

Article Title: **Relationship of FDG uptake of the reticuloendothelial system with tumor immune microenvironment and prognosis in patients with gastric cancer**

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**Table S1.** Correlation analysis of FDG uptake of primary tumor lesion, BM, and spleen.

		Tumor SUV	BM SUV	Spleen SUV	BLR	SLR
Tumor SUV	Correlation coefficient	1.00	0.402	0.296	0.374	0.474
	(95% CI)		(0.184–0.582)	(0.066–0.497)	(0.152–0.560)	(0.268–0.638)
	P-value	-	<0.001	0.013	0.014	<0.001
BM SUV	Correlation coefficient	0.402	1.00	0.616	0.641	0.407
	(95% CI)	(0.184–0.582)		(0.446–0.744)	(0.513–0.731)	(0.190–0.586)
	P-value	<0.001	-	<0.001	<0.001	<0.001
Spleen SUV	Correlation coefficient	0.296	0.616	1.00	0.133	0.622
	(95% CI)	(0.066–0.497)	(0.446–0.744)		(-0.105–0.357)	(0.437–0.774)
	P-value	0.013	<0.001	-	0.272	<0.001
BLR	Correlation coefficient	0.374	0.641	0.133	1.00	0.622
	(95% CI)	(0.152–0.560)	(0.513–0.731)	(-0.105–0.357)		(0.437–0.774)
	P-value	0.014	<0.001	0.272	-	<0.001
SLR	Correlation coefficient	0.474	0.407	0.622	0.622	1.00
	(95% CI)	(0.268–0.638)	(0.190–0.586)	(0.437–0.774)	(0.437–0.774)	
	P-value	<0.001	<0.001	<0.001	<0.001	-

BLR, bone marrow-to-liver uptake ratio; BM, bone marrow; CI, confidence interval; FDG, 2-deoxy-2-[<sup>18</sup>F]fluoro-

D-glucose; SLR, spleen-to-liver uptake ratio; SUV, standardized uptake value