Electronic Supplementary Material (ESI) for Journal of Materials Chemistry C.

Single-layer metal halides MX_2 (X = Cl, Br, I): stability and tunable magnetism from first principles and Monte Carlo simulation

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Electronic supplementary information

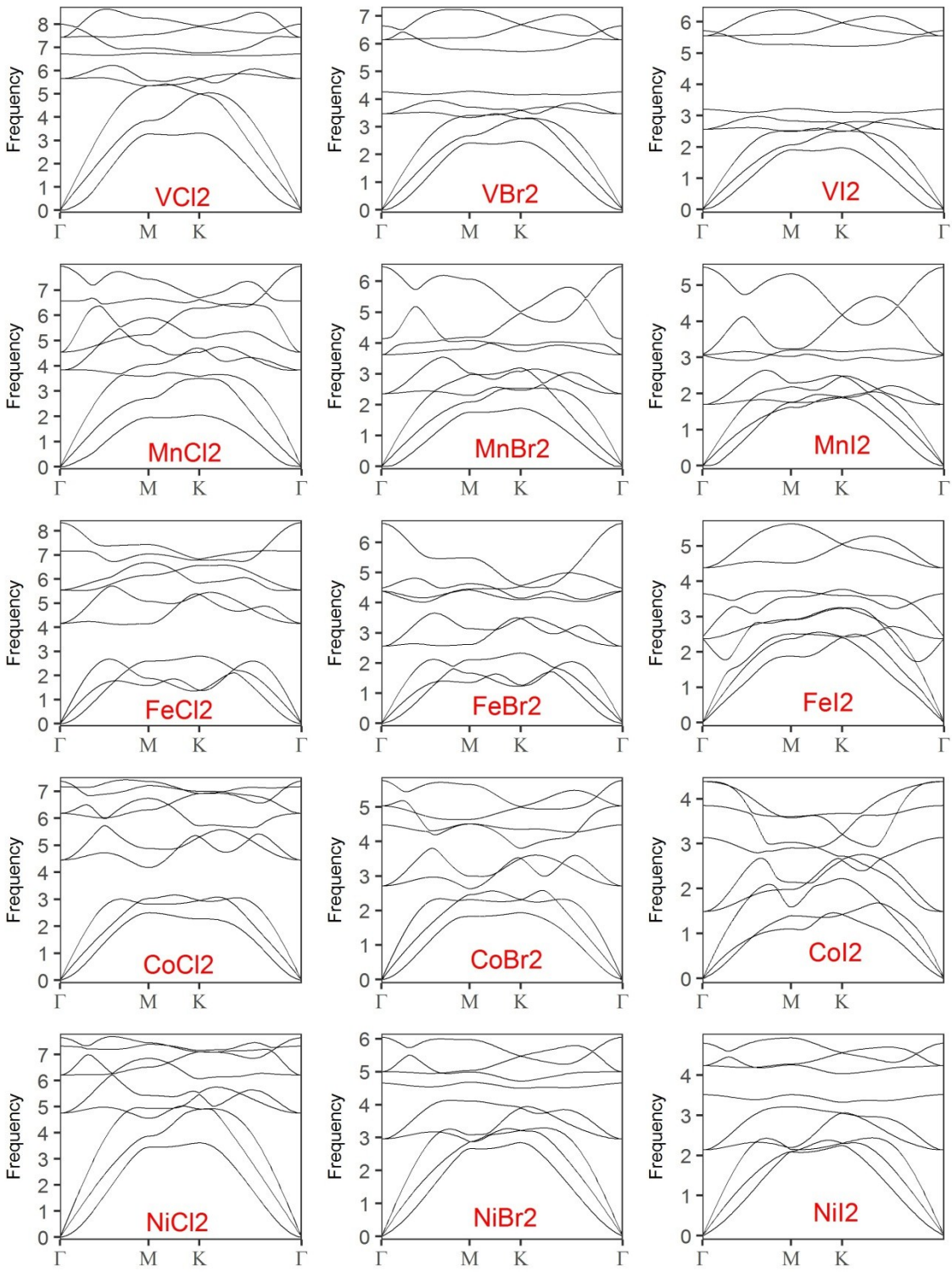

Figure S1. Calculated phonon dispersions of single-layer dihalides

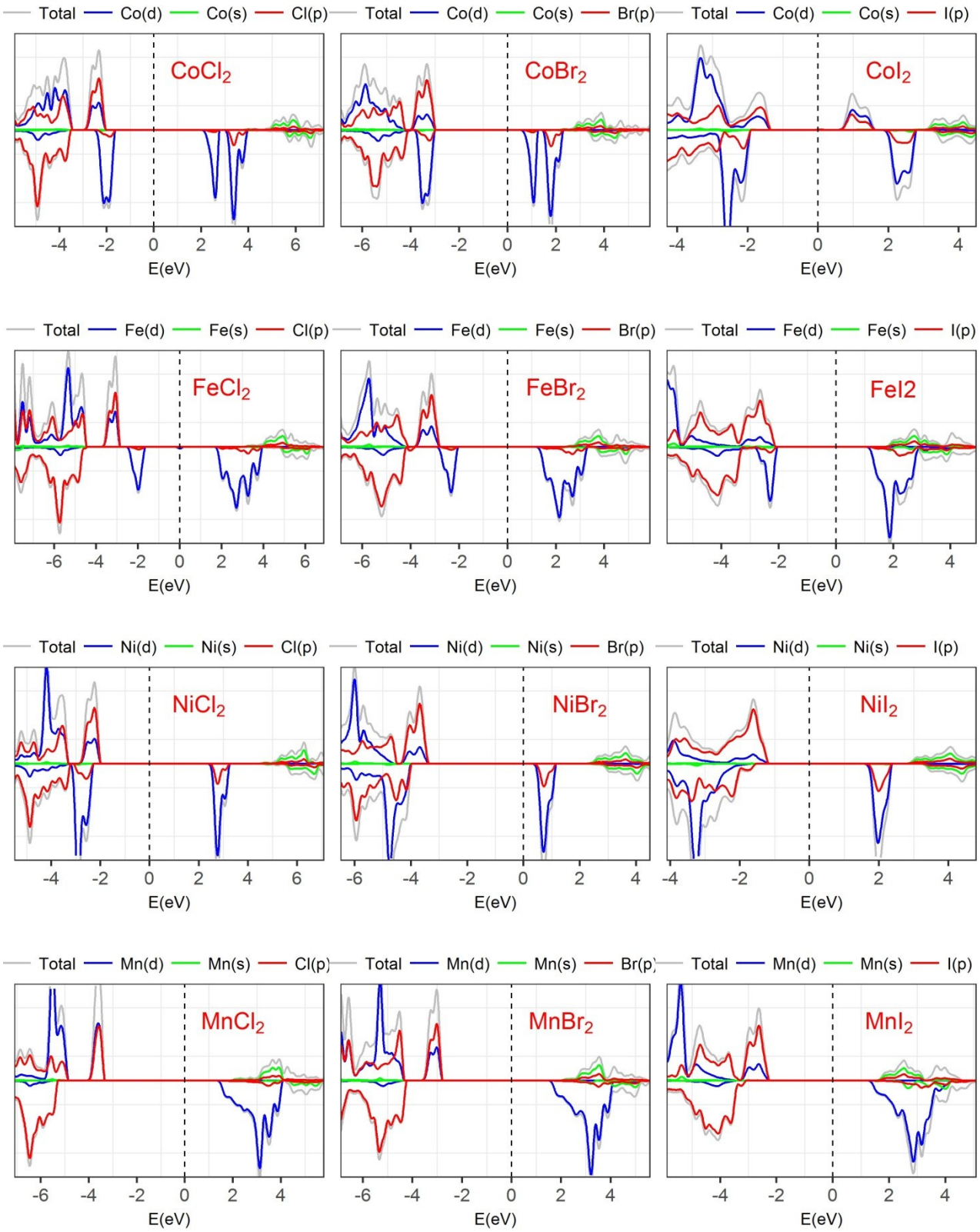

Figure S2. Density of states (DOS) of Co, Ni, Fe and Mn-based single-layer dihalides calculated using the HSE functional

