



Scalable Graphene Defect Prediction Using Transferable Learning

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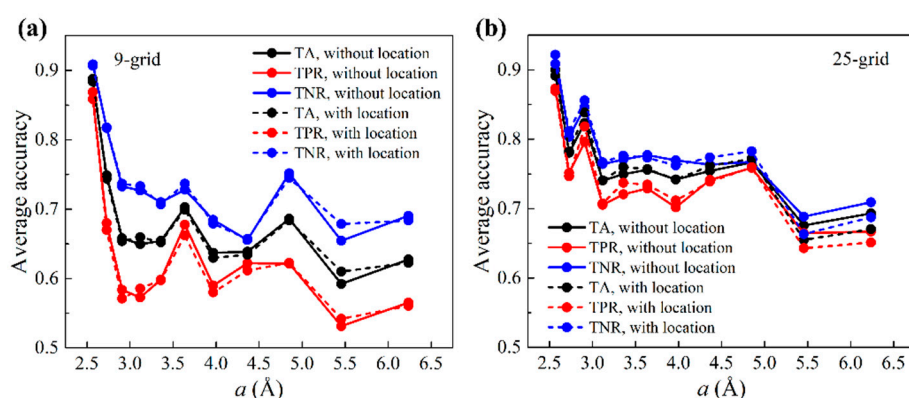


Figure S1. Validation accuracies with and without query point locations. (a) 9-grid and (b) 25-grid approaches.

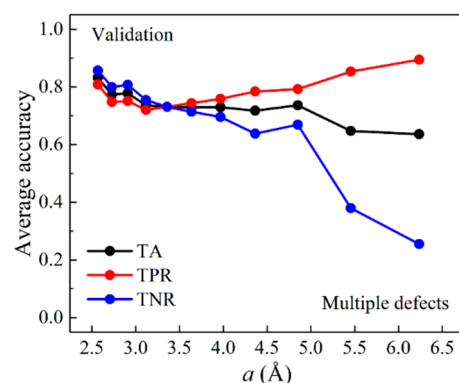


Figure S2. Validation accuracies of multiple-defect graphene sheets.

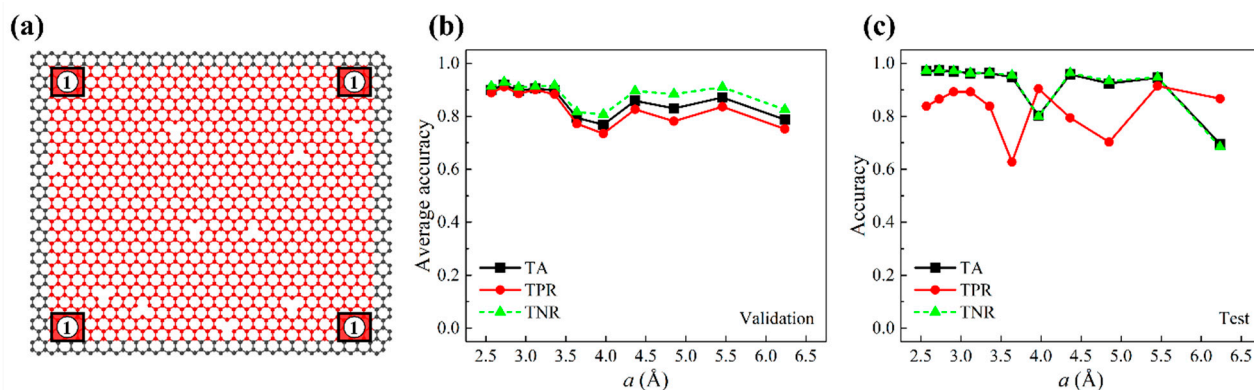


Figure S3. Validation and test accuracies of Type 1 near-edge/-corner defects. The length of feature vectors is 9.
(a) Illustration of Type 1 near-edge/-corner defects. (b) Validation and (c) test accuracies.

