### Additional File 4. Relevance of study findings table

**Paper:** Potential for non-combustible nicotine products to reduce socioeconomic inequalities in smoking: a systematic review and synthesis of best available evidence.

**Authors:** Mark Lucherini, Sarah Hill, Katherine Smith

<table>
<thead>
<tr>
<th>Tier</th>
<th>Description</th>
<th>Specific criteria</th>
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| Tier 1 | **Evidence of NCNP use (prevalence) by SES, with adequate power to detect differences by SES AND information on cigarette use (prevalence) by SES in the same population** | Cross-sectional data (including from cohort studies) demonstrating:  
  - Prevalence of NCNP use by SES  
  - Statistically significant difference in NCNP use by SES, or sufficiently powered to confirm lack of difference  
  - Prevalence of cigarette use by SES |
| Tier 2 | **Evidence of NCNP use (prevalence) by SES, with adequate power to detect differences by SES, but no information on cigarette use by SES in the same population** | Cross-sectional data (including from cohort studies) demonstrating:  
  - Prevalence of NCNP use by SES  
  - Statistically significant difference in NCNP use by SES, or sufficiently powered to confirm lack of difference |
| Tier 3 | **Indirect evidence of NCNP and cigarette use in relation to SES, but no estimates of use (prevalence) in the underlying population** | Cross-sectional data (including from cohort studies) demonstrating:  
  - Prevalence of NCNP use by SES among smokers, OR  
  - Association between SES and NCNP/tobacco use (Odds Ratios only), OR  
  - Distribution of different product user groups (smokers, e-cig users, dual users) by SES |
| Tier 4 | Evidence of pattern of NCNP by SES, but no test of statistical significance / no evidence of adequate study power | Cross-sectional data (including from cohort studies) demonstrating:  
  - Prevalence of NCNP use by SES, inadequately powered |

Best evidence adults include Tier 1, 2 and 3 studies of medium and higher quality.

Best evidence for young people includes only Tier 1 studies of high or medium quality (ie studies must include evidence on tobacco use by SES in the same population).