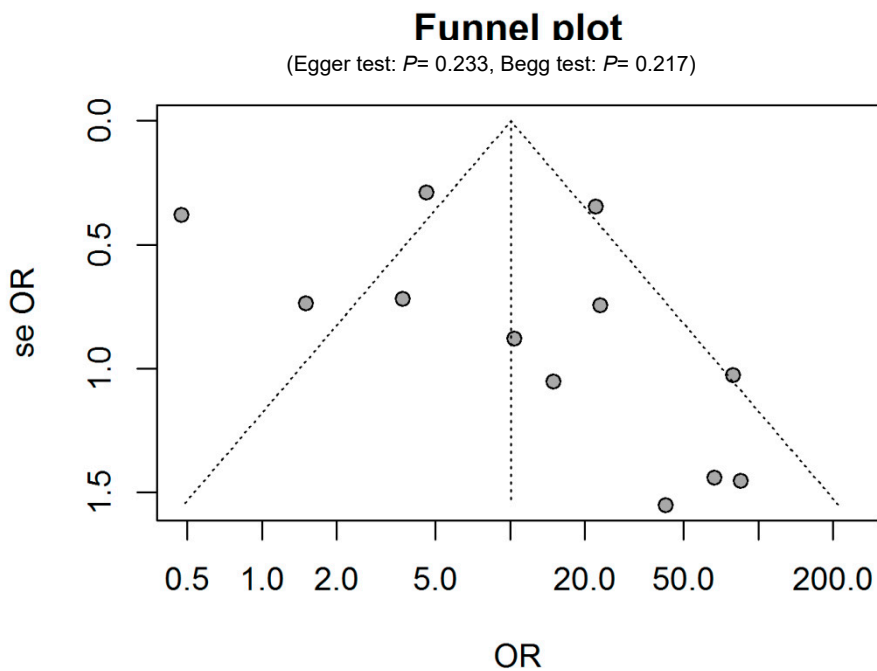


## Supplementary Material

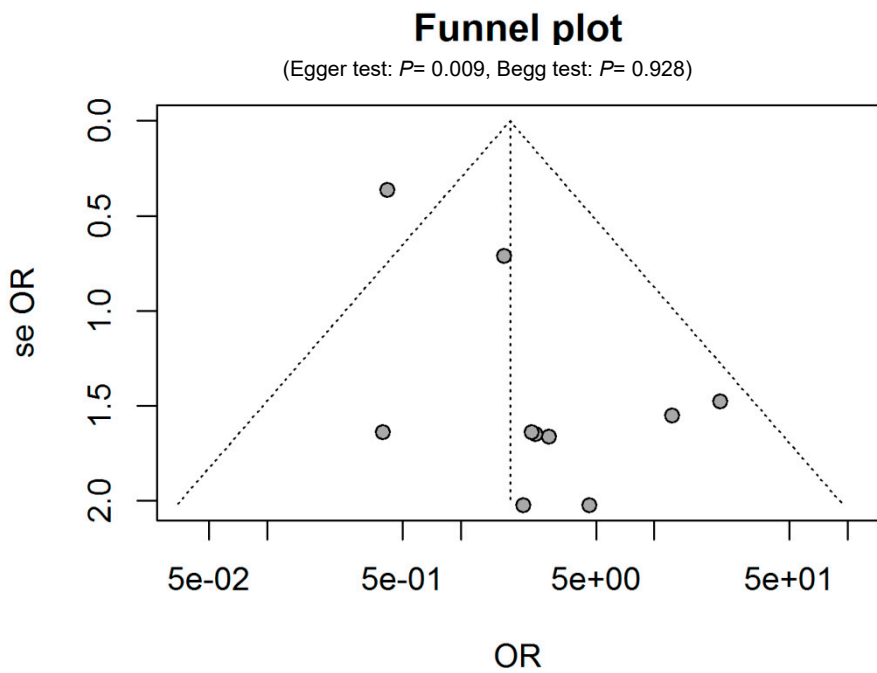
**Table S1.** The Newcastle-Ottawa Scale (NOS) for assessing the quality of included studies.

