Full search terminology for scoping review

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| **Search category** | **PubMed** | **Embase** | **PsycINFO** | **Web of Science** | **Google Scholar** |
| **[Terms to identify acoustic and perceptual outcomes] AND** | ("speech"[Title/Abstract] OR "speech"[MeSH Terms]  OR "intelligib\*"[Title/Abstract] OR "intelligib\*"[MeSH Terms]  OR "speech perception"[Title/Abstract] OR "speech perception"[MeSH Terms]  OR "acoustic\*"[Title/Abstract] OR "acoustic\*"[MeSH Terms]) | ('speech intelligibility'/exp OR 'speech perception'/exp OR 'speech'/exp  OR 'speech intelligibility':ab,ti OR 'speech perception':ab,ti OR 'speech':ab,ti OR 'acoustic' OR 'acoustic':ab,ti) | (TI ("intelligib\*" OR "speech perception" OR "acoustic\*" OR “speech”)  OR AB ("intelligib\*" OR "speech perception" OR "acoustic\*" OR “speech”)  OR DE ("intelligib\*" OR "speech perception" OR "acoustic\*" OR “speech” OR “oral communication”)) | (TI=("intelligib\*" OR "speech perception" OR "acoustic\*")  OR AB=("intelligib\*" OR "speech perception" OR "acoustic\*")  OR SU=("intelligib\*" OR "speech perception" OR "acoustic\*")) | (intelligib\* OR “speech perception” OR acoustic\*) |
| **[Terms to identify relevant face coverings] AND** | ("face mask\*"[Title/Abstract] OR "face mask\*"[MeSH Terms]  OR "face-mask\*"[Title/Abstract] OR "face-mask\*"[MeSH Terms]  OR "surgical mask\*"[Title/Abstract] OR "surgical mask\*"[MeSH Terms]  OR "facepiece\*"[Title/Abstract] OR "facepiece\*"[MeSH Terms]   OR "respiratory protect\*"[MeSH Terms] OR "respiratory protect\*"[Title/Abstract]  OR "respirator\*"[Title/Abstract] OR “respirator”[MeSH Terms]  OR "N95\*"[Title/Abstract] OR "N95"[MeSH Terms]  OR "face shield\*"[Title/Abstract] OR "face shield\*"[MeSH Terms]  OR "face cover\*"[Title/Abstract] OR "face cover\*"[Title/Abstract]  OR "face protect\*"[Title/Abstract] OR "face protect\*"[MeSH Terms]  OR “personal protective equipment”[Title/Abstract]  OR “personal protective equipment”[MeSH Terms]) | ('face mask'/exp OR 'face mask ventilation'/exp OR 'surgical mask'/exp OR 'ventilator'/exp OR 'n95'/exp OR 'minimally 94 percent efficient filtering facepiece respirator'/exp OR 'face shield'/exp OR 'protective equipment'/exp  OR 'face mask':ab,ti OR 'face mask ventilation':ab,ti OR 'surgical mask':ab,ti OR 'ventilator':ab,ti OR 'n95':ab,ti OR 'minimally 94 percent efficient filtering facepiece respirator':ab,ti OR 'face shield':ab,ti OR 'protective equipment':ab,ti) | (TI ( "mask" OR "respirator" OR "surgical mask" OR "respiratory protect\*" OR "N95" OR "face shield" OR "fac\* cover\*" OR "mask cover\*" OR "fac\* protect\*" )  OR AB ( "mask" OR "respirator" OR "surgical mask" OR "respiratory protect\*" OR "N95" OR "face shield" OR "fac\* cover\*" OR "mask cover\*" OR "fac\* protect\*" )  OR DE personal protective equipment OR DE ( "mask" OR "respirator" OR "surgical mask" OR "respiratory protect\*" OR "N95" OR "face shield" OR "fac\* cover\*" OR "mask cover\*" OR "fac\* protect\*" OR "personal protective equipment" )) | (TI=("face mask\*"  OR "surgical mask\*"  OR "facepiece\*"   OR "respiratory protect\*"  OR "N95\*"  OR "face shield\*"  OR "face cover\*"  OR "face protect\*"  OR “personal protective equipment”  OR “respirator”)  OR  AB=("face mask\*"  OR "surgical mask\*"  OR "facepiece\*"   OR "respiratory protect\*"  OR "respirator\*”  OR "N95\*"  OR "face shield\*"  OR "face cover\*"  OR "face protect\*"  OR “personal protective equipment”)  OR  SU=("face mask\*"  OR "surgical mask\*"  OR "facepiece\*"   OR "respiratory protect\*"  OR "N95\*"  OR "face shield\*"  OR "face cover\*"  OR "face protect\*"  OR “personal protective equipment”)) | ("face mask" OR facemask\* OR "surgical mask"  OR respirator OR “n95”  OR “face shield” OR “face cover”  OR "face covering" OR “facepiece") |
| **[Terms to identify studies related to speech and or voice]** | ("speech"[MeSH Terms] OR "speech"[Title/Abstract]  OR “voice”[MeSH Terms] OR “voice”[Title/Abstract]) | ('speech'/exp OR 'voice'/exp  OR 'speech':ab,ti OR 'voice':ab,ti) | (TI (“speech” OR “voice”)  OR AB (“speech” OR “voice”)  OR DE (“speech” OR “voice” OR “oral communication”)) | (TI=(speech OR voice)  OR AB=(speech OR voice)  OR SU=(speech OR voice)) | (speech OR voice) |