

## S2. Full search strategy.

1. PubMed: ("Breast Neoplasms" [Mesh] OR "Breast"[Mesh] OR mamma carcin\*[tiab] OR mammary[tiab] OR mammo\*[tiab] OR breast[tiab]) AND ("Diffusion Magnetic Resonance Imaging" [Mesh] OR "Diffusion Tensor Imaging"[Mesh] OR DWI[tiab] OR diffusion-weighted imag\*[tiab] OR ("Diffusion"[Mesh] OR diffusion[tiab]) AND ("Magnetic Resonance Imaging" [Mesh] OR MRI[tiab] OR magnetic resonan\*[tiab] OR MR[tiab] OR NMR[tiab]))
2. Embase: (('breast tumor'/exp OR 'breast'/exp OR ('mamma carcin\*' OR mammary OR mammo\* OR breast):ab,ti) AND ('diffusion weighted imaging'/exp OR 'diffusion tensor imaging'/exp OR (DWI OR 'diffusion-weighted'):ab,ti OR (diffusion:ab,ti,de AND ('nuclear magnetic resonance imaging'/exp OR MRI:ab,ti OR 'magnetic resonan\*':ab,ti OR MR:ab,ti OR NMR:ab,ti))) NOT 'conference abstract'/it)