



Figure 2. Significant correlation between target and independent variables used in layer 1. **a**, Correlation between aboveground carbon (AGC) storage and basal area (BA). **b**, Correlation between AGC and culm density. **c**, Correlation between AGC and culms' mean diameter at breast height (DBH). **d**, Correlation between aboveground net primary production (ANPP) and heterotrophic respiration (HR). **e**, Correlation between litterfall and HR. **f**, Correlation between litterfall and ANPP. **g**, Correlation between total nitrogen in soil and ANPP. **h**, Correlation between leaf net production (LNP) and belowground net primary production (BNPP). Label “*” means $p < 0.1$, “*” means $p < 0.05$, “**” means $p < 0.01$, and “***” means $p < 0.001$. Crimson squares represent study sites in China, Sakura pink circles represent in Japan, cerulean diamonds represent in South Korea, and malachite green triangles represent in Taiwan. All observations are obtained from Supplementary Dataset 1.