coatings

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SUPPLEMENTARY INFORMATION

Compositional and morphological comparison among three coeval violins made by Giuseppe Guarneri "del Gesù" in 1734

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Figure S1. Visible (left) and UV (right) images of the backplate of the Spagnoletti (**a**), Stauffer (**b**), and Principe Doria (**c**) made by Giuseppe Guarneri del Gesù in 1734.

Figure S2. Images of the soundboard of the Spagnoletti (**a**), Stauffer (**b**), and Principe Doria (**c**) violins obtained through UV Analyzer. Different colors correspond to best-conserved (orange), worn-out (light blue), and restoration (red, blue, and green) areas, according to their different UV fluorescence levels.

Figure S3. Legend of the measurement positions acquired on the violins.

Table S1. Measurements obtained on the 3D models of the three violins. Measurement letters in the first column are related to the measurement positions shown in Figure S3.

Measure	Spagnoletti (mm)	Stauffer (mm)	Principe Doria (mm)
a	349.50	349.37	349.95
b	164.05	160.67	163.97
c	108.19	106.41	105.48
d	203.63	201.32	201.85
e	349.38	348.81	348.82
f	162.38	161.76	166.02
g	107.14	107.23	107.19
h	203.42	200.16	203.66
i	31.17	29.33	29.50
j	30.51	30.01	29.91
j1	30.44	29.58	29.14
k	30.35	28.85	27.73
n	195.27	193.08	192.79
o	38.77	38.27	38.96
p	69.34	68.66	69.53
q	107.21	107.30	109.02
r1	76.53	77.05	74.59
r2	76.82	76.53	75.41