```
m_1 m_2 m_3 m_4 m_1 m_2 m_3 m_4 m_5 m_5
                                                                                  n doubles n doubles
            n doubles
                                                        a) Struct of Arrays
3 doubles
                                                                                        n structs
                                                        b) Array of Structs
mg ···
v=4 doubles
                                                                                  3 arrays
                                                                                    m structs
                    c) Array of Structs of Arrays
```