wheat prices: 1563-1797: Reinhardt (1991). 1798-1810: Direzione generale di statistica (1878). *Cheese*: 1560-1810: average prices of *ricotta fresca* from Direzione generale di statistica (1878) and Vaquero Pinerio (2009). *Firewood*: 1552-1650: Delumeau (1957). 1651-1810: prices of firewood in North Italy from Allen (2001).

**Online Appendix 2: Wage series robustness**

Figure A2: Silver wages of unskilled Roman workers using different cut-off points, 1560-1810



*Note*: Local polynomial smooth plots were created using *lpoly* in Stata IC/16. *Source*: the *Fabbrica of St Peter* (see Online Appendix 1).

**Online Appendix 3: Wage and price data by demi-decade**

Table A4: Wages and prices in Rome, by demi-decade, 1560-1810

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Demi | Nominal wages | Real wages | Cost | Skill |
| decade | unskilled | skilled | unskilled | skilled | of living | premium |
| 1560-64 | 5.84 | 7.05 | 5.99 | 7.02 | 0.99 | 1.21 |
| 1565-69 | 5.85 | 7.01 | 5.42 | 7.01 | 1.01 | 1.20 |
| 1570-74 | 5.75 | 7.02 | 4.86 | 7.26 | 1.06 | 1.22 |
| 1575-79 | 5.78 | 7.98 | 4.68 | 7.47 | 1.13 | 1.38 |
| 1580-84 | 5.96 | 9.53 | 4.61 | 7.60 | 1.22 | 1.60 |
| 1585-89 | 6.13 | 10.46 | 4.59 | 7.72 | 1.3 | 1.71 |
| 1590-94 | 6.22 | 10.49 | 4.64 | 7.85 | 1.35 | 1.69 |
| 1595-99 | 6.32 | 10.48 | 4.75 | 8.35 | 1.38 | 1.66 |
| 1600-04 | 6.55 | 11.53 | 4.90 | 8.95 | 1.35 | 1.76 |
| 1605-09 | 6.95 | 13.27 | 5.13 | 9.60 | 1.31 | 1.91 |
| 1610-14 | 7.24 | 14.13 | 5.37 | 10.03 | 1.31 | 1.95 |
| 1615-19 | 7.53 | 14.12 | 5.64 | 10.23 | 1.35 | 1.88 |
| 1620-24 | 7.96 | 14.02 | 5.92 | 10.26 | 1.39 | 1.76 |
| 1625-29 | 8.46 | 14.07 | 6.18 | 10.33 | 1.41 | 1.66 |
| 1630-34 | 8.98 | 14.58 | 6.40 | 10.49 | 1.41 | 1.62 |
| 1635-39 | 9.45 | 15.39 | 6.59 | 10.84 | 1.43 | 1.63 |
| 1640-44 | 9.84 | 16.17 | 6.76 | 11.21 | 1.45 | 1.64 |
| 1645-49 | 9.97 | 16.69 | 6.83 | 11.51 | 1.47 | 1.67 |
| 1650-54 | 9.86 | 17.07 | 6.77 | 11.63 | 1.47 | 1.73 |
| 1655-59 | 9.50 | 16.86 | 6.63 | 11.48 | 1.44 | 1.77 |
| 1660-64 | 9.07 | 15.99 | 6.52 | 11.12 | 1.38 | 1.76 |
| 1665-69 | 8.73 | 14.69 | 6.47 | 10.73 | 1.33 | 1.68 |
| 1670-74 | 8.47 | 13.54 | 6.46 | 10.36 | 1.29 | 1.60 |
| 1675-79 | 8.31 | 12.51 | 6.50 | 9.92 | 1.25 | 1.50 |
| 1680-84 | 8.24 | 11.81 | 6.54 | 9.48 | 1.23 | 1.43 |
| 1685-89 | 8.34 | 11.66 | 6.59 | 9.25 | 1.23 | 1.40 |
| 1690-94 | 8.48 | 11.66 | 6.67 | 9.20 | 1.25 | 1.38 |
| 1695-99 | 8.53 | 11.66 | 6.71 | 9.16 | 1.27 | 1.37 |
| 1700-04 | 8.58 | 11.66 | 6.76 | 9.11 | 1.28 | 1.36 |
| 1705-09 | 8.62 | 11.61 | 6.73 | 9.05 | 1.28 | 1.35 |
| 1710-14 | 8.50 | 11.47 | 6.58 | 9.02 | 1.27 | 1.35 |
| 1715-19 | 8.20 | 11.39 | 6.38 | 9.05 | 1.26 | 1.39 |
| 1720-24 | 7.83 | 11.36 | 6.18 | 9.09 | 1.25 | 1.45 |
| 1725-29 | *7.50* | 11.40 | 6.02 | 9.14 | 1.24 | 1.52 |
| 1730-34 | 7.26 | 11.49 | 5.88 | 9.19 | 1.25 | 1.58 |
| 1735-39 | 7.14 | 11.62 | 5.77 | 9.16 | 1.25 | 1.63 |
| 1740-44 | 7.17 | 11.46 | 5.69 | 9.03 | 1.26 | 1.60 |
| 1745-49 | 7.21 | 11.11 | 5.59 | 8.75 | 1.26 | 1.54 |
| 1750-54 | 7.03 | 10.68 | 5.45 | 8.39 | 1.26 | 1.52 |
| 1755-59 | 6.73 | 10.26 | 5.22 | 8.02 | 1.28 | 1.52 |
| 1760-64 | 6.41 | 9.94 | 4.99 | 7.70 | 1.32 | 1.55 |
| 1765-69 | 6.13 | 9.81 | 4.74 | 7.45 | 1.37 | 1.60 |
| 1770-74 | 5.93 | 9.81 | 4.43 | 7.27 | 1.4 | 1.66 |
| 1775-79 | 5.69 | 9.81 | 4.18 | 7.05 | 1.43 | 1.72 |
| 1780-84 | 5.83 | 9.81 | 4.06 | 6.82 | 1.45 | 1.68 |
| 1785-89 | 6.00 | 9.81 | 4.04 | 6.56 | 1.48 | 1.64 |
| 1790-94 | 6.14 | 9.81 | 3.99 | 6.35 | 1.53 | 1.60 |
| 1795-99 | 6.27 | 9.81 | 3.98 | 6.27 | 1.58 | 1.56 |
| 1800-04 | 6.40 | 9.81 | 4.02 | 6.23 | 1.62 | 1.53 |
| 1805-10 | 6.61 | 9.81 | 4.08 | 6.17 | 1.64 | 1.48 |

*Notes*: Nominal wages and costs of living are reported in grams of sliver per day. The numbers were extracted from the fitted lines reported in Figures 4 to 9 using the function *serset* in Stata/IC16. Six demi decades (three for each skill group) were closed using interpolation (numbers reported in *italic* above). *Source*: the *Fabbrica of St Peter* (see Online Appendix 1).