

MRI versus Histopathology in EMVI Detection for Rectal Cancer: Prognostic Relevance and Survival Outcomes

ELECTRONIC SUPPLEMENTARY MATERIAL

Table S1. Inter-observer agreement on mrEMVI status between two radiologists.

Rad1/Rad2	mr-EMVI-	mr-EMVI+	Total
mr-EMVI-	69	14	83
mr-EMVI+	10	57	67
Total	79	71	150

Table S2. Inter-observer agreement on EMVI status between mr-EMVI and p-EMVI.

	mr-EMVI-	mr-EMVI+	Total
p-EMVI-	30	8	38
p-EMVI+	13	20	33
Total	43	28	71

Table S3. Crosstabulation of pEMVI status by consensus mrEMVI by category 0-4.

A significant association was found between pEMVI and mrEMVI (Pearson $\chi^2 = 13.159$, $df = 4$, $p = 0.011$; Fisher–Freeman–Halton exact $p = 0.006$). Adjusted residuals showed significantly more pEMVI-negative cases in mrEMVI category 0 (not present) and more pEMVI-positive cases in mrEMVI category 4 (present).

Consensus mrEMVI	pEMVI -	pEMVI+	Total
0- Not present	18 (69,2%) Adjusted Residual 2.0	8 (30.8%) Adjusted Residual -2.0	26
1- Probably not present	1 (50%)	1 (50%)	2
2- Equivocal	11 (73.3%)	4 (26.7%)	15
3- Probably present	6 (37.5%)	10 (62.5)	16
4- Present	2 (16.7%) Adjusted residual -2.8	10 (83.3%) Adjusted residual 2.8	12
Total	38	33	71