Study	Subject Selection (Max. 4★)	Study Comparability (Max. 2★)	Ascertainment of exposure (Max. 3★)	Final quality assessment
Hansson et al.; 2005	★★★★	★★	★★	8
SahebJamee et al.; 2009	★★★★	★★	★	7
Kulkarni et al.; 2011	★★★★	0	★	5
Goot-Heah et al.; 2012	★★★★	0	★	5
Chen et al.; 2013	★★★★	0	★	5
Nordfors et al.; 2014	★★★★	0	★★	6
Khyani et al.; 2015	★★★★	0	★	5
Modak et al.; 2016	★★★★	★	★	6
Rosenthal et al.; 2017	★★★★	0	★	6
Auguste et al.; 2017	★★★★	★★	★★★	9
Laprise et al.; 2017	★★★★	★★	★★	8
Hettmann et al.; 2018	★★★★	0	★	5
Ramesh et al.; 2018	★★★★	★★	★	7
Dang et al.; 2019	★★★★	0	★★	6

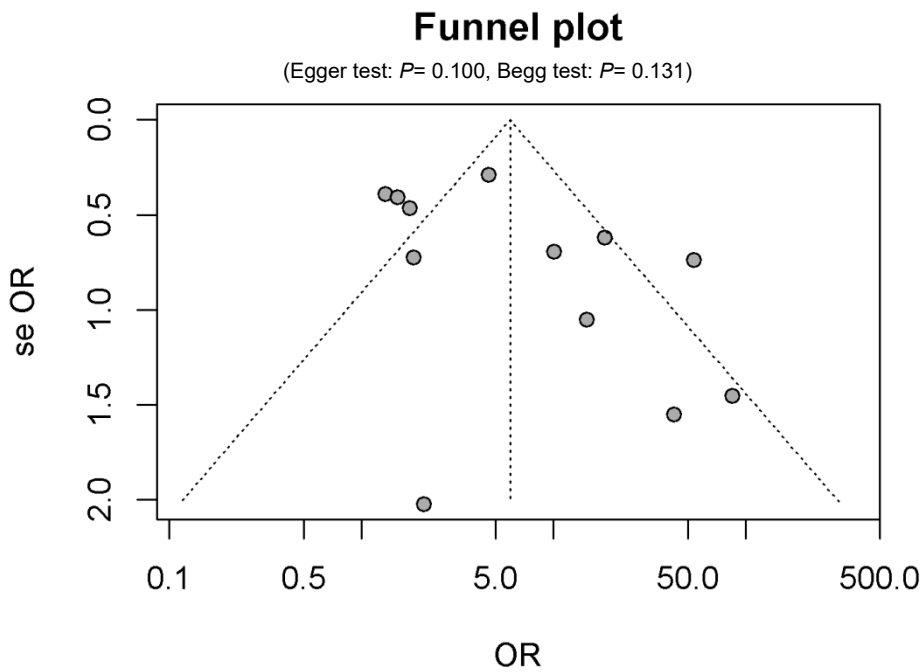
Note: “★” means one point



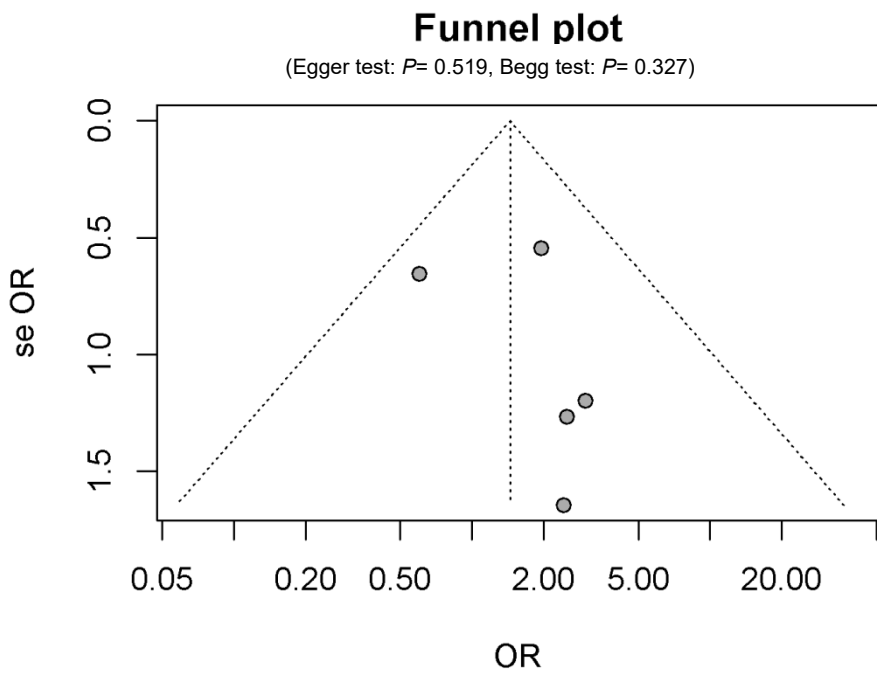
**Figure S1.** Funnel plot for studies (of 12 studies) on the association between salivary HPV16 and oral and oropharyngeal cancer.