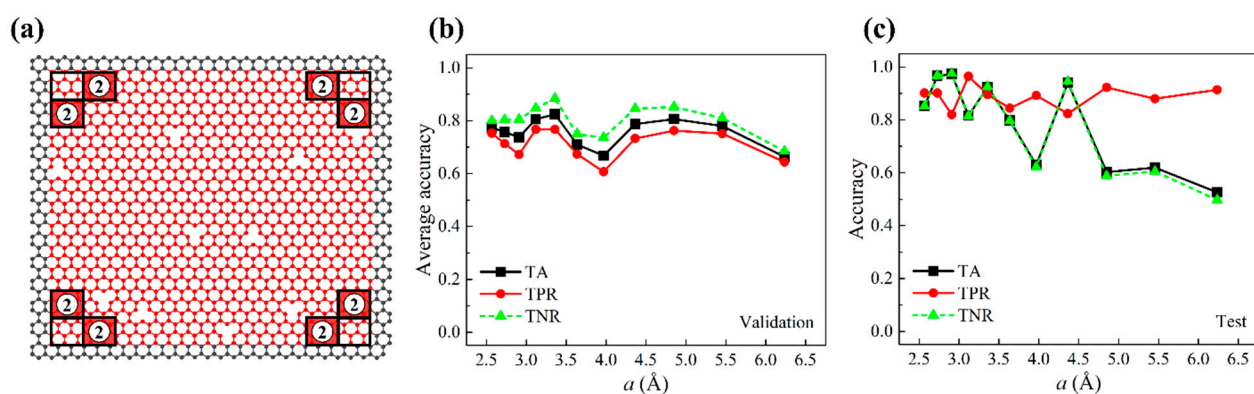


Figure S4. Validation and test accuracies of Type 2 near-edge/-corner defects. The length of feature vectors is 12.
(a) Illustration of Type 2 near-edge/-corner defects. (b) Validation and (c) test accuracies.

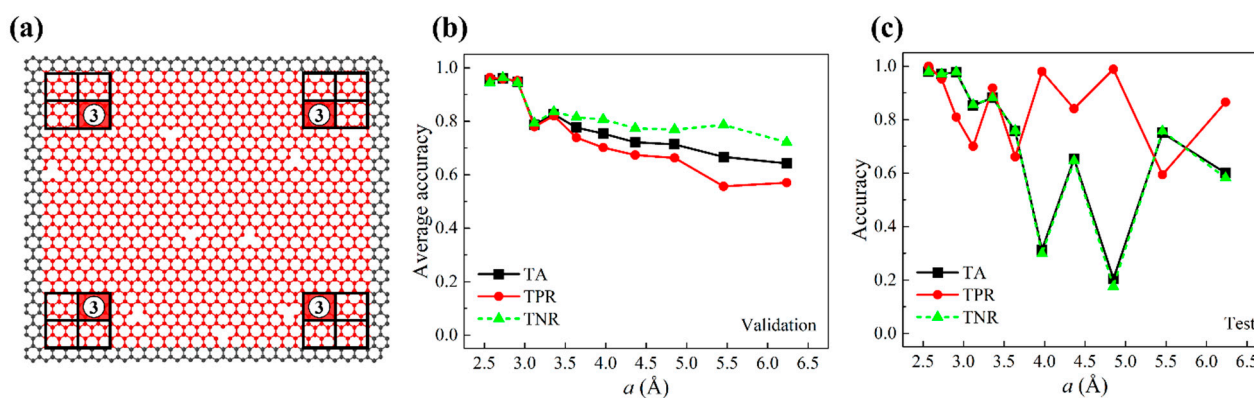


Figure S5. Validation and test accuracies of Type 3 near-edge/-corner defects. The length of feature vectors is 16.
(a) Illustration of Type 3 near-edge/-corner defects. (b) Validation and (c) test accuracies.

