Figure S1: Values of $LL_{\text{mean}}$ for each considered branch of MPS19 for the localities in five macro-areas and for all the sites, for SA 0.2 s, MI6+ (left) and MI8+ (right), and for each GMM (“BeA11”: Bindi et al., 2011; “BeA14”: Bindi et al., 2014; “CeA15”: Cauzzi et al., 2015). The branches are represented in abscissa from left to right grouped according to the 11 seismicity models.
Figure S2: Values of $\text{LL}_{\text{mean}}$ for each considered branch of MPS19 for the localities in five macro-areas and for all the sites, for SA 1 s, MI6+ (left) and MI8+ (right), and for each adopted GMM. The branches are represented in abscissa from left to right grouped according to the 11 seismicity models.
Figure S3: Dispersion of the $LL_{\text{mean}}$ values among the four more representative macro-areas for each branch, for SA 0.2 s (top) and 1 s (bottom), MI6+ and MI8+. The color of the dots indicates the seismicity model, while the color of the borders indicates the GMM used in that branch.
Figure S4: Comparison between the ranking of the branches for SA 0.2 s (top) and 1 s (bottom), based on the LL\textsubscript{mean} values for MI6+ and MI8+. The color of the dots indicates the seismicity model, while the color of the borders indicates the GMM used in that branch. Black dotted lines identify the 70\textsuperscript{th} position in both rankings.