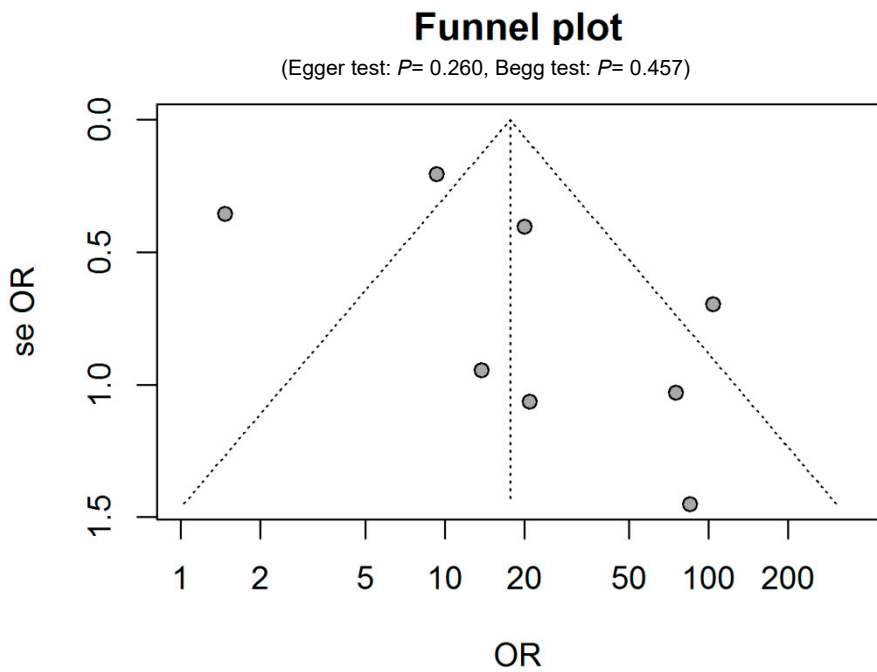
**Figure S2.** Funnel plot for studies (of 10 studies) on the association between salivary HPV18 and oral and oropharyngeal cancer.



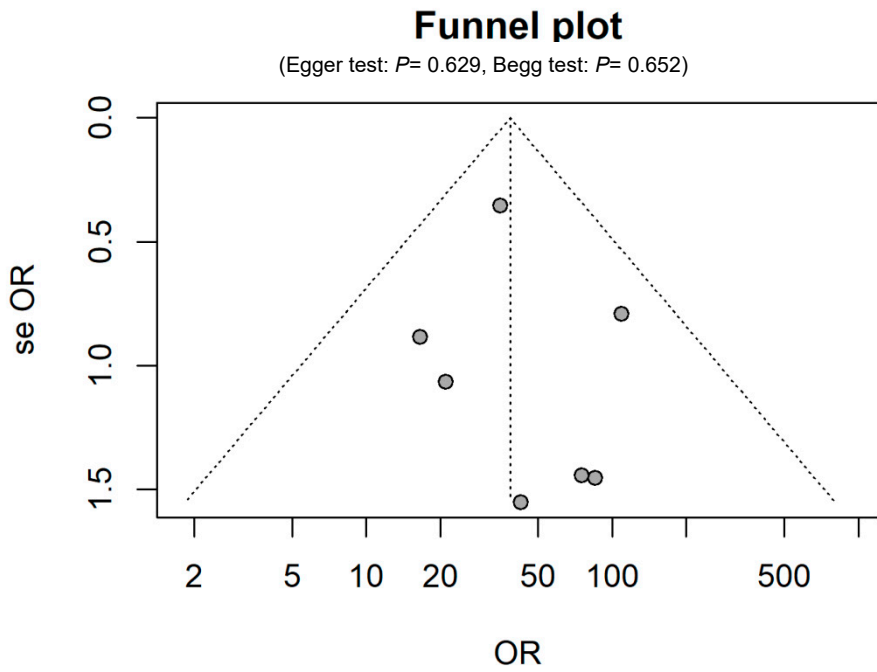
**Figure S3.** Funnel plot for studies (of 12 studies) on the association between salivary HR-HPV and oral and oropharyngeal cancer.



