o Which procedures have the greatest variability between hospitals?

```
2017-02-27 06:29:53,885 Stage-2 map = 0%, reduce = 0%
2017-02-27 06:30:00,356 Stage-2 map = 100%, reduce = 0%, Cumulative CPU 1.33 se
2017-02-27 06:30:06,753 Stage-2 map = 100%, reduce = 100%, Cumulative CPU 3.19
Ended Job = job 1488136239136 0042
MapReduce Jobs Launched:
Stage-Stage-1: Map: 1 Reduce: 1 Cumulative CPU: 5.46 sec HDFS Read: 153756
HDFS Write: 2938 SUCCESS
Stage-Stage-2: Map: 1 Reduce: 1 Cumulative CPU: 3.19 sec HDFS Read: 7662 HD
FS Write: 863 SUCCESS
Total MapReduce CPU Time Spent: 8 seconds 650 msec
p.measureid
                p.measurename stddev score
OP 2 Fibrinolytic Therapy Received Within 30 Minutes of ED Arrival 0.214550
92347839494
       Endoscopy/polyp surveillance: appropriate follow-up interval for normal
colonoscopy in average risk patients 0.2090221868382952
OP 30 Endoscopy/polyp surveillance: colonoscopy interval for patients with a h
istory of adenomatous polyps - avoidance of inappropriate use 0.17689349238422
IMM 3 OP 27 FAC ADHPCT Healthcare workers given influenza vaccination 0.149114
86335978497
ct Surgery 0.1322253489290472
VTE 6 Hospital acquired potentially preventable venous thromboembolism
.12\overline{5}3001386521943
                               0.12345107506919534
        Thrombolytic Therapy
        Immunization for influenza 0.1230688296194046
Time taken: 47.874 seconds, Fetched: 10 row(s)
hive>
```

As shown above, sigma or standard deviation of score is used as a metric for variability in procedure. Clearly, the difference between standard deviation scores between the top two procedures is fairly small. The procedure which shows the most variability is Fibrinolytic Therapy with Endoscopy/polyp surveillance: colonoscopy etc being a very close second. It is probably instructive to note that the simplicity of the procedure probably determines the lack of variability in the procedure administered. By that token, it is hardly surprising that "Immunization for influenza" shows the least amount of variability