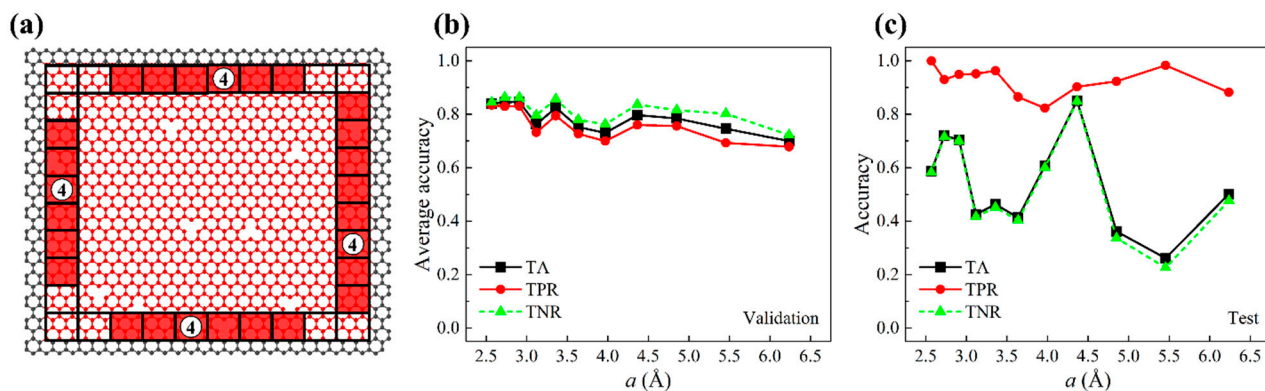


Figure S6. Validation and test accuracies of Type 4 near-edge/-corner defects. The length of feature vectors is 15.
(a) Illustration of Type 4 near-edge/-corner defects. (b) Validation and (c) test accuracies.

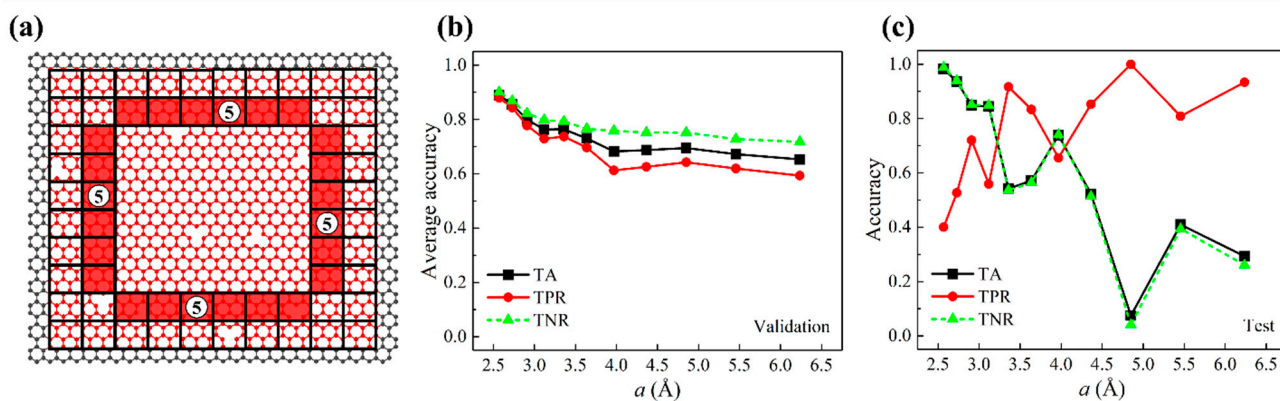


Figure S7. Validation and test accuracies of Type 5 near-edge/-corner defects. The length of feature vectors is 20.
(a) Illustration of Type 5 near-edge/-corner defects. (b) Validation and (c) test accuracies.

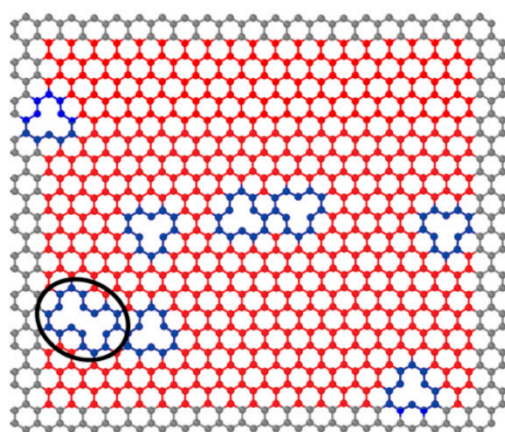


Figure S8. An example of graphene sheet that contains a larger defect (circled).