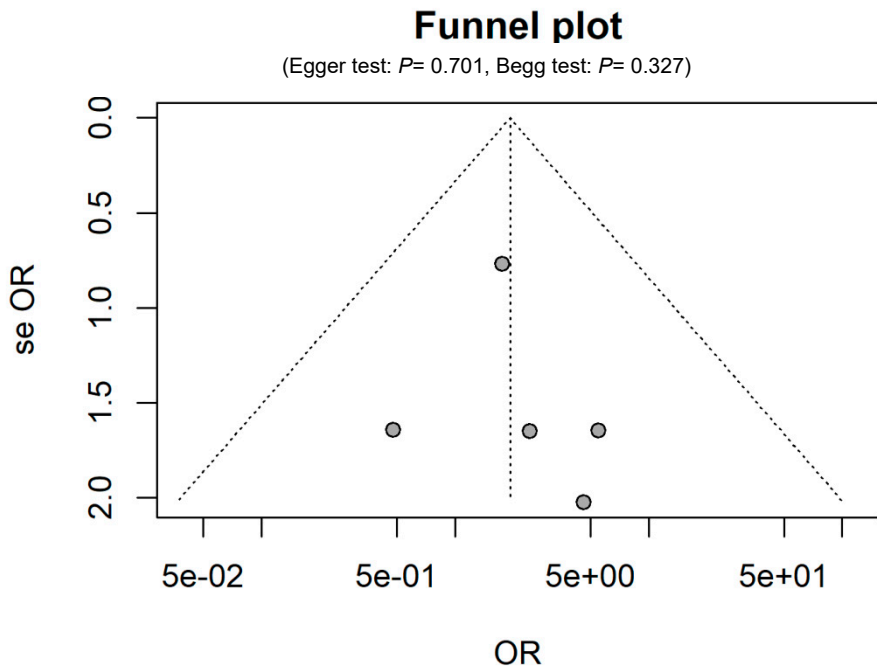
**Figure S4.** Funnel plot for studies (of 5 studies) on the association between salivary LR-HPV and oral and oropharyngeal cancer.



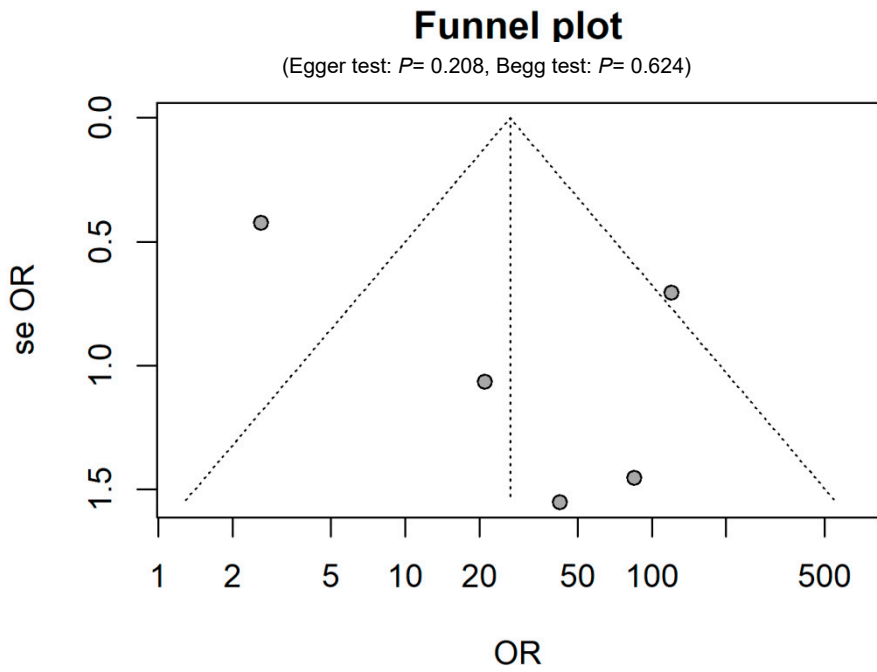
**Figure S5.** Funnel plot for studies (of 8 studies) on the association between salivary HPV and oropharyngeal cancer.



