

# Supplemental Information for The Role of High-Order Electron Correlation Effects in a Model System for Non-valence Correlation-bound Anions

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## 1 SUPPLEMENTAL BASIS FUNCTIONS

**Listing 1:** The 7s7p set of diffuse functions in the GAMESS format.

```
S    1
      1    0.02362232    1.0
S    1
      1    0.00738198    1.0
S    1
      1    0.00230687    1.0
S    1
      1    0.00072090    1.0
S    1
      1    0.00022528    1.0
S    1
      1    0.00007040    1.0
S    1
      1    0.00002200    1.0
P    1
      1    0.02362232    1.0
P    1
      1    0.00738198    1.0
P    1
      1    0.00230687    1.0
P    1
      1    0.00072090    1.0
```

```
P    1
      1    0.00022528    1.0
P    1
      1    0.00007040    1.0
P    1
      1    0.00002200    1.0 ‘
```

**Listing 2:** The 3s1p set of diffuse functions in the GAMESS format.

```
S    1
      1    0.02362232    1.0
S    1
      1    0.00738198    1.0
S    1
      1    0.00230687    1.0
P    1
      1    0.02362232    1.0
```

## 2 TIMESTEP EXTRAPOLATION OF DMC DATA

## REFERENCES