Supporting Information for Intensified Aleutian Low induces weak Pacific Decadal Variability by Dow et al. submitted to Environmental Research Letters
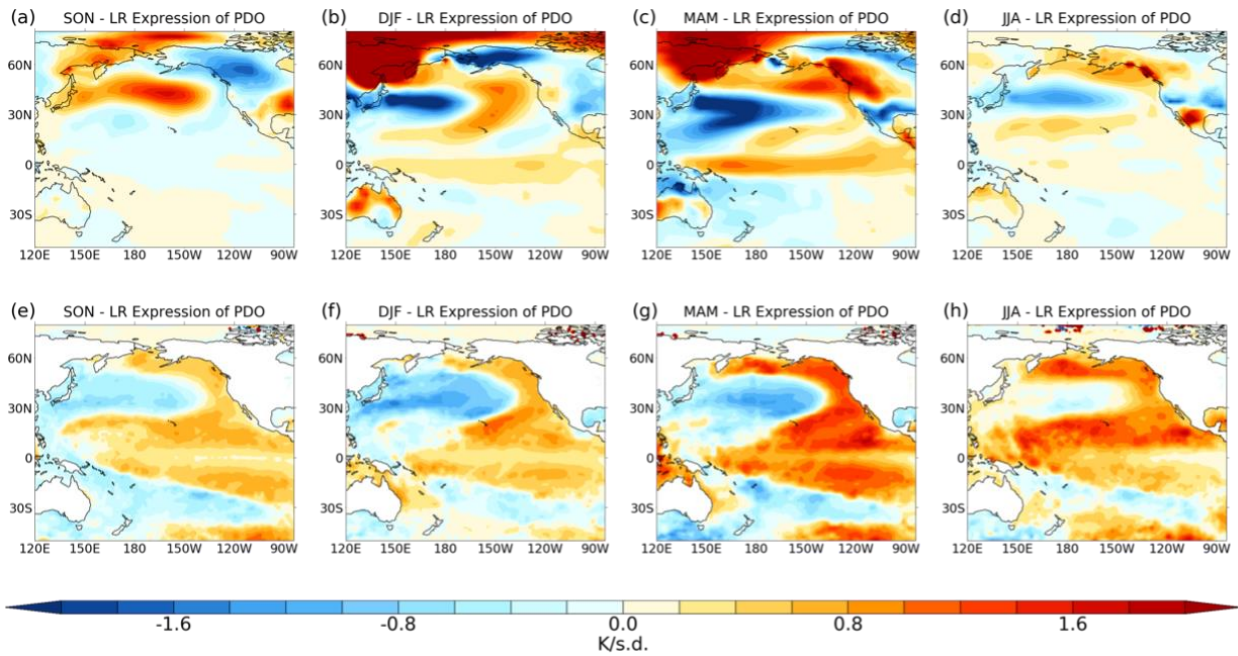
Figure S1: (a-d) Seasonal mean surface temperature anomalies regressed onto the PDO index in CONTROL scaled by 5x for comparison with HadISST data (panels e-h). Units: K per standard deviation.

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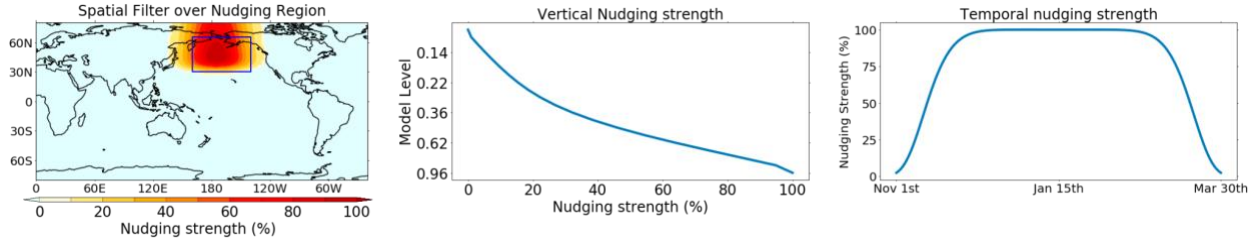
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22 **Figure S2:** Details of the nudging kernel used for the NUDGED experiment. (a) Horizontal

23 variation, (b) vertical variation and (c) temporal variation.

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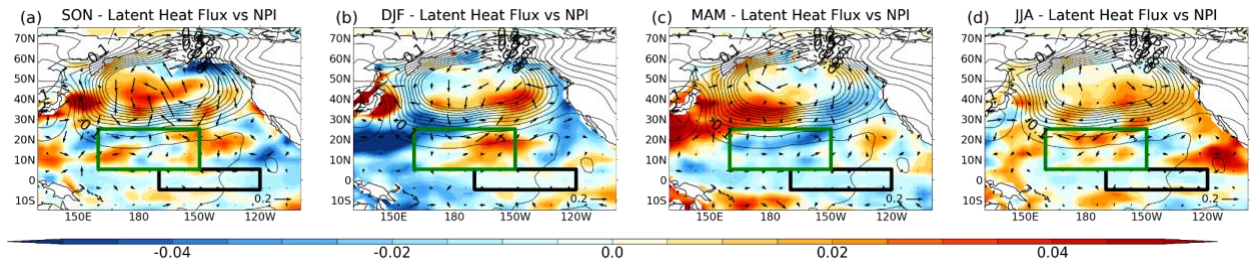
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30 **Figure S3:** Seasonal 3-month mean of latent heat flux (shading; W m^{-2} / σ), sea level

31 pressure (contours; hPa / σ) and near-surface wind (vectors; m s^{-1} / σ) anomalies

32 regressed onto the NPI. Green and black boxes represent the two regions over which the

33 mixed layer heat budget analysis is conducted in Figure 3.

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