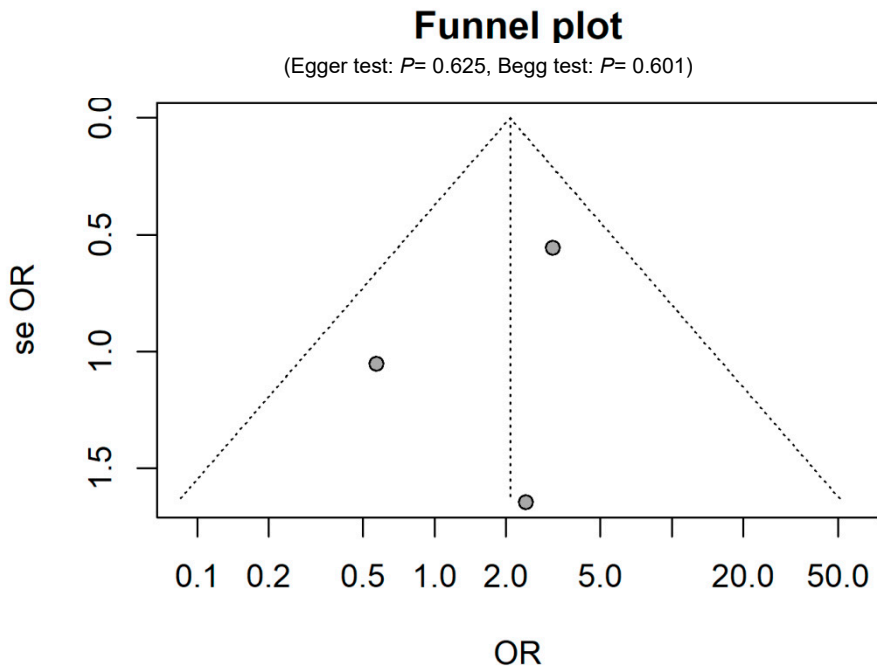
**Figure S6.** Funnel plot for studies (of 7 studies) on the association between salivary HPV16 and oropharyngeal cancer.



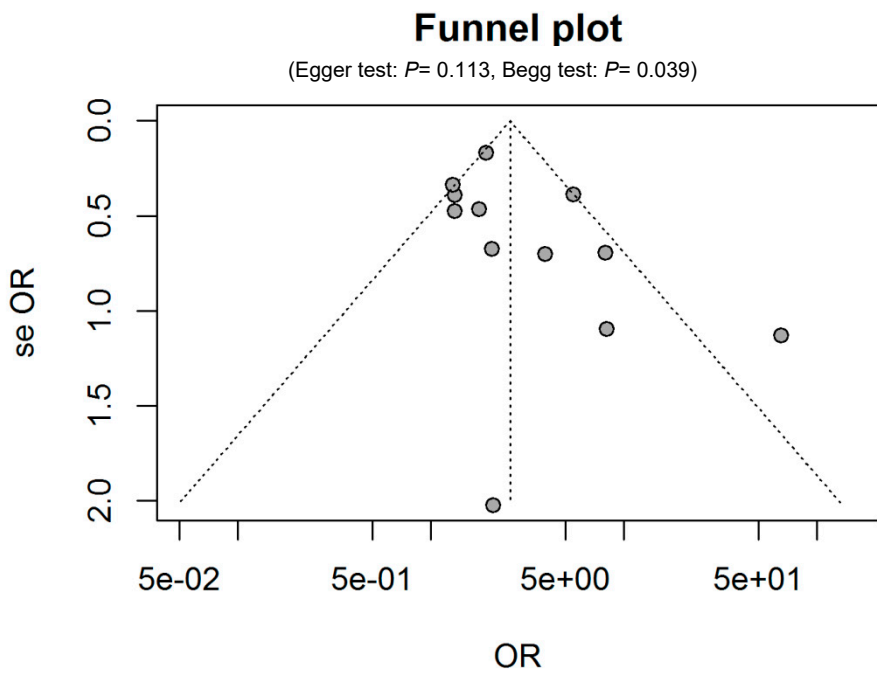
**Figure S7.** Funnel plot for studies (of 5 studies) on the association between salivary HPV18 and oropharyngeal cancer.



