Supplementary Information (SI) for Physical Chemistry Chemical Physics.

Supporting Information

The Influence of Interlayer Bias and Crystal Field on the Electronic Characteristics of Twisted Tri-layer Graphene

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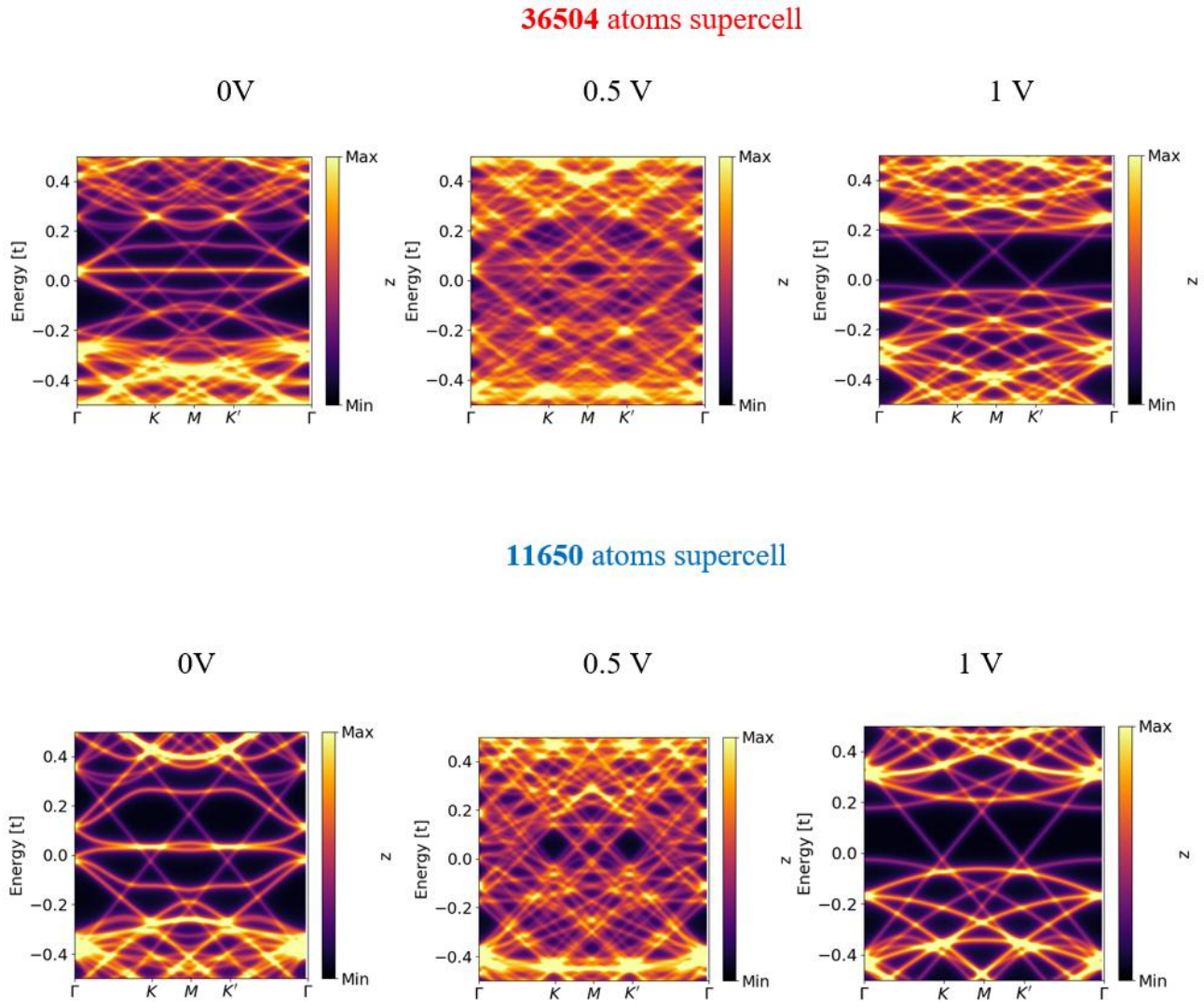

Figure S1: The comparative band structure results for two systems of different sizes considering interlayer bias. It is noticeable that the general trend in band structure evolution (in particular, localized and dispersive bands), as influenced by the interlayer bias, remains largely consistent (albeit with slight variations) as the system size increases.

