Supplementary Table 5. Main results of subgroup analysis categorized by age

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| --- | --- | --- | --- | --- | --- |
| Index | Age | Sample sizes | SMD | 95%CI | *I2* |
| AR | HC |
| Shannon index | Children | 163 | 136 | -0.16 | -0.54; 0.22 | 58% |
| Adults | 387 | 249 | -0.64 | -1.75; 0.48 | 97% |
| Chao1 index | Children | 120 | 89 | -0.06 | -0.34; 0.21 | 0% |
| Adults | 369 | 232 | 0.05 | -2.45; 2.54 | 97% |

AR: allergic rhinitis; HC: healthy control; SMD: standardized mean difference; CI:confidence intervals