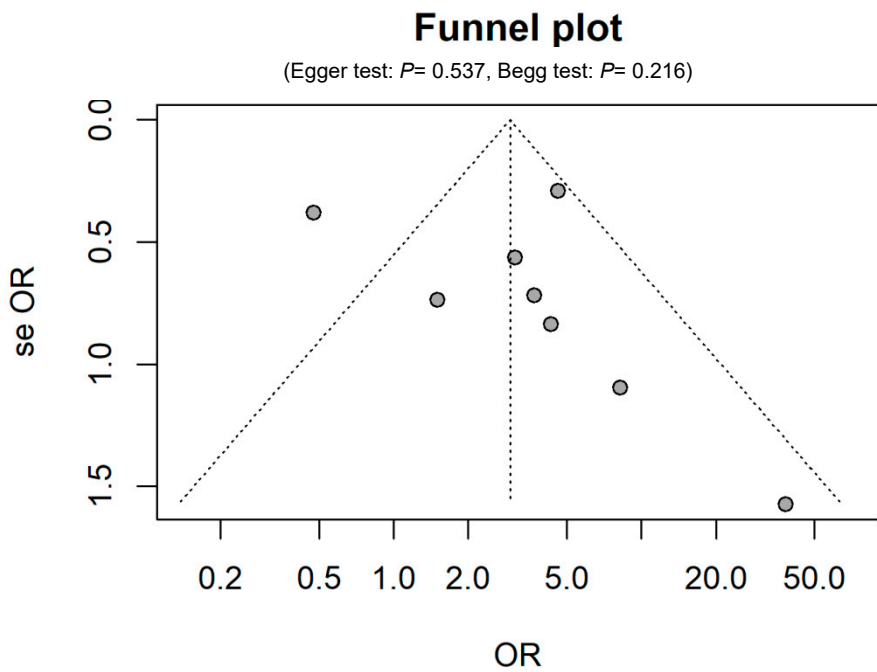
**Figure S8.** Funnel plot for studies (of 5 studies) on the association between salivary HR-HPV and oropharyngeal cancer.



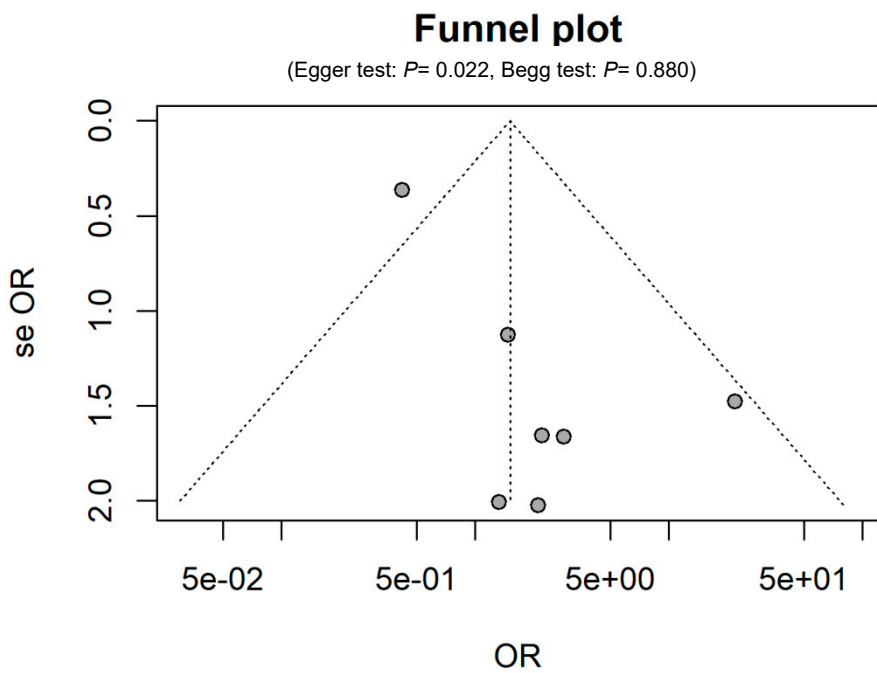
**Figure S9.** Funnel plot for studies (of 3 studies) on the association between salivary LR-HPV and oropharyngeal cancer.



