L-edge sum rule analysis on 3d transition metal sites: from d\textsuperscript{10} to d\textsuperscript{0} and towards application to extremely dilute metallo-enzymes

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Supplemental Information
Figure S1 The Ni L XAS for Ni metal. The L XAS feature is similar with a 3d₈ compound, such as NiF₂.
Figure S2 The Ni L XAS for ultra-covalent (Ph₄As)₂Ni[S₂C₂(CF₃)₂]₂ (50.5%), (ⁿBu₄N)Ni[S₂C₂(CF₃)₂]₂ (44.0%) and Ni[S₂C₂(CF₃)₂]₂ (38.5%) complexes.
Figure S3 The Mn K XAS for MnO (green), Mn$_2$O$_3$ (red) and KMnO$_4$ (black), including their EXAFS regions.