Table 2: The motivating example Lang-1 for SBFL

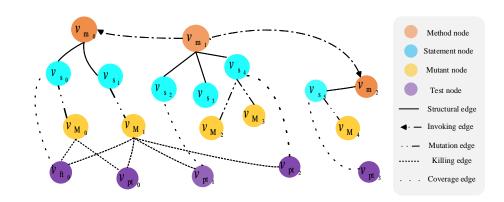
The highlighted line indicates the faulty method and corresponding suspiciousness and rank. The suspiciousness was calculated based on SBFL through Dstar<sup>2</sup>.

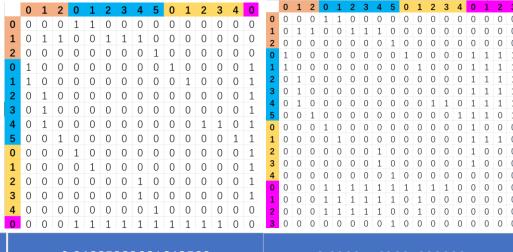
	Method Signature		Coverage				SBFL		$SBFL_G$	
$m_{ID}$			$pt_0$	$pt_1$	$pt_2$	pt <sub>3</sub>	Sus	Rank	Sus	Rank
$m_0$	org/apache/commons/lang3/StringUtils@isBlank	*	*	*	*	-	0.33	3	0.41	2
$m_1$	org/apache/commons/lang 3/math/Number Utils @create Number		*	*	*	-	0.33	3	0.53	1
$m_2$	org/apache/commons/lang 3/math/Number Utils@createInteger	*	*	*	-	*	0.33	3	0.38	3

Table 3: The motivating example Lang-1 for MBFL. The highlighted line is the faulty method and corresponding suspiciousness and rank. The suspiciousness was calculated based on MBFL through Dstar2.

	$M_{ID}$	Killed information				M	BFL	$MBFL_G$		
$m_{ID}$		$ft_0$	$pt_0$	$pt_1$	$pt_2$	$pt_3$	Sus	Rank	Sus	Rank
$m_0$	$M_0$ $M_1$	*	*	*	-*	-	1.0	2	1.25	2
$m_1$	$M_2$ $M_3$	*	*	-	-	-	1.0	2	1.60	1
$m_2$	M <sub>4</sub>	-	-	-	-	-	0	3	0	3

0.02796520745738158





$w(m_i) = PR_f(m_i) - \alpha PR_p(m_i)$	

0.0102

$\sum_{j=1}^{n}$	$w(m_j)$

0.15

 $w(m_i)$ 

m0	0.04885283081648589	0.03225563007820329	0.0166	0.25
m1	0.10654562577236978	0.06709466945258682	0.0395	0.60

0.01776858032376580