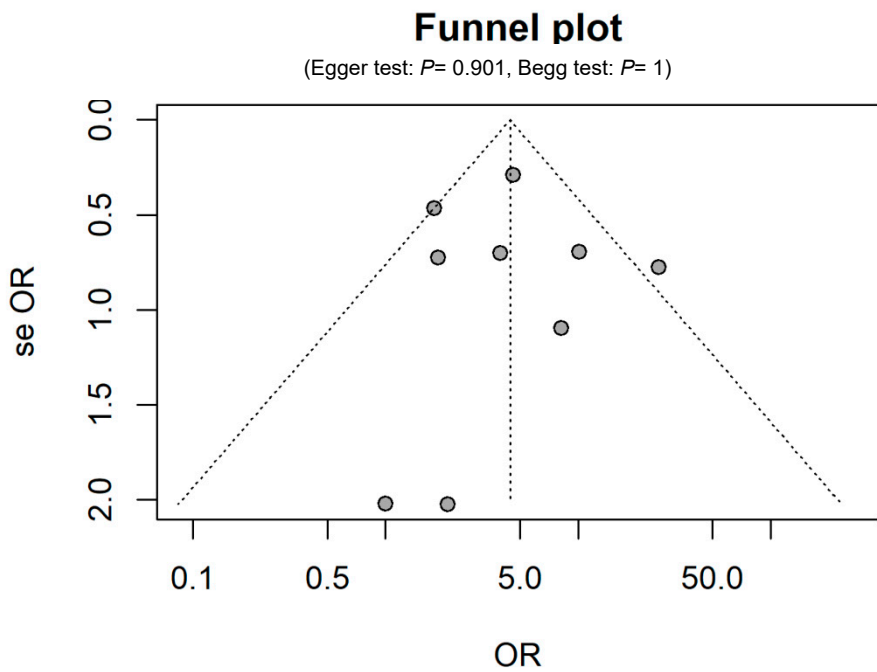
**Figure S10.** Funnel plot for studies (of 12 studies) on the association between salivary HPV and oral cancer.



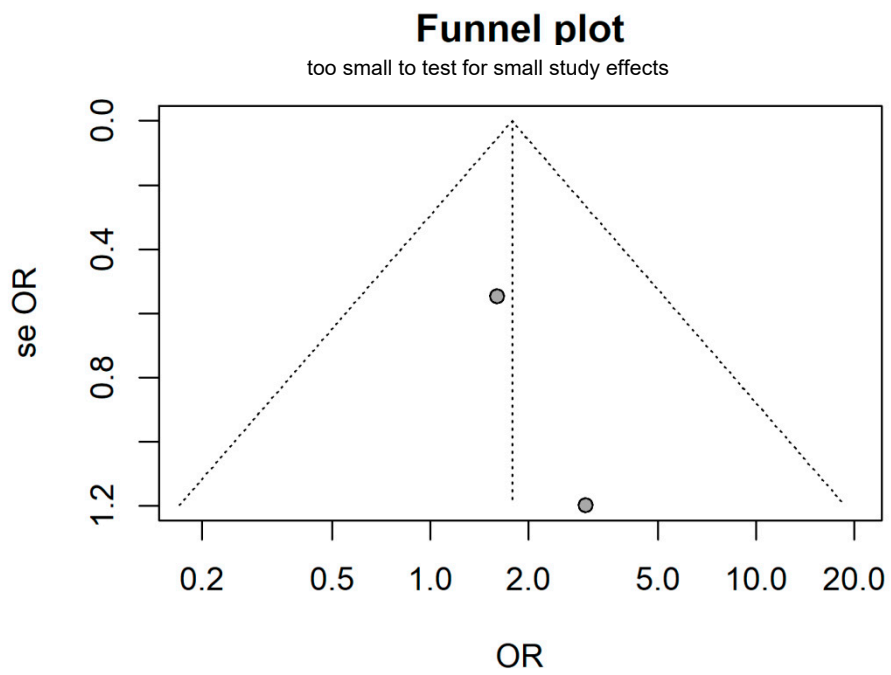
**Figure S11.** Funnel plot for studies (of 8 studies) on the association between salivary HPV16 and oral cancer.



**Figure S12.** Funnel plot for studies (of 7 studies) on the association between salivary HPV18 and oral cancer.



**Figure S13.** Funnel plot for studies (of 9 studies) on the association between salivary HR-HPV and oral cancer.



**Figure S14.** Funnel plot for studies (of 2 studies) on the association between salivary LR-HPV and oral cancer.