target setting with ResNet-18. Legend: P: Photo, A: Art-Painting, C: Cartoon, and S: Sketch. The highest accuracies are in **bold**. \* indicates our reproduced results using [6]. Method A→C  $P \rightarrow A$  $P \rightarrow C$  $P \rightarrow S$  $A \rightarrow P$  $A \rightarrow S$ Avg.

32.3

98.4

84.3

56.1

57.5

49.8

72.9

81.0

46.6

68.4

75.4

82.6

46.6

82.8

72.7

76.4

72.4

**Table 1**. Classification accuracy (%) on PACS for the single-

AdaContrast [6]*	81.3	72.2	66.7	98.7	79.7	77.9	79.4		
SPM (Ours)	89.7	82.3	74.5	99.1	87.9	86.4	86.7		
Table 2 Classic	faction	2 00011	ro ov. (0	7.) on I	) \ C C f	or the	multi		
Table 2. Classi			• •						
target setting with ResNet-18 backbone. The highest value is									
1 11 1 4 1 1				1.		F ( )			

82.6

NEL [19]

KD [38]

NEL [19]

SPM (Ours)

AdaContrast [6]\*

80.5

<b>Table 2</b> . Classificati target setting with Ro	• ' '								
<b>bolded</b> . * indicates of		_	urue 15						
Multi-Target UDA $P \rightarrow A, C, S$ $A \rightarrow P, C, S$									

<b>Table 2</b> . Classification accuracy (%) on PACS for the multi-target setting with ResNet-18 backbone. The highest value is <b>bolded</b> . * indicates our reproduced results using [6].										
Multi-Target UDA $P \rightarrow A, C, S$			A	$\rightarrow$ P, C	, S					
Method	SF	A	C	S	P	С	S	Avg.		
1-NN	×	15.2	18.1			19.7	22.7	20.7		

Table 2. Classification accuracy (%) on PACS for the multi-									
target setting with ResNet-18 backbone. The highest value is									
<b>bolded</b> . * indicates our reproduced results using [6].									
Multi-Target U	Multi-Target UDA $P \rightarrow A, C, S$			A					
Method	SF	A	С	S	P	С	S	Avg.	
1-NN	×	15.2	18.1	25.6	22.7	19.7	22.7	20.7	
ADDA [2]	×	24.3	20.1	22.4	32.5	17.6	18.9	22.6	
DSN [36]	×	28.4	21.1	25.6	29.5	25.8	26.8	25.8	

Multi-Target Ul	)A	$P \rightarrow A, C, S$			$A \rightarrow P, C, S$			
Method	SF	A	С	S	P	C	S	Avg.
1-NN	×	15.2	18.1	25.6	22.7	19.7	22.7	20.7
ADDA [2]	×	24.3	20.1	22.4	32.5	17.6	18.9	22.6
DSN [36]	×	28.4	21.1	25.6	29.5	25.8	26.8	25.8
ITA [37]	×	31.4	23.0	28.2	35.7	27.0	28.9	29.0

32.2

76.1

77.9

89.2

33.8

25.9

62.9

66.4

35.6

96.0

95.9

97.7

24.6

80.1

70.1

85.2

X