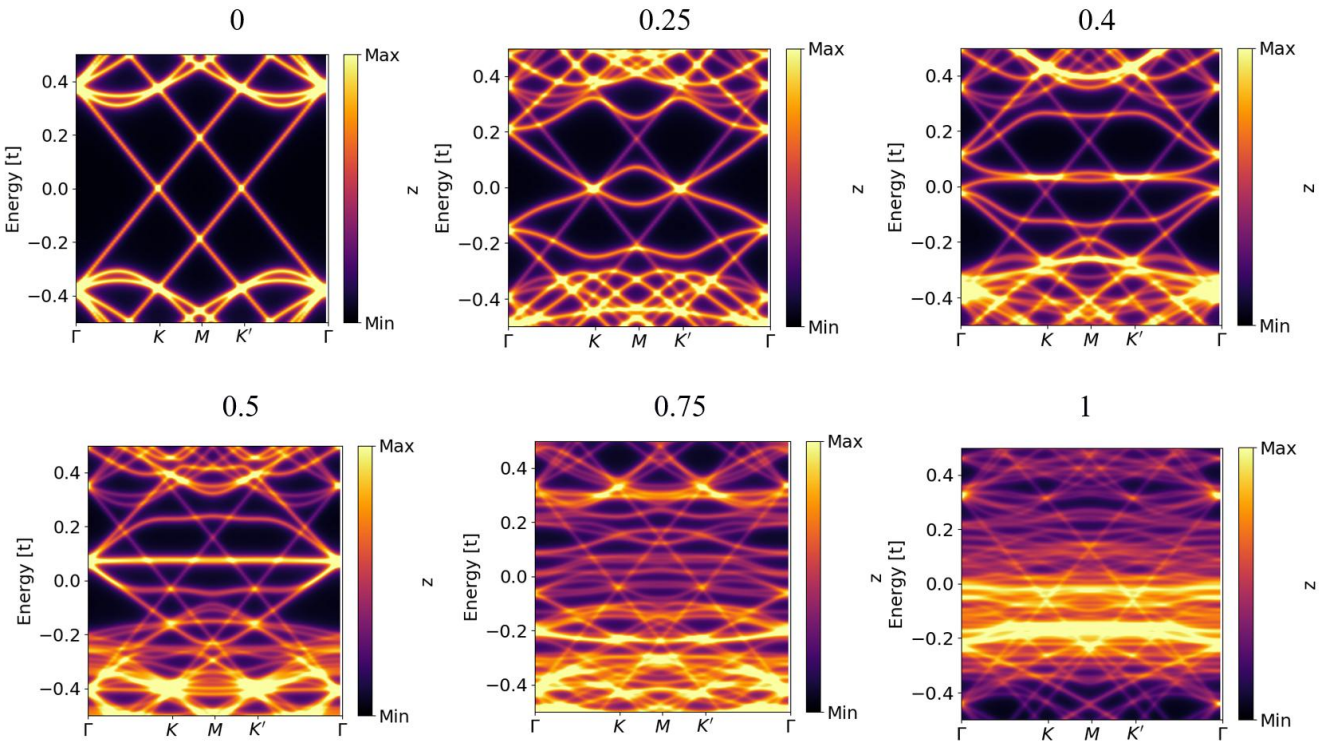

Figure S2: Band structure results depicting variations in interlayer hopping with a zero-interlayer bias. Flat bands emerge for a value of 0.4