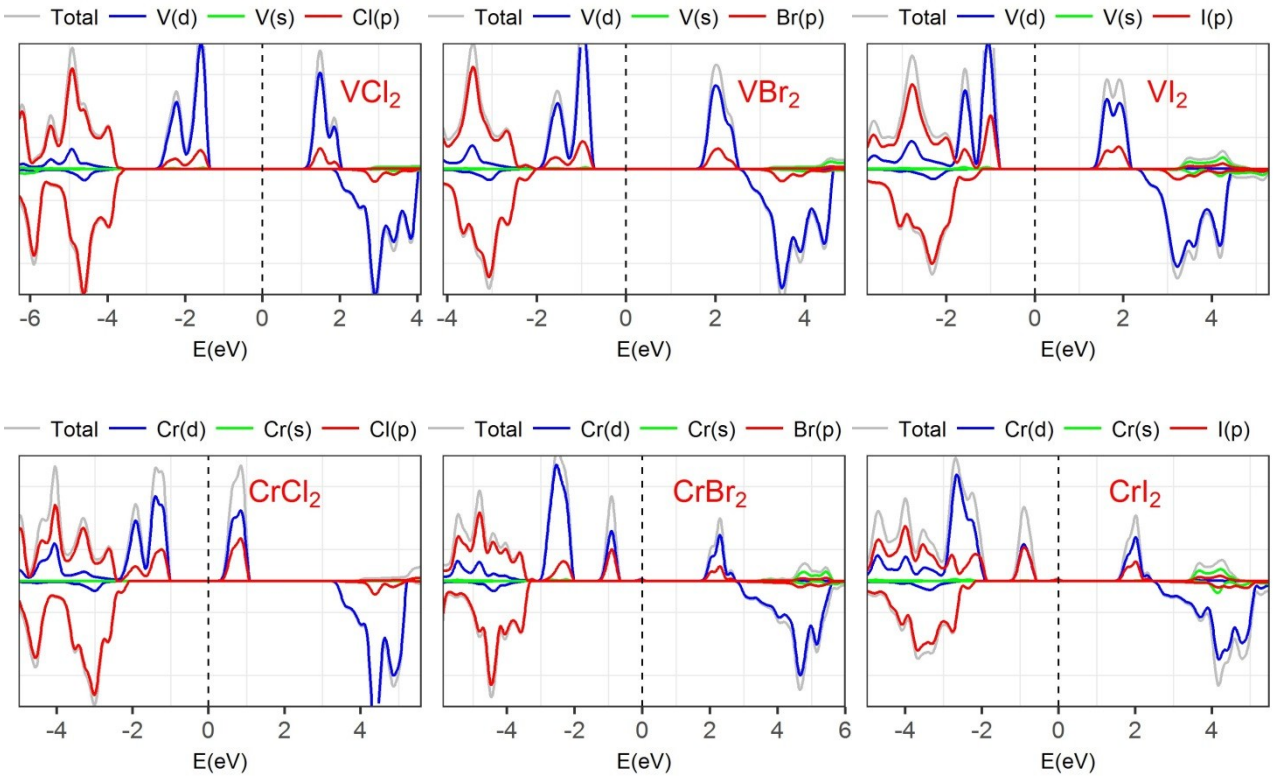

Figure S3. Density of states (DOS) of V and Cr-based single-layer dihalides calculated using the HSE functional